SDMS Document
109031

300991

U.S. Environmental Protection Agency
Region 2

Response Action Contract

FINAL
REMEDIAL INVESTIGATION REPORT
FOR OPERABLE UNIT 2 (OU-2)
FACILITY SOILS AND BUILDINGS
FOR
CORNELL-DUBILIER ELECTRONICS
SUPERFUND SITE
SOUTH PLAINFIELD
MIDDLESEX COUNTY, NEW JERSEY

DECEMBER 2002
VOLUME II OF II

Contract No: 68-W-98-214

FOSTER WHEELER
FOSTER WHEELER ENVIRONMENTAL CORPORATION

EPA WORK ASSIGNMENT NUMBER: 018-RICO-02GZ
EPA CONTRACT NUMBER: 68-W-98-214
FOSTER WHEELER ENVIRONMENTAL CORPORATION
RAC II PROGRAM

FINAL
REMEDIAL INVESTIGATION REPORT
FOR OPERABLE UNIT 2 (OU-2)
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MIDDLESEX COUNTY, NEW JERSEY

DECEMBER 2002

VOLUME II OF II

THE INFORMATION PROVIDED IN THIS DOCUMENT HAS BEEN FUNDED BY THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (EPA) UNDER RAC II CONTRACT NUMBER 68-W-98-214 TO FOSTER WHEELER ENVIRONMENTAL CORPORATION (FOSTER WHEELER ENVIRONMENTAL). THIS DOCUMENT HAS BEEN FORMALLY RELEASED BY FOSTER WHEELER ENVIRONMENTAL TO THE EPA. THIS DOCUMENT DOES NOT, HOWEVER, REPRESENT EPA POSITION OR POLICY, AND HAS NOT BEEN FORMALLY RELEASED BY THE EPA.

300993

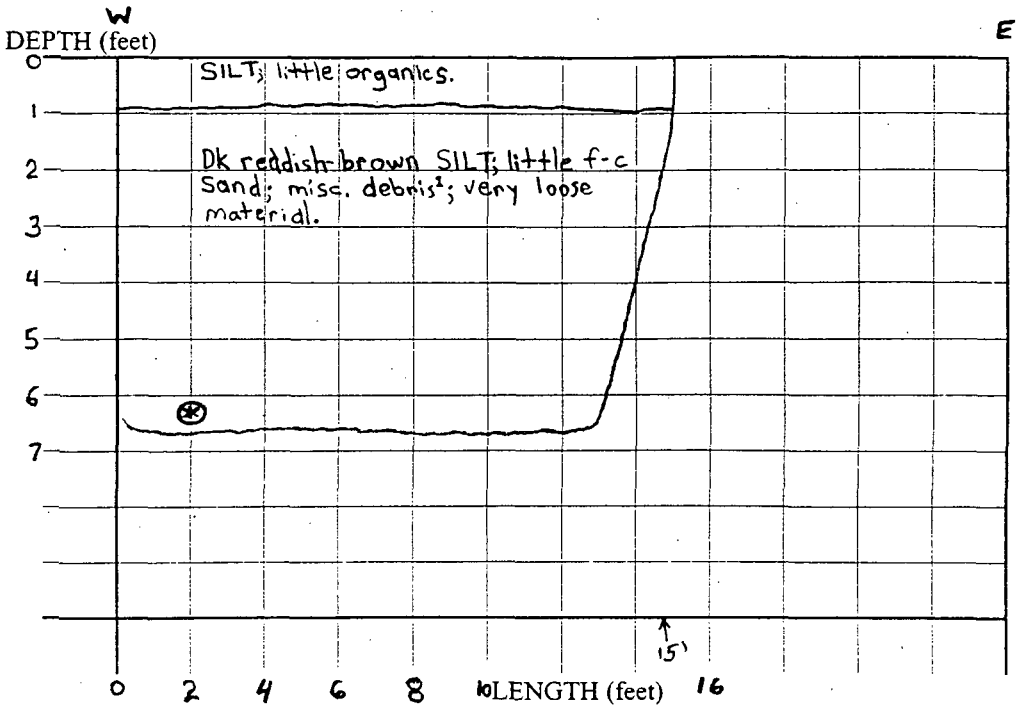
APPENDIX C

TEST PIT RECORDS

TEST PIT RECORD

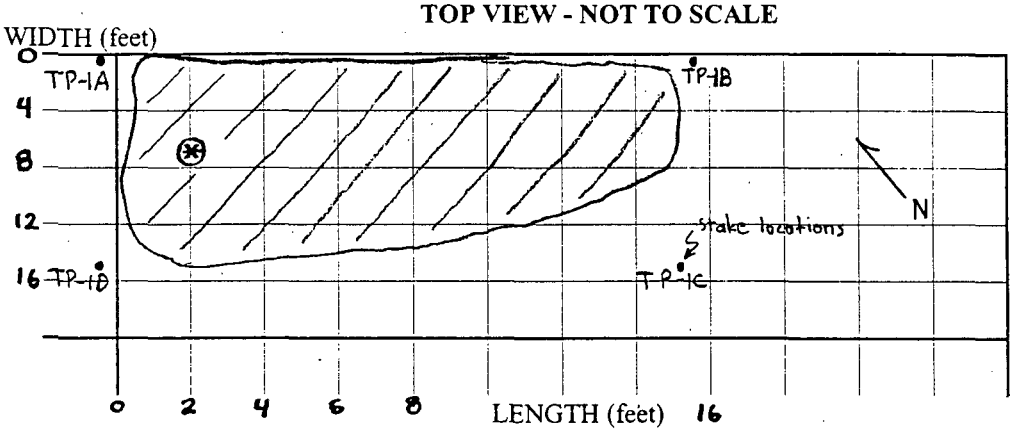
PROJECT:	Cornell-Dubilier Electronics Superfund	TEST PIT NUMBER:	TP01
PROJECT NO:	1945.1018.0300	DATE STARTED:	06/07/00
LOCATION:	Northeast corner of site	DATE COMPLETED:	06/07/00
GEOLOGIST:	M. Greenberg	GROUNDWATER DEPTH:	Not Encountered
EXCAVATION COMPANY:	Tabasco Drilling		

VERTICAL VIEW - NOT TO SCALE



Air Monitoring
Air monitoring with the PID and FID occurred at 1550 and 1615. PID and FID measured 0 ppm in test pit soil and breathing zone.

TOP VIEW - NOT TO SCALE



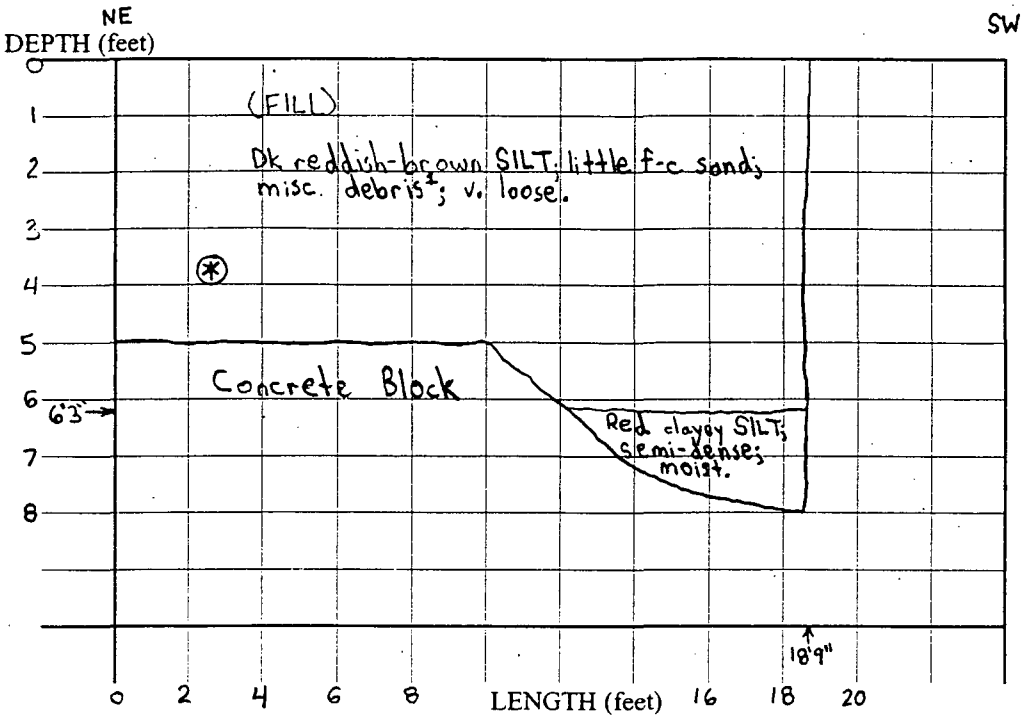
NOTES: * Sample TP01-01 collected at 6.5 ft bgs and approximately 2 ft from western edge.
[1] Debris refers to scrap metal, automobile parts, steel cable, styrofoam sheeting, railroad ties, tree stumps, bricks, and rocks.

Legend:
PID: photo-ionization detector
FID: flame ionization detector
ppm: parts per million
ft: feet
bgs: below ground surface

TEST PIT RECORD

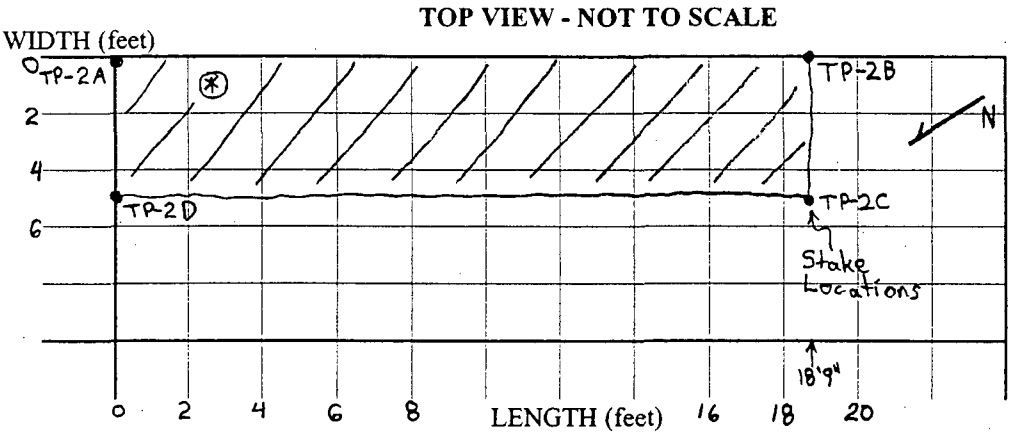
PROJECT: Cornell-Dubilier Electronics Superfund	TEST PIT NUMBER: TP02
PROJECT NO: 1945.1018.0300	DATE STARTED: 06/08/00
LOCATION: East-Northeast area of site	DATE COMPLETED: 06/08/00
GEOLOGIST: M. Greenberg	GROUNDWATER DEPTH: Not Encountered
EXCAVATION COMPANY: Tabasco Drilling	

VERTICAL VIEW - NOT TO SCALE



Air Monitoring
Air monitoring with the PID/FID measured 0 ppm in test pit soils and breathing zone, with the exception of soil inside sheet metal object (10.3 ppm at 0847). Dust monitoring with the mini-ram measured 0.0, except while scraping concrete block (1.25 at 0853).

TOP VIEW - NOT TO SCALE



NOTES: * Sample TP02-01 collected at approximately 4 ft bgs in the northeast portion of test pit. Length in from wall is approximate.

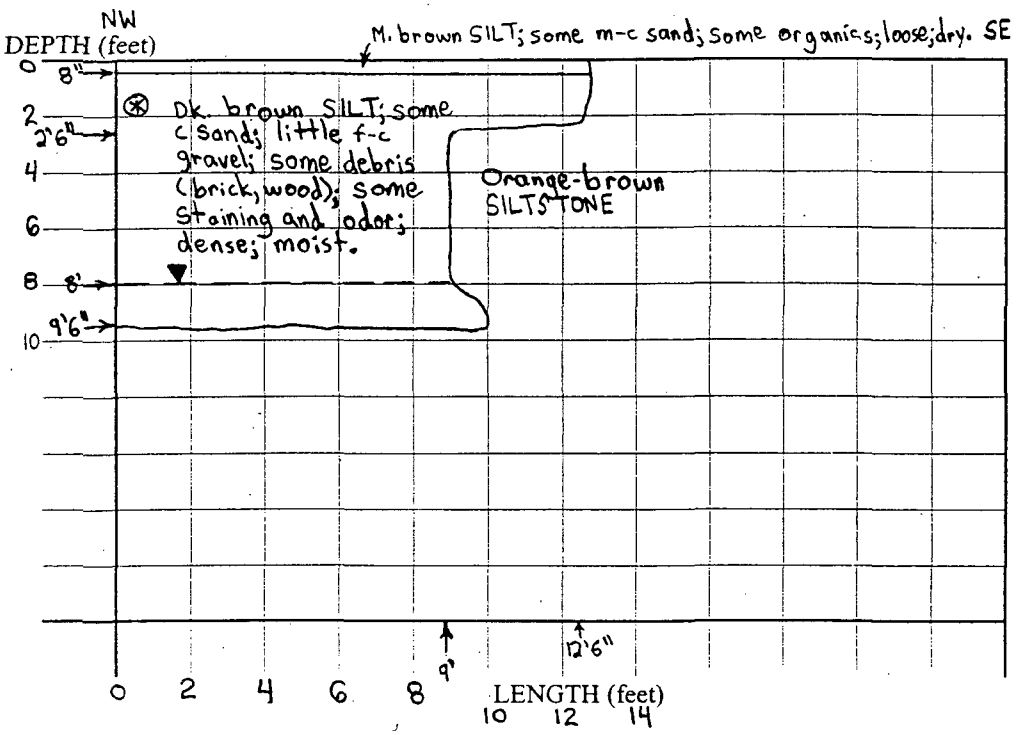
[1] Debris includes sheet metal, ceramic electrical parts, steel blocks, wood blocks, tarred paper, drum lid, 55-gallon drum, metal buckets, and railroad tie.

Legend:
PID: photo-ionization detector
FID: flame ionization detector
ppm: parts per million
ft: feet
bgs: below ground surface

TEST PIT RECORD

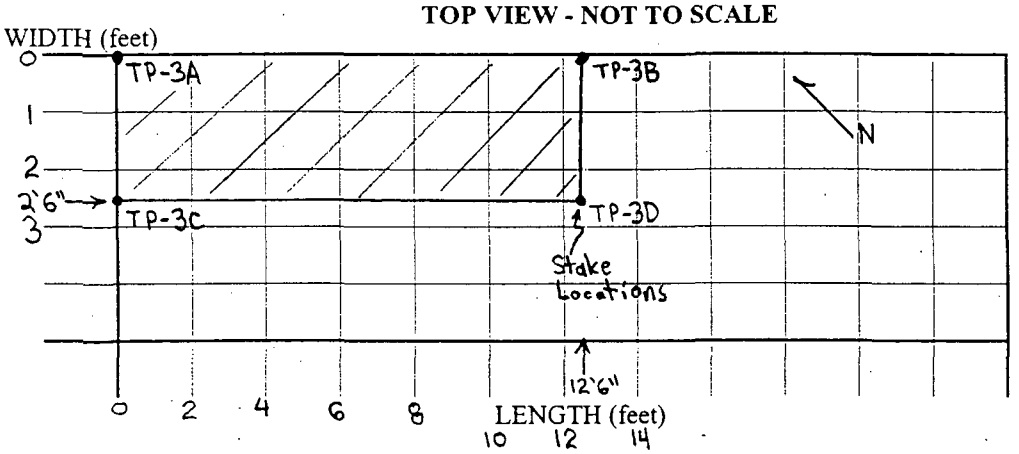
PROJECT:	Cornell-Dubilier Electronics Superfund	TEST PIT NUMBER:	TP03
PROJECT NO:	1945.1018.0300	DATE STARTED:	06/08/00
LOCATION:	Northeast portion of site, parallel to fence.	DATE COMPLETED:	06/08/00
GEOLOGIST:	M. Greenberg	GROUNDWATER DEPTH:	~8 feet bgs
EXCAVATION COMPANY:	Tabasco Drilling		

VERTICAL VIEW - NOT TO SCALE



PID/FID (ppm)
Air monitoring with the
PID and FID measured
0 ppm in test pit soils and
breathing zone, except:
FID = 2.6 ppm at 1206.
FID = 3.2 ppm at 1223.
PID = 11.7 ppm at 1223.

TOP VIEW - NOT TO SCALE



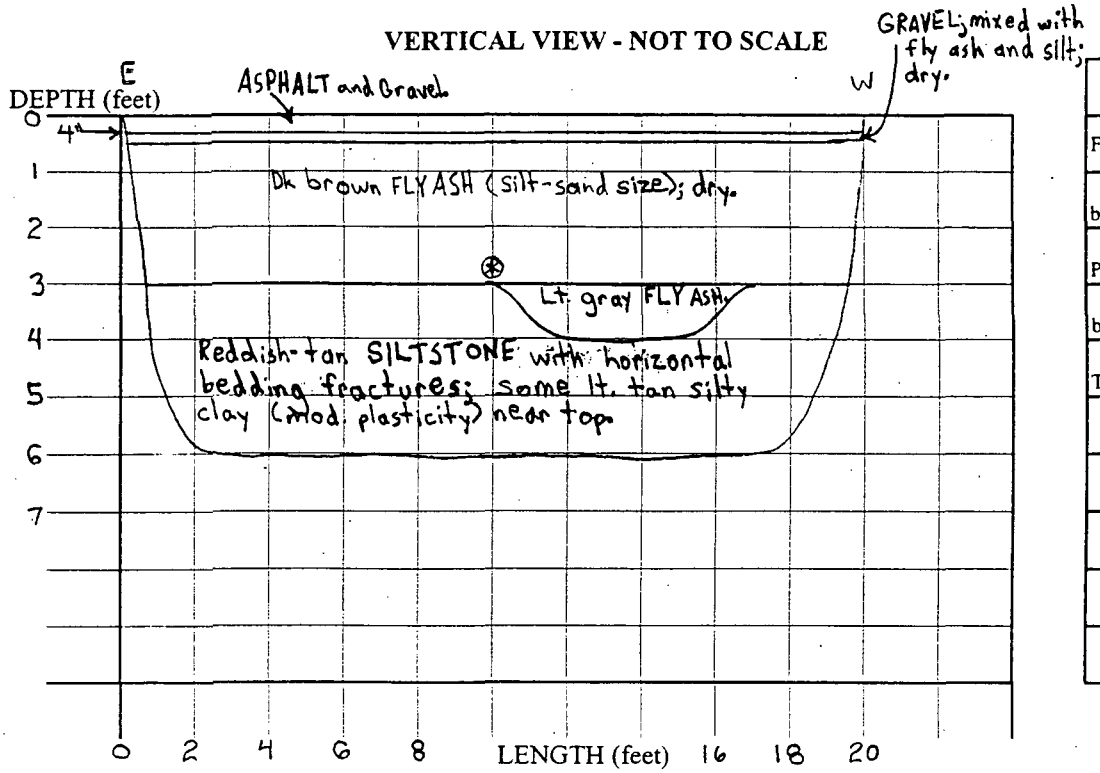
NOTES: * Sample TP03-01 and its duplicate, TP33-01, collected at approximately 1.5 ft bgs in northwest portion of test pit. Length in from wall is approximate.
Groundwater sample TPW03-01 collected from test pit.

Legend:
PID: photo-ionization detector
FID: flame ionization detector
ppm: parts per million
ft: feet
bgs: below ground surface

TEST PIT RECORD

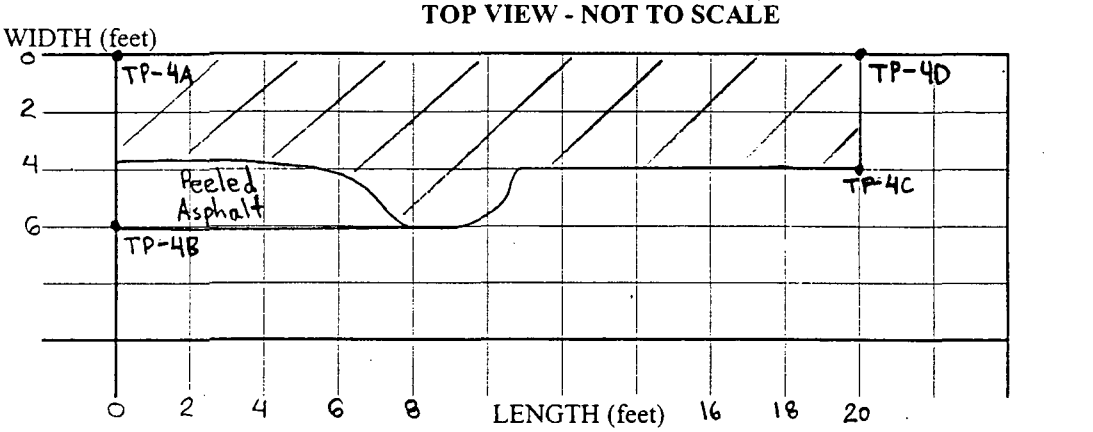
PROJECT:	Cornell-Dubilier Electronics Superfund	TEST PIT NUMBER:	TP04
PROJECT NO:	1945.1018.0300	DATE STARTED:	06/14/00
LOCATION:	Paved area, west-northwest of fence.	DATE COMPLETED:	06/14/00
GEOLOGIST:	T. Fowler	GROUNDWATER DEPTH:	Not Encountered
EXCAVATION COMPANY:	Tabasco Drilling		

VERTICAL VIEW - NOT TO SCALE



Air Monitoring
FID = 0 ppm in test pit and
breathing zone.
PID = 0 ppm in test pit and
breathing zone.
Testing conducted at 0831.

TOP VIEW - NOT TO SCALE



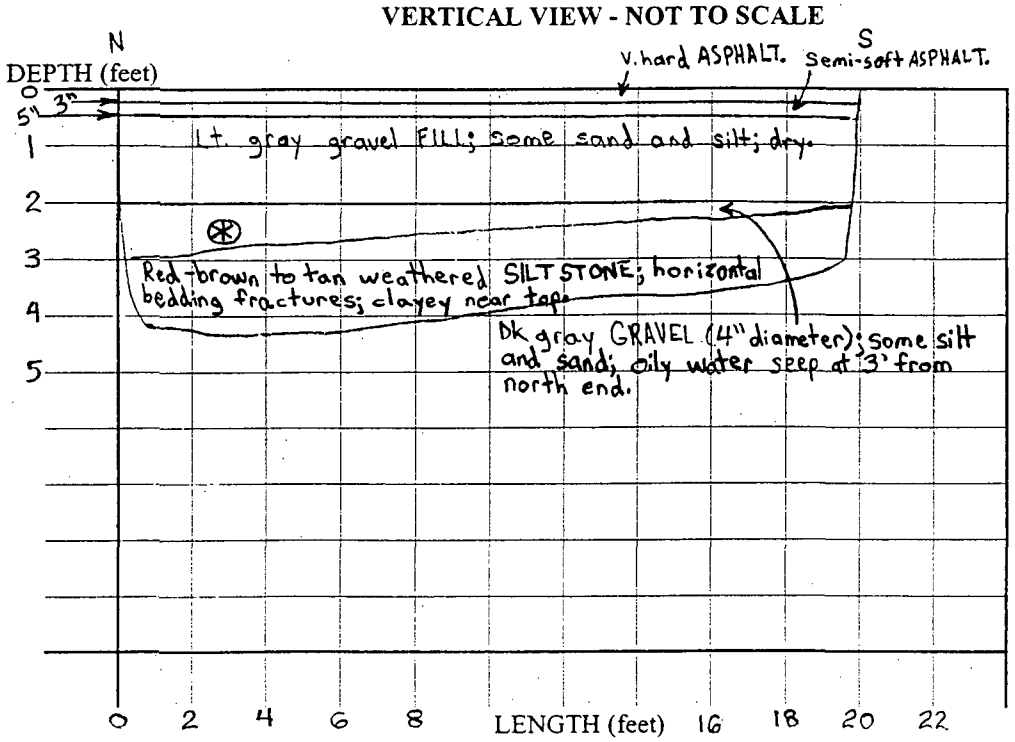
NOTES: * Sample TP04-01 collected at 3 ft bgs and approximately 10 ft from the eastern edge.

Legend:
PID: photo-ionization detector
FID: flame ionization detector
ppm: parts per million
ft: feet
bgs: below ground surface

TEST PIT RECORD

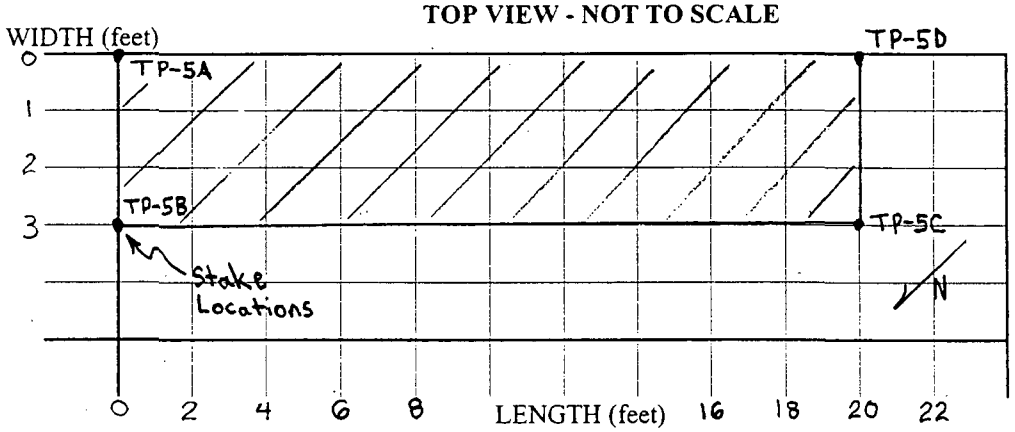
PROJECT:	Cornell-Dubilier Electronics Superfund	TEST PIT NUMBER:	TP05
PROJECT NO:	1945.1018.0300	DATE STARTED:	06/14/00
LOCATION:	Paved area, southwest of building 12.	DATE COMPLETED:	06/14/00
GEOLOGIST:	T. Fowler	GROUNDWATER DEPTH:	Not Encountered
EXCAVATION COMPANY:	Tabasco Drilling		

VERTICAL VIEW - NOT TO SCALE



Air Monitoring
Air monitoring with the
PID and FID measured
0 ppm in test pit, except:
FID = 8 ppm at 1421.
FID = 16.3 ppm at 1424.
FID = 91.2 ppm at 1427.
FID = 35.1 ppm at 1437.
Air monitoring with the
PID and FID measured
0 ppm in breathing zone,
except: FID = 1 ppm at 1437.

TOP VIEW - NOT TO SCALE



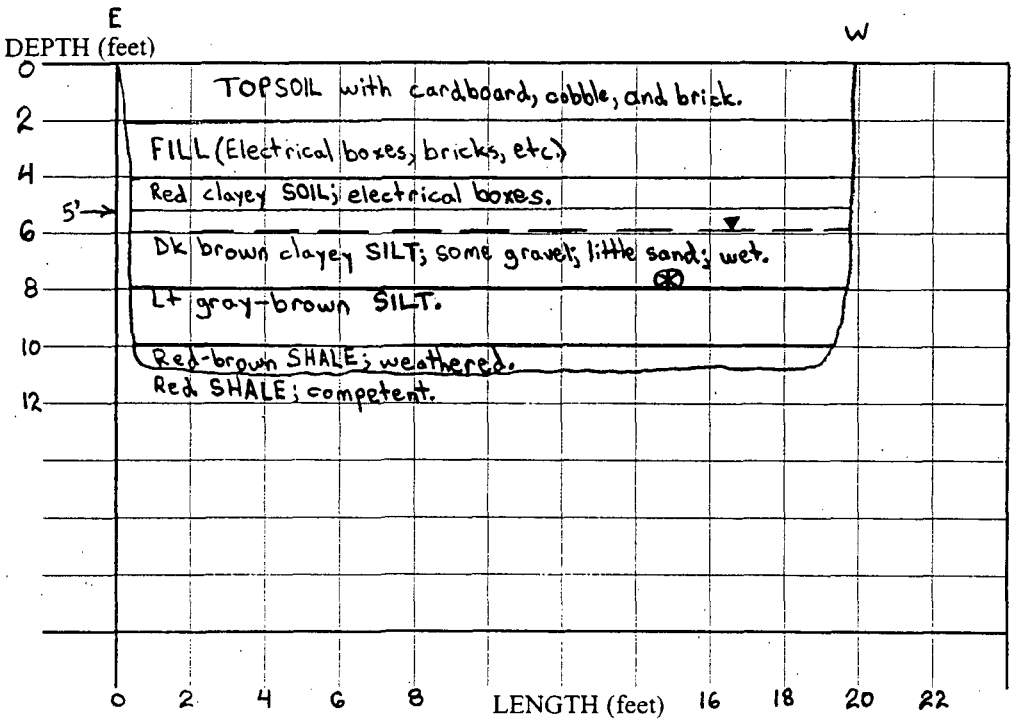
NOTES: * Sample TP05-01 collected at 2 to 3 ft bgs and approximately 3 ft from the northern edge. FID = 50 ppm in sample.

Legend:
PID: photo-ionization detector
FID: flame ionization detector
ppm: parts per million
ft: feet
bgs: below ground surface

TEST PIT RECORD

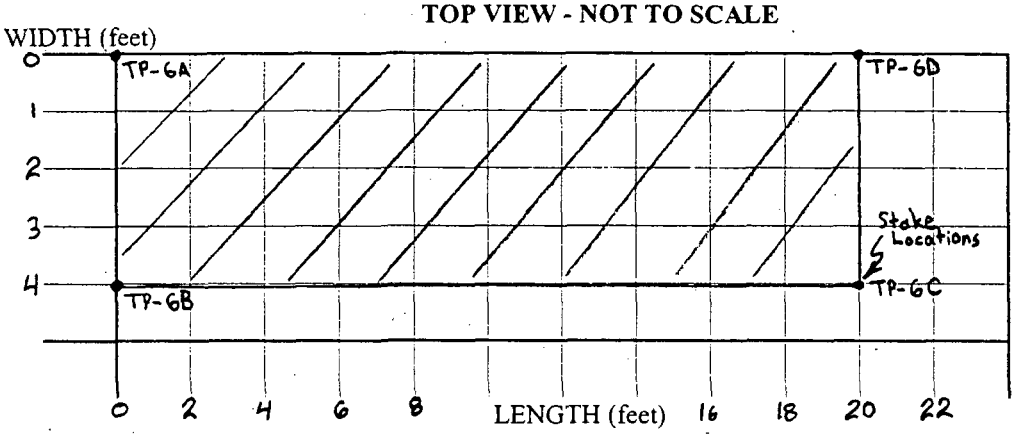
PROJECT:	Cornell-Dubilier Electronics Superfund	TEST PIT NUMBER:	TP06
PROJECT NO:	1945.1018.0300	DATE STARTED:	06/12/00
LOCATION:	West/southwest of truck driving school area.	DATE COMPLETED:	06/12/00
GEOLOGIST:	T. Fowler	GROUNDWATER DEPTH:	~ 6 ft bgs
EXCAVATION COMPANY:	Tabasco Drilling		Wet @~3 ft bgs

VERTICAL VIEW - NOT TO SCALE



Air Monitoring
Air monitoring with the PID
and FID measured 0 ppm in
test pit soils and breathing
zone, except:
FID = 26.9 ppm at 1507 in
test pit soils.
FID = 10.3 ppm at 1542 in
test pit soils.

TOP VIEW - NOT TO SCALE



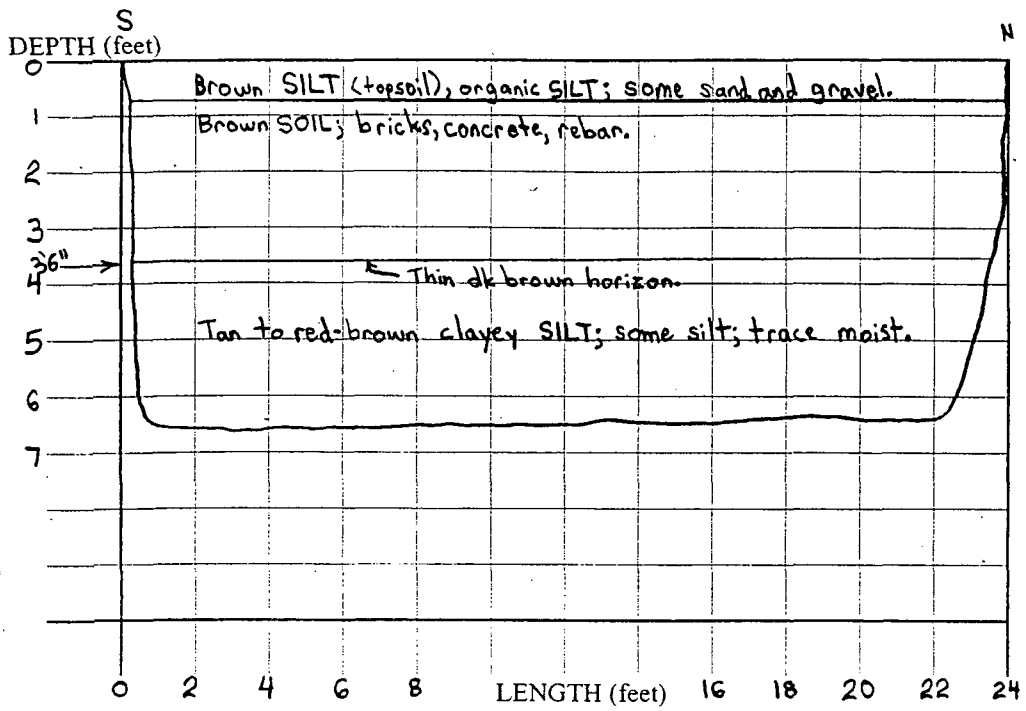
NOTES: * Sample TP06-01 collected at approximately 7 to 8 ft bgs and 5 ft from the western edge. Groundwater sample TPW06-01 collected from test pit.

Legend:
PID: photo-ionization detector
FID: flame ionization detector
ppm: parts per million
ft: feet
bgs: below ground surface

TEST PIT RECORD

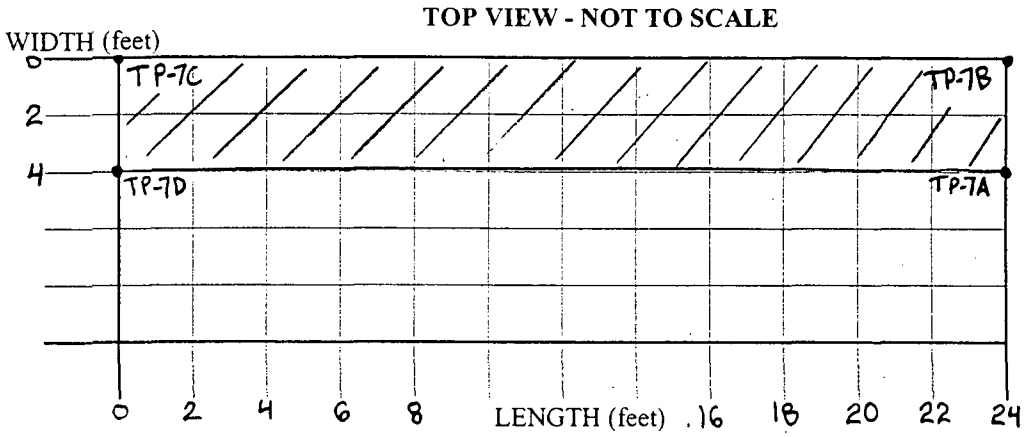
PROJECT:	Cornell-Dubilier Electronics Superfund	TEST PIT NUMBER:	TP07
PROJECT NO:	1945.1018.0300	DATE STARTED:	06/13/00
LOCATION:	Southwest of truck driving school fence.	DATE COMPLETED:	06/13/00
GEOLOGIST:	T. Fowler	GROUNDWATER DEPTH:	Not Encountered
EXCAVATION COMPANY:	Tabasco Drilling		

VERTICAL VIEW - NOT TO SCALE



Air Monitoring
Air monitoring with the PID
and FID measured 0 ppm in
test pit soils and breathing
zone, except:
FID = 0.8 to 0.9 ppm at 1051
in test pit soils.

TOP VIEW - NOT TO SCALE



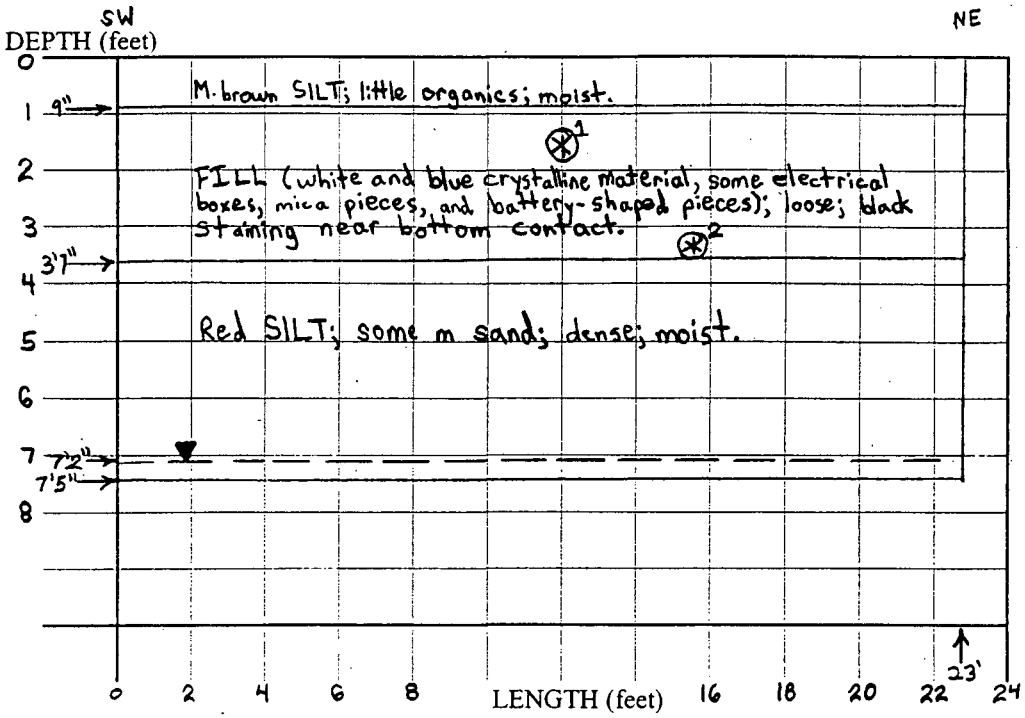
NOTES: No soil or groundwater samples collected.

Legend:
PID: photo-ionization detector
FID: flame ionization detector
ppm: parts per million
ft: feet
bgs: below ground surface

TEST PIT RECORD

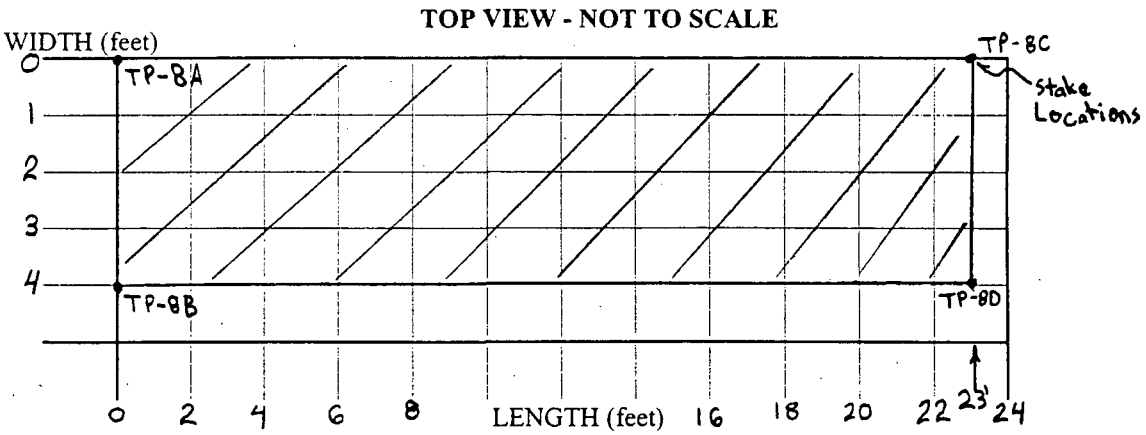
PROJECT: Cornell-Dubilier Electronics Superfund	TEST PIT NUMBER: TP08
PROJECT NO: 1945.1018.0300	DATE STARTED: 06/09/00
LOCATION: South of fence inside truck school area.	DATE COMPLETED: 06/09/00
GEOLOGIST: M. Greenberg	GROUNDWATER DEPTH: 7.2 ft bgs
EXCAVATION COMPANY: Tabasco Drilling	

VERTICAL VIEW - NOT TO SCALE



Air Monitoring
Air monitoring with the PID
and FID measured 0 ppm in
test pit soils and breathing
zone.
Dust monitoring with the
mini-ram measured 0.0.

TOP VIEW - NOT TO SCALE



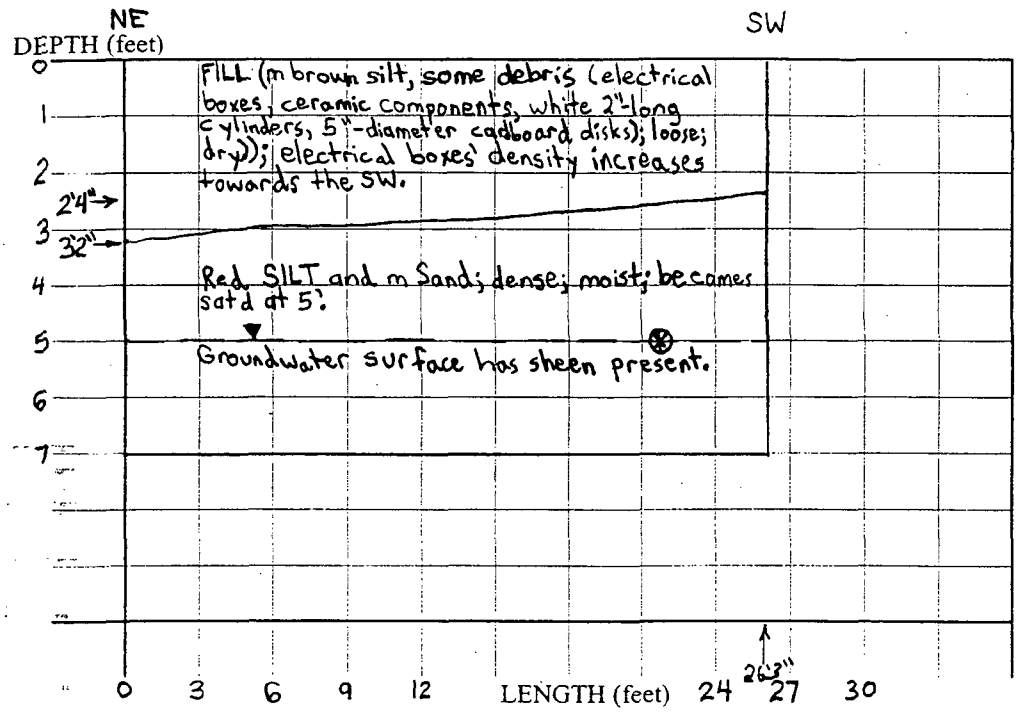
NOTES: *[1] Sample TP08-01 collected at 1.5 ft bgs and 11 ft from northeast edge.
*[2] Sample TP08-02 collected at 3.5 ft bgs and 7.5 ft from northeast edge.
Groundwater sample TPW08-01 collected from test pit.

Legend:
PID: photo-ionization detector
FID: flame ionization detector
ppm: parts per million
ft: feet
bgs: below ground surface

TEST PIT RECORD

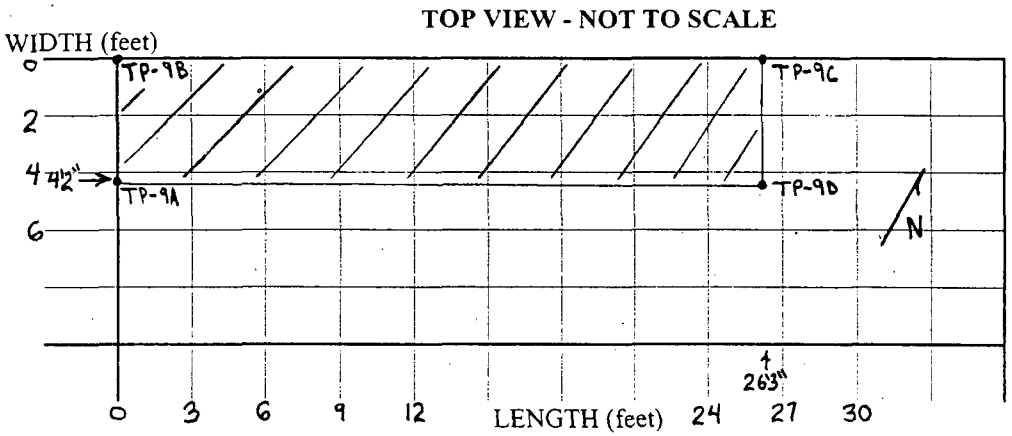
PROJECT:	Cornell-Dubilier Electronics Superfund	TEST PIT NUMBER:	TP09
PROJECT NO:	1945.1018.0300	DATE STARTED:	06/09/00
LOCATION:	West of eastern fence in truck school area.	DATE COMPLETED:	06/09/00
GEOLOGIST:	M. Greenberg	GROUNDWATER DEPTH:	5 ft bgs
EXCAVATION COMPANY:	Tabasco Drilling		

VERTICAL VIEW - NOT TO SCALE



Air Monitoring
Air monitoring with the PID
and FID measured 0 ppm
in the test pit soils and
breathing zone, except, in
test pit soils:
FID = 2.2 ppm at 1319.
FID = 13.3 ppm at 1403.
FID = 16.4 ppm at 1412.
In breathing zone:
FID = 2 ppm at 1403.
Dust monitoring with the
miniram measured 0.

TOP VIEW - NOT TO SCALE



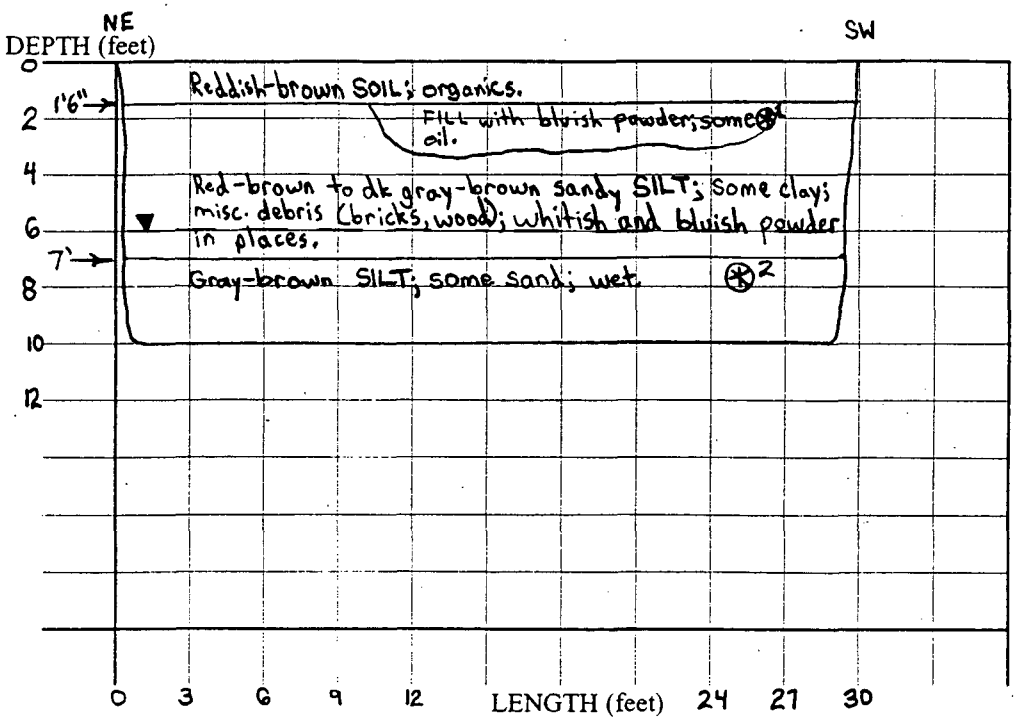
NOTES: * Sample TP09-01 collected at 5 ft bgs and 22 ft from the northeast edge.
Groundwater sample TPW09-01 and duplicate, TPW99-01, collected from test pit.

Legend:
PID: photo-ionization detector
FID: flame ionization detector
ppm: parts per million
ft: feet
bgs: below ground surface

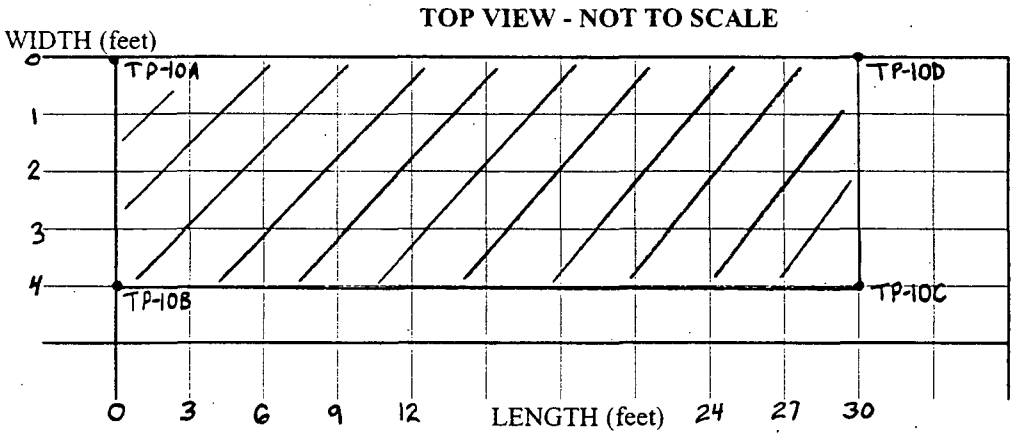
TEST PIT RECORD

PROJECT:	Cornell-Dubilier Electronics Superfund	TEST PIT NUMBER:	TP10
PROJECT NO:	1945.1018.0300	DATE STARTED:	06/12/00
LOCATION:	West/southwest area of truck driving school.	DATE COMPLETED:	06/12/00
GEOLOGIST:	T. Fowler	GROUNDWATER DEPTH:	~ 6 ft bgs
EXCAVATION COMPANY:	Tabasco Drilling		

VERTICAL VIEW - NOT TO SCALE



TOP VIEW - NOT TO SCALE



Air Monitoring
Air monitoring with the PID and FID measured 0 ppm in test pit soils and breathing zone except in test pit soils:
FID = 13.3 ppm, PID=7.6 ppm at 0919.
FID=24.4 ppm, PID=10.7 ppm at 0936.
FID=3.8 ppm, PID=8.3 ppm at 1008.
FID = 83.4 ppm at 1020.
FID = 2 ppm at 1032.
FID = 24 ppm at 1037.
FID=8.7 ppm, PID=10.7 ppm at 1042.
Dust monitoring with the mini-ram measured 0.0.

NOTES: *[1] Sample TP10-01 collected at approximately 2 ft bgs and 5 ft from southwest edge.
*[2] Sample TP10-02 collected at approximately 8 ft bgs and 6 ft from southwest edge.
Groundwater sample TPW10-01 collected from test pit.

Legend:
PID: photo-ionization detector
FID: flame ionization detector
ppm: parts per million
ft: feet
bgs: below ground surface

APPENDIX D

MONITORING WELL BORING LOGS/ WELL CONSTRUCTION DIAGRAMS

Project Name: Cornell-Dubilier	Site Id: MW01
Project Number: 1945.1018	
Logged By: T. Fowler	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	
Drilling Method: 6.25 in. id HSA, 3 in. split spoons	X Coordinate: 516243.47
	Y Coordinate: 635263.45
Remarks: Diedrich D-120 Rig. Well originally intended for this location was installed as MW01A. NAB: Not Above Background.	Elevation: 70.92'
	Date Started: 08/02/00
	Date Completed: 08/02/00

Depth (ft)	Sample No.	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Notes
	CDE-MW01-00	08/02/00	1110	45	- 16 20 50	SM/ML		0-0.5 Asphalt and coarse GRAVEL (subbase). 0.5-1 Coarse GRAVEL, fine to coarse medium brown to red brown sand, some silt. 1-2 Red brown SILT; weathered siltstone; dry.	NAB NAB	Sample from 0.00-2.00 ft.
1										
2	CDE-MW01-02	08/02/00	1125	100	38 100/.33	ML		Red brown weathered SILTSTONE; partially broken to silt-size particles; horizontal bedding; dry.	NAB NAB	Sample from 2.00-4.00 ft.
3										
4	CDE-MW01-04	08/02/00	1140	100	118/.5			Red brown weathered SILTSTONE, broken into 2 in by 0.25 in pieces and silt-size particles; dry.	NAB NAB	Sample from 4.00-6.00 ft.
5										
6								End of boring at 6 feet.		
7										
8										
9										
10										
11										
12										

Project Name: Cornell–Dubilier	Site Id: MW01A
Project Number: 1945.1018	Static Water Level: 15.66'
Location: South Plainfield, NJ	X Coordinate: 516299.16
Logged By: T. Fowler, C. Prothro	Y Coordinate: 635229.71
Contractor: Tabasco Drilling	Elevation: 70.48'
Drilling Method: 10in and 6in roller bits; 2in core barrel	Conductor Casing: type: Steel dia: 10.00in fm: 0.00' to: 6.00'
Date Started: 08/07/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: 0.0' to: 24.00'
Date Completed: 08/31/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 24.00' to: 49.00'
Remarks: Diedrich D–120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone. Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 22.00'; type: #0 Quartz Sand fm: 22.00' to: 23.00'; type: #1 Quartz Sand fm: 23.00' to: 49.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
	8/7/00	1129			PV		0–.17 Asphalt. .17–.5 Concrete.			Samples collected to 6' with hand auger. Borehole advanced with 6.25" HSA. Sample: CDE–MW01A–00
1					SM/ML		Red brown SILT to f SAND and ang–subang f–c siltstone gravel; trace silty clay.			
2	8/7/00	1145					Red brown SILT to f SAND and subrounded to angular f–c siltstone gravel; trace silty clay; dry.	0.0 ppm 0.0 ppm		
3										
4	8/7/00	1230						0.0 ppm 0.0 ppm		
5										
6	8/7/00	1720	100		SL		6–7.5 Red–brown SILTSTONE; highly fractured. 7.5–10.5 Red–brown SILTSTONE; horizontal fractures at approx. 1–4 ft apart; some calcareous material. 10.5–11.5 Red–brown SILTSTONE; highly fractured. At 10.75, weathering. At 11, vertical fracture. 11.5–12.2 Red–brown SILTSTONE; horizontal fractures at approx. 0.25–0.42 ft spacing with some calcite and/or aragonite micro–crystals. 12.2–12.3 Red–brown SILTSTONE; weathered zone. 12.3–13.5 Red–brown SILTSTONE; massive; horizontal fractures at 12.5 and 13 ft. 13.5–13.75 Red–brown SILTSTONE; well formed aragonite micro–crystals in vugs and fractures at 13.6 ft. 13.75–16 Red–brown SILTSTONE; massive; horizontal fractures at 14.3, 14.5, 15, 15.75, and 15.9 ft; aragonite and/or calcite micro–crystals at 14.3 ft.	0.0 ppm 0.0 ppm		10" Outer Casing to 6'. Core run #1: From 6–16'. Standard 2" core barrel. Rate of barrel advance ~0.3'/min. RQD=36%.
7										
8										
9										
10										
11										

Project Name: Cornell–Dubilier	Site Id: MW01A
Project Number: 1945.1018	Static Water Level: 15.66'
Location: South Plainfield, NJ	X Coordinate: 516299.16
Logged By: T. Fowler, C. Prothro	Y Coordinate: 635229.71
Contractor: Tabasco Drilling	Elevation: 70.48'
Drilling Method: 10in and 6in roller bits; 2in core barrel	Conductor Casing: type: Steel dia: 10.00in fm: 0.00' to: 6.00'
Date Started: 08/07/00	Blank Casing: type: TP 304 SS dia: 2.00in fm: 0.0' to: 24.00'
Date Completed: 08/31/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 24.00' to: 49.00'
Remarks: Diedrich D–120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone. Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 22.00'; type: #0 Quartz Sand fm: 22.00' to: 23.00'; type: #1 Quartz Sand fm: 23.00' to: 49.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
13										
14										
15										
16	8/8/00	1110	41		SL/MS		Red brown SILTSTONE/MUDSTONE with muscovite and calcareous micro–crystals; frequent fractures at 0.8–.25 ft; frequent horizontal fractures. 17.33–18.25, skolithos present. At 17.83 ft, high concentration of calcite and/or aragonite micro–crystals. At 16.58 and 19.33 ft, vertical fractures. At 17.71 ft, diagonal fractures. 23.92–26 Red brown SILTSTONE/MUDSTONE; visible sedimentary bedding structures.	0.0 ppm 0.0 ppm		6" Inner Casing t 16'. Core run #2: From 16–26'. Standard 2" core barrel. Rate of barrel advance ~0.3'/min. RQD=0%.
17										
18										
19										
20										
21										
22										
23										

Project Name: Cornell-Dubilier	Site Id: MW01A
Project Number: 1945.1018	Static Water Level: 15.66'
Location: South Plainfield, NJ	X Coordinate: 516299.16
Logged By: T. Fowler, C. Prothro	Y Coordinate: 635229.71
Contractor: Tabasco Drilling	Elevation: 70.48'
Drilling Method: 10in and 6in roller bits; 2in core barrel	Conductor Casing: type: Steel dia: 10.00in fm: 0.00' to: 6.00'
Date Started: 08/07/00	Blank Casing: type: TP 304 SS dia: 2.00in fm: 0.0' to: 24.00'
Date Completed: 08/31/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 24.00' to: 49.00'
Remarks: Diedrich D-120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone. Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 22.00'; type: #0 Quartz Sand fm: 22.00' to: 23.00'; type: #1 Quartz Sand fm: 23.00' to: 49.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
										2" Screen top at 24'.
25										
26	8/8/00	1558	100		SL		26-34 Red-brown SILTSTONE; some calcareous micro-crystals and m sand. At 26.67, 27.16, 27.38, 28.46, 29.54, 30.75, 31.75, 32.42, 32.75, 33.25, 34.33, 34.5, 35.25, 35.58, 35.75, and 36 ft, horizontal fractures. At 29, 32.75, 33, and 33.5 ft, vertical fractures. At 27, 28.5, and 32.17, diagonal fractures. 34-36 Red-brown MUDSTONE/SILTSTONE; some f-m sand.	0.0 ppm 0.0 ppm		Core run #3: From 26-36'. Standard 2" core barrel. Rate of barrel advance ~0.3'/min. RQD=36%. Water loss of ~4 gallons from 26-36'.
27										
28										
29										
30										
31										
32										
33										
34										
35										

Project Name: Cornell-Dubilier	Site Id: MW01A
Project Number: 1945.1018	Static Water Level: 15.66'
Location: South Plainfield, NJ	X Coordinate: 516299.16
Logged By: T. Fowler, C. Prothro	Y Coordinate: 635229.71
Contractor: Tabasco Drilling	Elevation: 70.48'
Drilling Method: 10in and 6in roller bits; 2in core barrel	Conductor Casing: type: Steel dia: 10.00in fm: 0.00' to: 6.00'
Date Started: 08/07/00	Blank Casing: type: TP 304 SS dia: 2.00in fm: 0.0' to: 24.00'
Date Completed: 08/31/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 24.00' to: 49.00'
Remarks: Diedrich D-120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone. Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 22.00'; type: #0 Quartz Sand fm: 22.00' to: 23.00'; type: #1 Quartz Sand fm: 23.00' to: 49.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
37			76							
38										
39	8/30/00	1636			SL/MS		Red brown SILTSTONE; frequent horizontal fractures spaced at 0.08-.25 ft; trace to some white calcareous deposits. At 40.5 ft, weathered gray-green anaerobic zone. At 41.83 ft, green-gray rounded f quartz grains and dark minerals. At 45 ft, frequent fracturing.	0.0 ppm 0.0 ppm		Core run #4: From 39-49'. Standard 2" core barrel. Rate of barrel advance ~0.2'/min. RQD=0.0% Water loss of ~12.5 gallons from 39'.
40										
41										
42										
43										
44										
45										
46										
47										
	8/31/00	0915	95				Red-brown SILTSTONE; frequent (~9) breaks at 0-10 degrees.			Core run #5 From 47.5-49'

Project Name: Cornell–Dubilier	Site Id: MW01A
Project Number: 1945.1018	Static Water Level: 15.66'
Location: South Plainfield, NJ	X Coordinate: 516299.16
Logged By: T. Fowler, C. Prothro	Y Coordinate: 635229.71
Contractor: Tabasco Drilling	Elevation: 70.48'
Drilling Method: 10in and 6in roller bits; 2in core barrel	Conductor Casing: type: Steel dia: 10.00in fm: 0.00' to: 6.00'
Date Started: 08/07/00	Blank Casing: type: TP 304 SS dia: 2.00in fm: 0.0' to: 24.00'
Date Completed: 08/31/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 24.00' to: 49.00'
Remarks: Diedrich D–120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone. Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 22.00'; type: #0 Quartz Sand fm: 22.00' to: 23.00'; type: #1 Quartz Sand fm: 23.00' to: 49.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
49							End of boring at 49 feet.			Standard 2" core barrel. RQD=0.0%. 2" screen bottom at 49'.
50										
51										
52										
53										
54										
55										
56										
57										
58										
59										

Project Name: Cornell-Dubilier	Site Id: MW02
Project Number: 1945.1018	
Logged By: T. Fowler	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	
Drilling Method: 6.25 in. id HSA, 3 in. split spoons	X Coordinate: 516713.32
	Y Coordinate: 635097.59
Remarks: Diedrich D-120 Rig. Well originally intended for this location was installed as MW02A. NAB: Not Above Background.	Elevation: 71.67'
	Date Started: 08/02/00
	Date Completed: 08/03/00

Depth (ft)	Sample No.	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Notes
	CDE-MW02-00	08/02/00	1515	20	– 6 5 4	ML/SM		0-.5 Asphalt and coarse gravel. 0.5-1.5 Dark gray brown SILT; some sand; dry; becomes brown m-c SAND; moist. 1.5-2.0 Red brown SILTSTONE; weathered.	NAB NAB	Sample from 0.00-2.00 ft.
1										
2	CDE-MW02-02	08/02/00	1520	100	4 5 9 9	ML		Red brown SILT; bedding not apparent; becoming moist with depth.	44 ppm 30 ppm	Sample from 2.00-4.00 ft.
3										
4	CDE-MW02-04	08/02/00	1530	100	4 9 36 45			Red brown SILT (weathered siltstone); moist; petroleum odors are noted.	40 ppm 400 ppm	Sample from 4.00-6.00 ft.
5										Hydropunch sample driven from 5-7'; due to insufficient sample volume, bailer sample is collected. (CDE-MWG02-01)
6								End of boring at 6 feet.		
7										Hydropunch refusal at 7.25 ft; possible concrete.
8										
9										
10										
11										
12										

Project Name: Cornell-Dubilier	Site Id: MW02A
Project Number: 1945.1018	Static Water Level: 14.29'
Location: South Plainfield, NJ	X Coordinate: 516642.49
Logged By: T. Brooks, C. Prothro	Y Coordinate: 635153.40
Contractor: Tabasco Drilling	Elevation: 71.22'
Drilling Method: 10in and 6in roller bits; 2in core barrel	Conductor Casing: type: Steel dia: 10.00in fm: 0.00' to: 12.00'
Date Started: 08/14/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: 0.2' to: 24.00'
Date Completed: 08/31/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 24.00' to: 49.00'
Remarks: Diedrich D-120 Rig, 4.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 21.00'; type: #0 Quartz Sand fm: 21.00' to: 23.00'; type: #1 Quartz Sand fm: 23.00' to: 49.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction MP. EL. 71.01	Notes
	8/14/00	0850			SM		0-0.08 Asphalt and Gravel subbase. 0.08-0.17 Gray-red to gray-orange silty SAND.	0.0 ppm 0.0 ppm		Samples collected to 4' with hand auger and from 4-10' with 3" split spoon. Borehole advanced with 4.25" HSA.
1										
2	8/14/00	1015					Red-brown to red-orange silty SAND and siltstone Gravel.	0.0 ppm 0.0 ppm		
3										
4	8/14/00	1020	87	40 87 100/.42			Red-brown to orange-brown silty SAND and weathered Siltstone with thin laminae of greenish-gray clayey silt.	15.5 ppm 12.9 ppm		
5										Sample: CDE-MW02A-04
6	8/14/00	1045	69	29 37 100/.42			Same as above.	12.3 ppm 9.7 ppm		6-8' Oily sheen on split spoon.
7										Sample: CDE-MW02A-06
8	8/14/00	1055	75	30 75 100/.25			Same as above.	17.1 ppm 15.2 ppm		
9										Sample: CDE-MW02A-08
10	8/14/00		NA	NA			Same as above.			
11										Auger refusal at 12'. Install 10" Outer Casing to 12'.

Project Name: Cornell-Dubilier	Site Id: MW02A
Project Number: 1945.1018	Static Water Level: 14.29'
Location: South Plainfield, NJ	X Coordinate: 516642.49
Logged By: T. Brooks, C. Prothro	Y Coordinate: 635153.40
Contractor: Tabasco Drilling	Elevation: 71.22'
Drilling Method: 10in and 6in roller bits; 2in core barrel.	Conductor Casing: type: Steel dia: 10.00in fm: 0.00' to: 12.00'
Date Started: 08/14/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: 0.2' to: 24.00'
Date Completed: 08/31/00	Screens: type: Slotted size: 0.010in, dia: 2.00in fm: 24.00' to: 49.00'
Remarks: Diedrich D-120 Rig, 4.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 21.00' type: #0 Quartz Sand fm: 21.00' to: 23.00' type: #1 Quartz Sand fm: 23.00' to: 49.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
	8/15/00	1105	85		SL/MS		12-16.5 Red-brown SILTSTONE to MUDSTONE; horizontal fractures at 0.16-0.25 ft spacing. At 12.92 ft, calcareous deposits. At 13.17 ft, diagonal fracture. At 13.75 ft, vugs. At 16.25 ft, horizontal fracture. 16.5-22 Red-brown SILTSTONE to MUDSTONE; horizontal fractures at 0.08-0.25 ft spacing; characterized by zones of heavy weathering. At 19.6 ft, diagonal fracture. At 20.25 ft, heavily weathered. At 18, 18.6, and 20 ft, vugs.	0.0 ppm 0.0 ppm		Core run #1: From 12-22'. Standard 2" core barrel. Rate of barrel advance ~0.08'/min. RQD=23.5%.
13										
14										
15										
16										
17										At 17.0', some water loss.
18										At 18.5', more water loss. 6" Inner Casing to 18.5'.
19	8/16/00	1323	62				19-19.16 Red-brown SANDSTONE; horizontal fractures at 0.08-0.25 ft spacing. 19.6-23.92 Red-brown SILTSTONE to MUDSTONE; horizontal fractures at 0.08-0.25 ft spacing. 23.92-25.16 Red-brown SILTSTONE to MUDSTONE; horizontal fractures at 0.33 ft spacing. At 19.67 and 22.83, horizontal fractures. At 20.33, diagonal fracture. At 19.16, 21.67, 22.67, weathering. At 19.75 and 20.0, vugs. At 19.46, 21.25, 21.75, 22.5, and 23.5, calcareous deposits.	0.0 ppm 0.0 ppm		Core run #2: From 19-29'. Standard 2" core barrel. Rate of barrel advance ~0.1'/min. RQD=21.6%. At 21', water loss.
20										
21										
22										
23										At 23', water loss.

Project Name: Cornell-Dubilier	Site Id: MW02A
Project Number: 1945.1018	Static Water Level: 14.29'
Location: South Plainfield, NJ	X Coordinate: 516642.49
Logged By: T. Brooks, C. Prothro	Y Coordinate: 635153.40
Contractor: Tabasco Drilling	Elevation: 71.22'
Drilling Method: 10in and 6in roller bits; 2in core barrel.	Conductor Casing: type: Steel dia: 10.00in fm: 0.00' to: 12.00'
Date Started: 08/14/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: 0.2' to: 24.00'
Date Completed: 08/31/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 24.00' to: 49.00'
Remarks: Diedrich D-120 Rig, 4.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 21.00'; type: #0 Quartz Sand fm: 21.00' to: 23.00'; type: #1 Quartz Sand fm: 23.00' to: 49.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
										2" Screen top at 24'.
25										
26										
27										
28										
29	8/16/00	1535	92				29-31 Red-brown SILTSTONE to MUDSTONE; horizontal fractures at 0.08 to 0.25 ft spacing. 31-31.2 Red-brown SILTSTONE to MUDSTONE; weathered; horizontal fractures at 0.08 to 0.25 ft spacing. 31.2-32 Red-brown SILTSTONE to MUDSTONE; horizontal fractures at 0.08 to 0.25 ft spacing. 32-33.2 Red-brown SILTSTONE to MUDSTONE; horizontal fractures at 0.33 to 0.42 ft spacing. 33.2-33.3 Red-brown SILTSTONE to MUDSTONE; weathered; horizontal fractures at 0.33 to 0.42 ft spacing. 33.3-34.16 Red-brown SILTSTONE to MUDSTONE; horizontal fractures at 0.33 to 0.42 ft spacing. 34.16-34.7 Red-brown SILTSTONE to MUDSTONE; weathered; horizontal fractures at 0.08 to 0.16 ft spacing. 34.7-35.16 Red-brown SILTSTONE to MUDSTONE; horizontal fractures at 0.08 to 0.16 ft spacing. 35.16-36.16 Red-brown SILTSTONE to MUDSTONE. 36.16-36.5 Red-brown SILTSTONE to MUDSTONE; horizontal fractures at 0.08 ft spacing. 36.5-36.8 Red-brown SILTSTONE to MUDSTONE; anaerobic green-gray precipitate; horizontal fractures at 0.08 ft spacing. 36.8-37 Red-brown SILTSTONE to MUDSTONE; horizontal fractures at 0.08 ft spacing. 37-37.6 Red-brown SILTSTONE to MUDSTONE; weathered; horizontal fractures at 0.08 ft spacing. At 30, 31.75 and 33.5 ft, green-gray precipitate. At 36.6 ft, diagonal fracture. 37.6-38.25 Red-brown SILTSTONE to MUDSTONE	0.0 ppm 0.0 ppm		Core run #3: From 29-39'. Standard 2" core barrel. Rate of barrel advance ~0.1'/min. RQD=21.6%.
30										
31										
32										
33										
34										
35										

Project Name: Cornell-Dubilier	Site Id: MW02A
Project Number: 1945.1018	Static Water Level: 14.29'
Location: South Plainfield, NJ	X Coordinate: 516642.49
Logged By: T. Brooks, C. Prothro	Y Coordinate: 635153.40
Contractor: Tabasco Drilling	Elevation: 71.22'
Drilling Method: 10in and 6in roller bits; 2in core barrel.	Conductor Casing: type: Steel dia: 10.00in fm: 0.00' to: 12.00'
Date Started: 08/14/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: 0.2' to: 24.00'
Date Completed: 08/31/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 24.00' to: 49.00'
Remarks: Diedrich D-120 Rig, 4.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 21.00'; type: #0 Quartz Sand fm: 21.00' to: 23.00'; type: #1 Quartz Sand fm: 23.00' to: 49.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
							At 29.83-30, 31.75, 33.58, 34.5-34.75, and 37-37.66 ft, vugs. At 31.75, 33.58, and 36.5-36.83 ft, calcareous deposits.			
37										
38										At 38', water loss. At 39', water loss.
39	9/14/00		100				39-44 Red-brown SILTSTONE to MUDSTONE; horizontal fractures at 0.42-0.5 ft spacing; characterized by weathered to heavily weathered zones. At 39.8 ft, diagonal fracture. At 39.08, 40.5, 41.16-41.33, and 43 ft, calcareous deposits. At 39.33, 41.16, 42.75, and 42.92 ft, vugs. At 40.38-40.46 ft, gray weathered zone.	0.3 ppm 0.3 ppm		Core run #4: From 39-44'. Standard 2" core barrel. Rate of barrel advance ~0.09'/min. RQD=37%.
40										
41										At 40', water loss.
42										
43										At 43', water loss.
44			96				44-44.6 Red-brown SILTSTONE to sandy MUDSTONE; horizontal fractures at 0.08-0.21 ft spacing; trace to some white calcareous-filled vugs and fractures. 44.6-45 Red-brown SILTSTONE to sandy MUDSTONE; frequent fractures; horizontal fractures at 0.08-0.21 ft spacing; trace to some white calcareous-filled vugs and fractures. At 45 Vertical fracture with trace dark staining. 45-46 Red-brown SILTSTONE to sandy MUDSTONE; horizontal fractures at 0.08-0.21 ft spacing; trace to some white calcareous-filled vugs and fractures. 46-47 Red-brown SILTSTONE to sandy MUDSTONE; horizontal fractures at 0.08-0.21 ft spacing; some white calcareous-filled vugs and fractures. 47-47.7 Red-brown SILTSTONE to sandy MUDSTONE; horizontal fractures at 0.08-0.21 ft spacing; trace to some white calcareous-filled vugs and fractures.	0.0 ppm 0.0 ppm		Core run #5: From 44-49'. Standard 2" core barrel. RQD=20.8%.
45										
46										
47										

Project Name: Cornell-Dubilier	Site Id: MW02A
Project Number: 1945.1018	Static Water Level: 14.29'
Location: South Plainfield, NJ	X Coordinate: 516642.49
Logged By: T. Brooks, C. Prothro	Y Coordinate: 635153.40
Contractor: Tabasco Drilling	Elevation: 71.22'
Drilling Method: 10in and 6in roller bits; 2in core barrel.	Conductor Casing: type: Steel dia: 10.00in fm: 0.00' to: 12.00'
Date Started: 08/14/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: 0.2' to: 24.00'
Date Completed: 08/31/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 24.00' to: 49.00'
Remarks: Diedrich D-120 Rig, 4.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 21.00' type: #0 Quartz Sand fm: 21.00' to: 23.00' type: #1 Quartz Sand fm: 23.00' to: 49.00'

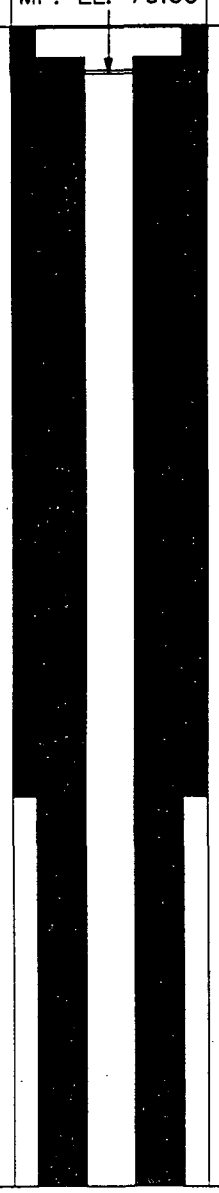
Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
49							47.7-47.9 Vertical fracture with trace dark staining. 47.9-48.8 Red-brown SILTSTONE to sandy MUDSTONE; horizontal fractures at 0.08-0.21 ft spacing; trace to some white calcareous-filled vugs and fractures. End of boring at 49 feet.			2" Screen bottom at 49'.
50										
51										
52										
53										
54										
55										
56										
57										
58										
59										

301019

Project Name: Cornell–Dubilier	Site Id: MW03
Project Number: 1945.1018	Static Water Level: 12.84'
Location: South Plainfield, NJ	X Coordinate: 516827.35
Logged By: T. Fowler	Y Coordinate: 634878.57
Contractor: Tabasco Drilling	Elevation: 71.11'
Drilling Method: 10in and 6in roller bits; 2in core barrel	Conductor Casing: type: Steel dia: 10.00in fm: 0.00' to: 8.00'
Date Started: 08/03/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: 0.5' to: 17.00'
Date Completed: 08/18/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 17.00' to: 32.00'
Remarks: Diedrich D–120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 14.00'; type: #0 Quartz Sand fm: 14.00' to: 15.00'; type: #1 Quartz Sand fm: 15.00' to: 32.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Notes
	8/3/00	1445	60	– 17 18 22	SW		Asphalt. Gray–brown f–c SAND; some silt and f gravel. 1.4–1.9 Gray angular GRAVEL; some lt yellow brown sand; dry. At 1.5 ft, dark gray–black stain. 1.9–2.0 Red–brown weathered SILTSTONE.	NAB NAB	Samples collected to 7' with 3" split spoon. Borehole advanced with 6.25" HSA. Sample: CDE–MW03-00
1									
2	8/3/00	1500	50	8 8 8 6	ML		Red–brown SILT; dry to trace moist; siltstone fragment near bottom.		
3								NAB NAB	Sample: CDE–MW03-02
4	8/3/00	1510	70	6 5 4 6			Red–brown SILT; moist to dry; low to moderate plasticity.		
5								NAB NAB	Sample: CDE–MW03-04
6	8/3/00	1525	100	46 100/.42			6–7 Red–brown weathered SILTSTONE; friable with horizontal bedding planes; dry to slightly moist.		Sample: CDE–MW03-06
7	8/4/00	1423					7–14 Red–brown SILTSTONE, very broken to 14 ft, 0.25 in, to 2 in bedding plane, 0 degree breaks, some 70 to 90 degree breaks. 14–17 Clayey SILT and SAND in a gummy matrix; 0 and 80 degree fractures, 0.5 in to 4 in pieces.	NAB NAB	Core run #1: From 7–17'. Standard 2" core barrel. RQD=2%. 10" Outer Casing to 8'.
8			35		SL				
9									
10									
11									

Well Construction: MP. EL. 70.60



Project Name: Cornell-Dubilier	Site Id: MW03
Project Number: 1945.1018	Static Water Level: 12.84'
Location: South Plainfield, NJ	X Coordinate: 516827.35
Logged By: T. Fowler	Y Coordinate: 634878.57
Contractor: Tabasco Drilling	Elevation: 71.11'
Drilling Method: 10in and 6in roller bits; 2in core barrel	Conductor Casing: type: Steel dia: 10.00in fm: 0.00' to: 8.00'
Date Started: 08/03/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: 0.5' to: 17.00'
Date Completed: 08/18/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 17.00' to: 32.00'
Remarks: Diedrich D-120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 14.00' type: #0 Quartz Sand fm: 14.00' to: 15.00' type: #1 Quartz Sand fm: 15.00' to: 32.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
13										
14										
15										
16										
17	8/7/00	1140	84				17-19 Red-brown SILTSTONE; highly fractured; 0 and 90 degree fractures. 19-21 Red-brown SILTSTONE; very highly fractured; some 0 degree fractures. 21-22 Red-brown SILTSTONE; very highly fractured; some 0 and 90 degree fractures. 22-23 Red-brown SILTSTONE; very highly fractured; some 0 degree fractures. 23-24 Red-brown SILTSTONE; possible weathered zone; probable inflow zone; 70 degree fracture. 24-27 Red-brown SILTSTONE; fractures at 0 and 30 degrees; fractures filled in with silt; 0.25 in vugs near bottom.	NAB NAB		2" Screen top at 17'. Core run #2: From 17-27'. Standard 2" core barrel. RQD=16%. 6" Inner Casing to 18'.
18										
19										
20										
21										
22										
23										

Project Name: Cornell–Dubilier	Site Id: MW03
Project Number: 1945.1018	Static Water Level: 12.84'
Location: South Plainfield, NJ	X Coordinate: 516827.35
Logged By: T. Fowler	Y Coordinate: 634878.57
Contractor: Tabasco Drilling	Elevation: 71.11'
Drilling Method: 10in and 6in roller bits; 2in core barrel	Conductor Casing: type: Steel dia: 10.00in fm: 0.00' to: 8.00'
Date Started: 08/03/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: 0.5' to: 17.00'
Date Completed: 08/18/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 17.00' to: 32.00'
Remarks: Diedrich D–120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 14.00'; type: #0 Quartz Sand fm: 14.00' to: 15.00'; type: #1 Quartz Sand fm: 15.00' to: 32.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
25										
26										
27	8/7/00						Red–brown SILTSTONE; trace 0 degree fractures to 32 ft; 27.8 and 28.8 ft, possible 0–20 degree fractures; at 31 ft, 10 degree fractures with blue weathering.	NAB NAB		Core run #3: From 27–32'. Standard 2" core barrel.
28										
29										
30										
31										
32							End of boring at 32 feet.			2" Screen bottom at 32'.
33										
34										
35										

Project Name: Cornell-Dubilier	Site Id: MW04
Project Number: 1945.1018	Static Water Level: 13.26'
Location: South Plainfield, NJ	X Coordinate: 516853.13
Logged By: C. Prothro, T. Fowler	Y Coordinate: 634679.23
Contractor: Tabasco Drilling	Elevation: 72.61'
Drilling Method: 10in and 6in roller bits; 2in core bar.	Conductor Casing: type: Steel dia: 10.00in fm: 0.00' to: 15.00'
Date Started: 08/15/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: 1.2' to: 29.00'
Date Completed: 09/13/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 29.00' to: 49.00'
Remarks: Diedrich D-120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 25.00' type: fm: 25.00' to: 27.00' type: fm: 27.00' to: 49.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction MP. EL. 71.46	Notes
	8/15/00	1315	75	17 37 26 20	SM		0-0.1 ASPHALT. 0.1-0.9 Black silty SAND; trace to some fill (brick, cinder, ash) and subrounded to subangular f gravel; semi-dry. 0.9-1.5 Red brown to orange brown silty SAND and weathered Siltstone; dry.	0.0 ppm 0.0 ppm		Samples collected to 15' with 3" split spoon. Borehole advanced with 6.25" HSA. Sample: CDE-MW04-00
1										
2	8/15/00	1330	57	27 22 25 29			Red-brown to orange-brown silty SAND and yellow-brown, blue-black, gray silty Sand, subrounded to subangular f siltstone Gravel, and Fill (cinder and ash); loose; dry.	0.0 ppm 0.0 ppm		
3										
4	8/15/00	1336	50	17 14 10 13			Red-brown to orange-brown silty SAND and yellow-brown, blue-black, gray silty Sand, subrounded to subangular f siltstone Gravel, Fill (cinder and ash), and Slag fragments; loose; dry.	0.0 ppm 3.9 ppm		
5										Sample: CDE-MW04-04
6	8/15/00	1348	60	9 10 9 8	SM/CH		Red-brown to red silty SAND and Fill; grades to silty CLAY and subrounded m-c siltstone and sandstone Gravel; semi-dense; moist.	0.3 ppm 6.1 ppm		
7										
8	8/15/00	1355	0	6 7 6 4			No recovery.			
9										
10	8/15/00	1410	65	2 2 10 41	MH/CH		Red-brown to brown-red clayey SILT to silty CLAY; trace to some subangular to subrounded siltstone and sandstone gravel.	1.4 ppm 4.0 ppm		
11										

Project Name: Cornell–Dubilier	Site Id: MW04
Project Number: 1945.1018	Static Water Level: 13.26'
Location: South Plainfield, NJ	X Coordinate: 516853.13
Logged By: C. Prothro, T. Fowler	Y Coordinate: 634679.23
Contractor: Tabasco Drilling	Elevation: 72.61'
Drilling Method: 10in and 6in roller bits; 2in core bar.	Conductor Casing: type: Steel dia: 10.00in fm: 0.00' to: 15.00'
Date Started: 08/15/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: 1.2' to: 29.00'
Date Completed: 09/13/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 29.00' to: 49.00'
Remarks: Diedrich D–120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 25.00' type: fm: 25.00' to: 27.00' type: fm: 27.00' to: 49.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
	8/15/00	1600	58	28 1 /.42	SL		12–12.8 Red–brown clayey SILT to silty CLAY and subrounded to subangular f–m siltstone and sandstone Gravel.	1.2 ppm 3.7 ppm		
13							12.8–13.15 Red–brown SILTSTONE; weathered; wet.			Sample: CDE–MW04-12
14	8/15/00	1625	30	57 1 /.25			Red–brown to orange–brown SILTSTONE; massive; weathered; dry.	0.0 ppm 3.7 ppm		Bailer Sample: CDE–MWG0
15	8/16/00	1415	78				15–17.75 Red–brown SILTSTONE to MUDSTONE; frequent horizontal fractures at <1–2" spacing; becomes heavily weathered at 17.5 ft.	0.0 ppm 0.0 ppm		10" Outer Casing to 15'. Core run #1: From 15–22'. Standard 2" core barrel. Rate of barrel advance ~0.06'/min. RQD=0%.
16					SL/MS		17.75–19.58 Red–brown SILTSTONE; massive; horizontal fractures at 0.08 to 0.25 ft apart. At 18.58 and 18.92 ft, diagonal fractures present.			
17							19.58–21.08 Red–brown MUDSTONE; heavily fractured and weathered.			
18										
19										
20										
21										
22										
23										

FW	Project Name: Cornell-Dubilier	Site Id: MW04
	Project Number: 1945.1018	Static Water Level: 13.26'
	Location: South Plainfield, NJ	X Coordinate: 516853.13
	Logged By: C. Prothro, T. Fowler	Y Coordinate: 634679.23
Contractor: Tabasco Drilling		Elevation: 72.61'
Drilling Method: 10in and 6in roller bits; 2in core bar.		Conductor Casing: type: Steel dia: 10.00in fm: 0.00' to: 15.00'
Date Started: 08/15/00		Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: 1.2' to: 29.00'
Date Completed: 09/13/00		Screens: type: Slotted size: 0.010in dia: 2.00in fm: 29.00' to: 49.00'
Remarks: Diedrich D-120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.		Annular Fill: type: Bentonite fm: 0.33' to: 25.00' type: fm: 25.00' to: 27.00' type: fm: 27.00' to: 49.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
25	9/12/00	1420	100		SL		25-27 Red-brown SILTSTONE; fractures spaced at 0.04-.25 ft at 80 to 90 degrees. 27-27.9 Red-brown SILTSTONE to MUDSTONE; finely bedded; fractures at 10 degrees. 27.9-28.6 SILTSTONE to MUDSTONE; vertical and horizontal fractures. 28.6-29.6 Red-brown SILTSTONE; some 0-10 degree and 40 degree fractures and 0.02 ft vugs. 29.6-30.6 Silty MUDSTONE; irregular fractures; becomes mudstone. 30.6-32.5 Dk red-brown to red-gray MUDSTONE; weathered; 10 degree fractures; fine white laminae; trace shaley. 32.5-33.3 Dk red-brown to red-gray MUDSTONE; 10 degree fractures; fine white laminae; trace shaley. 33.3-33.5 Blue SILTSTONE; 0.08 ft fractures at 10 degrees; weathered.	0.0 ppm 0.0 ppm		6" Inner Casing to 25'. Core run #2: From 25-34'. Standard 2" core barrel. RQD=21%.
26										
27					SL/MS					
28										
					SL					
29										2" Screen top at 29'.
					MS					
30										
					MS/SL					
31										
32										
33										At 33.5', lost water circulation.
34	9/12/00	1430	100		MS		34-35 Dk red-brown to red-gray MUDSTONE; heavily fractured at 0 degrees. At 35, Dk red-brown to red-gray MUDSTONE; weathered. 35-44 Red brown SILTSTONE to MUDSTONE; massive; fine laminae; trace 0 to 30 degree fractures. At 35.1, 36.2, and 40.2 ft, weathered zones present.	0.0 ppm 0.0 ppm		Core run #3: From 34-44'. Standard 2" core barrel. RQD=73%. Pulsating water loss; net loss ~10 gallons.
35					SL/MS					

Project Name: Cornell–Dubilier	Site Id: MW04
Project Number: 1945.1018	Static Water Level: 13.26'
Location: South Plainfield, NJ	X Coordinate: 516853.13
Logged By: C. Prothro, T. Fowler	Y Coordinate: 634679.23
Contractor: Tabasco Drilling	Elevation: 72.61'
Drilling Method: 10in and 6in roller bits; 2in core bar.	Conductor Casing: type: Steel dia: 10.00in fm: 0.00' to: 15.00'
Date Started: 08/15/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: 1.2' to: 29.00'
Date Completed: 09/13/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 29.00' to: 49.00'
Remarks: Diedrich D–120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 25.00' type: fm: 25.00' to: 27.00' type: fm: 27.00' to: 49.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
37										
38										
39										
40										
41										
42										
43										
44	9/13/00	0845	100		SL		44–45 Red-brown SILTSTONE; massive; trace 0 to 10 degree fractures. At 45 ft, Red-brown SILTSTONE; massive; small vugs present. 45–46 Red-brown SILTSTONE; massive; fractures at 30 degrees. 46–47 Red-brown SILTSTONE; massive; highly fractured at 0 and 90 degrees.	0.0 ppm 15.0 ppm		Core run #4: From 44–49'. Standard 2" core barrel. RQD=25%. Water loss of over 100 gallons.
45										
46										
47										FID peak at 15 ppm from 46–47 feet.

Project Name: Cornell–Dubilier	Site Id: MW04
Project Number: 1945.1018	Static Water Level: 13.26'
Location: South Plainfield, NJ	X Coordinate: 516853.13
Logged By: C. Prothro, T. Fowler	Y Coordinate: 634679.23
Contractor: Tabasco Drilling	Elevation: 72.61'
Drilling Method: 10in and 6in roller bits; 2in core bar.	Conductor Casing: type: Steel dia: 10.00in fm: 0.00' to: 15.00'
Date Started: 08/15/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: 1.2' to: 29.00'
Date Completed: 09/13/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 29.00' to: 49.00'
Remarks: Diedrich D–120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 25.00' type: fm: 25.00' to: 27.00' type: fm: 27.00' to: 49.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
49							End of boring at 49 feet.			2" Screen bottom at 49'.
50										
51										
52										
53										
54										
55										
56										
57										
58										
59										

Project Name: Cornell-Dubilier	Site Id: MW05
Project Number: 1945.1018	Static Water Level: 13.94'
Location: South Plainfield, NJ	X Coordinate: 517066.26
Logged By: C. Prothro	Y Coordinate: 634425.11
Contractor: Belasco Drilling	Elevation: 70.79'
Drilling Method: 10in and 6in roller bits; 2in core bar.	Conductor Casing: type: Steel dia: 10.00in fm: -3.00' to: 14.00'
Date Started: 08/18/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: -2.0' to: 25.00'
Date Completed: 08/21/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 25.00' to: 45.50'
Remarks: Diedrich D-120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 23.00' type: fm: 23.00' to: 24.00' type: fm: 24.00' to: 45.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
1	8/18/00	0919	72	13 16 12 9	SM/Fl		0-0.5 Topsoil. 0.5-2 Red-brown silty SAND, rounded to subangular f-c sandstone Gravel, and black Fill (brick, cinders, ash, and slag), loose, moist.	0.0 ppm 0.0 ppm		Samples collected to 14' with 3" split spoon. Borehole advanced with 6.25" HSA. Sample: CDE-MW05-00
2 3	8/18/00	0924	0	3 9 7 7			No recovery; brick fragment in spoon.	0.0 ppm 0.0 ppm		
4 5	8/18/00	0935	67	1 5 8 7			Black silty SAND, rounded to subangular f-c sandstone Gravel, and Fill (brick, cinders, ash, and glass); loose; moist.	0.0 ppm 0.0 ppm		
6 7	8/18/00	1005	30	3 6 7 5			Same as above.			Sample: CDE-MW05-06
8 9	8/18/00	1012	67	1 2 5			0-0.2 Black silty SAND, rounded to subangular f-c sandstone Gravel, and Fill (brick, cinders, ash, and glass); loose; moist. 0.2-1.35 Orange-brown to red-brown f SAND; loose; wet.			
10 11	8/18/00	1020	60	3 13 13 100/5"	SM SL		0-1.0 Orange-brown to red-brown f SAND; loose; wet. 1.0-1.2 Red-brown SILTSTONE; weathered; dense; dry.			Sample: CDE-MW05-10

Project Name: Cornell–Dubilier	Site Id: MW05
Project Number: 1945.1018	Static Water Level: 13.94'
Location: South Plainfield, NJ	X Coordinate: 517066.26
Logged By: C. Prothro	Y Coordinate: 634425.11
Contractor: Belasco Drilling	Elevation: 70.79'
Drilling Method: 10in and 6in roller bits; 2in core bar.	Conductor Casing: type: Steel dia: 10.00in fm: –3.00' to: 14.00'
Date Started: 08/18/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: –2.0' to: 25.00'
Date Completed: 08/21/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 25.00' to: 45.50'
Remarks: Diedrich D–120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 23.00' type: fm: 23.00' to: 24.00' type: fm: 24.00' to: 45.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
	8/18/00	1035	30	7 95			Red–brown SILTSTONE; v. dense; dry.			
13										
14	8/19/00	1115	87		SL/MS		14–16 Red–brown SILTSTONE to MUDSTONE; frequent horizontal fractures spaced at 0.08 ft; some sedimentary bedding and white calcareous–filled vugs.	0.0 ppm 1.5 ppm		10" Outer Casin to 14'. Core run #1: From 14–21.5'. Standard 2" core barrel. Rate of barrel advance ~0.02'/min. RQD=0.0%
15							16–19 Red–brown SILTSTONE to MUDSTONE; frequent horizontal fractures spaced at 0.16–0.25 ft; vertical fracture present at 17.5–18.			
16							19–20 Void. 20–21.5 Red–brown SILTSTONE to MUDSTONE. At 20 and 21.3 ft, highly weathered.			
17										
18										
19										
20										
21										
	8/19/00	1155	100					0.0 ppm 0.0 ppm		
22							21.5–21.9 Red–brown SILTSTONE to MUDSTONE. At 21.9 ft, low angle diagonal fracture. 21.9–24 Red–brown SILTSTONE to MUDSTONE; horizontal fractures spaced at 0.16–0.25 ft.			Core run #2: From 21.5–24'. Standard 2" cor barrel. Rate of barrel advance ~0.02'/min. RQD=0.0%. 6" Inner Casing to 24
23				100/5"			At 22.4 ft, anaerobic gray–green zone. At 23 ft, frequent fractures.			

Project Name: Cornell–Dubilier	Site Id: MW05
Project Number: 1945.1018	Static Water Level: 13.94'
Location: South Plainfield, NJ	X Coordinate: 517066.26
Logged By: C. Prothro	Y Coordinate: 634425.11
Contractor: Belasco Drilling	Elevation: 70.79'
Drilling Method: 10in and 6in roller bits; 2in core bar.	Conductor Casing: type: Steel dia: 10.00in fm: –3.00' to: 14.00'
Date Started: 08/18/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: –2.0' to: 25.00'
Date Completed: 08/21/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 25.00' to: 45.50'
Remarks: Diedrich D–120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 23.00'; type: fm: 23.00' to: 24.00'; type: fm: 24.00' to: 45.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
	8/20/00	1055	100				24.1–24.8 Red–brown SILTSTONE; some void spaces, white calcareous–filled vugs, sedimentary structures, zones of anaerobic conditions, and horizontal and diagonal fractures; highly weathered; frequently fractured.	0.0 ppm 0.0 ppm		Core run #3: From 24–29'. Standard 2" core barrel. Rate of barrel advance ~0.02'/min. RQD=6.4%. 2" Screen top at 25'.
25							24.8–26.3 Red–brown sandy MUDSTONE; some void spaces, white calcareous–filled vugs, sedimentary structures, zones of anaerobic conditions, and horizontal fractures spaced at 0.08–0.16 ft; voids and vugs present.			
26							26.3–28 Red–brown sandy MUDSTONE; calcareous–filled vugs and small black zones; some sedimentary structures, zones of anaerobic conditions; fractures spaced at 0.08–0.58 ft.			
27							28–29 Red–brown SILTSTONE; weathered. At 28.7 ft, fractures.			
28										Water loss at ~50 gallons from 29–35'.
29	8/20/00	1645	95				29–30 Red–brown SILTSTONE; massive; frequent horizontal, diagonal, and vertical fractures; white calcareous–filled vugs; some weathered fractures.	0.0 ppm 0.0 ppm		Core run #4: From 29–35'. Standard 2" core barrel. Rate of barrel advance ~0.06'/min. RQD=23.3%.
30							30–31.1 Red–brown SILTSTONE to MUDSTONE; frequent horizontal fractures; one vertical fracture; white calcareous–filled vugs. At 32 ft, highly fractured and weathered. At 32.75 ft, diagonal fracture.			
31							32–35 Red–brown SILTSTONE to MUDSTONE; massive; horizontal fractures spaced at 0.13–0.5 ft.			
32										
33										
34										
35	8/21/00	1056	90	100/5"			34.5–44: Red–brown SILTSTONE to sandy MUDSTONE; massive; white calcareous–filled vugs. 19 fractures present. At 35.5 and 35.8 ft, weathered diagonal fracture. At 36.5 and 36.6 ft, weathered horizontal fractures with biotite and other dark minerals present. 36.5–38 Red–brown SILTSTONE to sandy MUDSTONE; massive; white calcareous–filled vugs; cross–bedding and	0.0 ppm 21.3 ppm		Core run #5: From 34.5–44'. Standard 2" core barrel. Rate of barrel advance

Project Name: Cornell-Dubilier	Site Id: MW05
Project Number: 1945.1018	Static Water Level: 13.94'
Location: South Plainfield, NJ	X Coordinate: 517066.26
Logged By: C. Prothro	Y Coordinate: 634425.11
Contractor: Belasco Drilling	Elevation: 70.79'
Drilling Method: 10in and 6in roller bits; 2in core bar.	Conductor Casing: type: Steel dia: 10.00in fm: -3.00' to: 14.00'
Date Started: 08/18/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: -2.0' to: 25.00'
Date Completed: 08/21/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 25.00' to: 45.50'
Remarks: Diedrich D-120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 23.00' type: fm: 23.00' to: 24.00' type: fm: 24.00' to: 45.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
							sedimentary structures (bioturbation and skolithos). 38-38.3 Red-brown silty CLAY and subrounded to subangular f-m sandstone Gravel; some gray-green calcareous material; trace dark mineral. 38.3-39.1 Fractured zone; trace weathering. 39-39.1 Subangular to subrounded c Sandstone and Siltstone GRAVEL; well-sorted; trace gray-green calcareous material. 39-39.5 Horizontal fracture spaced at 0.16 ft. 39.5-41 Red-brown SILTSTONE to sandy MUDSTONE; massive; calcareous material; biotite and other dark minerals present. At 40.8 ft, aragonite-filled vug. 41-41.8 Red-brown SILTSTONE to sandy MUDSTONE; becoming coarser; sedimentary structures and white calcareous material; trace crystals and bioturbation evidence. 41.8-44 Sandy MUDSTONE; massive; white calcareous material, sedimentary structures, and fractures; some bioturbation. At 42.6, 43.5, and 43.9 ft, horizontal fractures.			~0.06'/min. RQD=25.9%. Water loss at 104 gallons to 38'. Water loss at ~100 gallons from 38-40'. Water loss at ~224 gallons from 35-43'.
37										
38										
39										
40										
41										
42										
43										
44							45-46.5 Red-brown SILTSTONE to sandy MUDSTONE; white calcareous-filled vugs; 9 horizontal and 1 diagonal fractures. 46.5-48 Red-brown SILTSTONE to sandy MUDSTONE; massive. 48-48.2 Red-brown SILTSTONE to sandy MUDSTONE; weathered; fractured. 48.2-49 Red-brown SILTSTONE to sandy MUDSTONE; massive. At 46.6, 46.8, 47, 47.2, 47.3, and 48.8 ft, horizontal fractures. At 48.8 ft, diagonal fracture. At 49 ft, horizontal fracture.			2" Screen bottom at 45.5'. Core run #6: From 45-49'. Standard 2" core barrel. Rate of barrel advance ~0.02'/min. RQD=10.9%.
45	8/21/00	1600	100					0.0 ppm 26.3 ppm		
46										
47				100/5"						Borehole

Project Name: Cornell–Dubilier	Site Id: MW05
Project Number: 1945.1018	Static Water Level: 13.94'
Location: South Plainfield, NJ	X Coordinate: 517066.26
Logged By: C. Prothro	Y Coordinate: 634425.11
Contractor: Belasco Drilling	Elevation: 70.79'
Drilling Method: 10in and 6in roller bits; 2in core bar.	Conductor Casing: type: Steel dia: 10.00in fm: –3.00' to: 14.00'
Date Started: 08/18/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: –2.0' to: 25.00'
Date Completed: 08/21/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 25.00' to: 45.50'
Remarks: Diedrich D–120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 23.00' type: fm: 23.00' to: 24.00' type: fm: 24.00' to: 45.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
49							End of boring at 49 feet.			collapsed to 37' and would not stay open past 45.5'.
50										
51										
52										
53										
54										
55										
56										
57										
58										
59				100/5"						

Project Name: Cornell-Dubilier	Site Id: MW06
Project Number: 1945.1018	Static Water Level: 17.36'
Location: South Plainfield, NJ	X Coordinate: 516545.36
Logged By: T. Fowler, C. Prothro	Y Coordinate: 634747.59
Contractor: Tabasco Drilling	Elevation: 74.83'
Drilling Method: 10in and 6in roller bits; 2in core barrel	Conductor Casing: type: Steel dia: 10.00in fm: 0.00' to: 6.50'
Date Started: 08/08/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: 0.2' to: 29.00'
Date Completed: 08/11/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 29.00' to: 44.00'
Remarks: Diedrich D-120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 25.30'; type: #0 Quartz Sand fm: 25.30' to: 27.00'; type: #1 Quartz Sand fm: 27.00' to: 44.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction (MP. EL. 74.64)	Notes
	8/8/00	0900	65	7 7 7 8	SM		Stained FILL, Sand, Gravel, Silt, and Flyash; becomes less gravel with depth; more black staining; moist at bottom.			Samples collected to 6.5' with 3" split spoon. Borehole advanced with 6.25" HSA.
1								2.0 ppm 18.0 ppm		Sample: CDE-MW06-00
2	8/8/00	0905	70	2 3 2 3	SM/ML		Brown to red-brown CLAY; moderately plastic; moist; becomes red-brown silt and low plasticity.			
3								1.0 ppm 7.0 ppm		Sample CDE-MW06-02
4	8/8/00	0910	50	1 2 3 25			Red-brown SILT (weathered siltstone); low plasticity; slightly moist.			
5								0.1 ppm 6.0 ppm		Sample CDE-MW06-04
6	8/8/00	0915	50	35 1	ML/SM		Red-brown SILTSTONE; some blue laminae; dry to slightly moist; weathered.			10" Outer Casing to 6.5'.
	8/8/00	1600	82				6.5-11.5 Red-brown SILTSTONE; frequent fractures at 0 to 30 degrees.			Sample: CDE-MW06-06
7							11.5-13 Red-brown SILTSTONE; moderate fractures at 0 to 30 degrees.	0.3 ppm 8.0 ppm		Bailer sample: CDE-MW6-06-01
8					SL		13-16.5 Red-brown SILTSTONE; moderate fractures at 0 to 50 degrees; some near vertical fractures; vugs at 15.0 ft.			Core run #1: From 6.5-17.5'. Standard 2" core barrel. Rate of barrel advance ~0.2'/min. RQD=3%.
9										
10										
11										

Project Name: Cornell-Dubilier	Site Id: MW06
Project Number: 1945.1018	Static Water Level: 17.36'
Location: South Plainfield, NJ	X Coordinate: 516545.36
Logged By: T. Fowler, C. Prothro	Y Coordinate: 634747.59
Contractor: Tabasco Drilling	Elevation: 74.83'
Drilling Method: 10in and 6in roller bits; 2in core barrel	Conductor Casing: type: Steel dia: 10.00in fm: 0.00' to: 6.50'
Date Started: 08/08/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: 0.2' to: 29.00'
Date Completed: 08/11/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 29.00' to: 44.00'
Remarks: Diedrich D-120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 25.30'; type: #0 Quartz Sand fm: 25.30' to: 27.00'; type: #1 Quartz Sand fm: 27.00' to: 44.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
13										Odor present at ~13'.
14										Some odor p at ~14'.
15										Slight odor present at ~15.5'.
16										
17	8/10/00	1004			SL/MS					6" Inner Casing to 16.5'. Core run #2: From 17-27'. Standard 2" core barrel. Rate of barrel advance ~0.3'/min. RQD=23%.
18			100				17-27 Red-brown SILTSTONE; horizontal fractures present at 1-3 ft spacing; white calcareous calcite and/or aragonite microcrystals; vugs present (< 0.02 ft in size). 20.25-27 Sedimentary structures (cross-bedding). At 26.16 ft, diagonal fractures. At 21.5 ft, frequent white calcareous calcite and/or aragonite microcrystals. At 19.25, 20.16, 22.5, 23, 23.33, and 26.58 ft, evidence of weathering.	0.0 ppm 0.0 ppm		
19										
20										
21										Water loss of ~5-6 gallons from 21'.
22										
23										

Project Name: Cornell-Dubilier	Site Id: MW06
Project Number: 1945.1018	Static Water Level: 17.36'
Location: South Plainfield, NJ	X Coordinate: 516545.36
Logged By: T. Fowler, C. Prothro	Y Coordinate: 634747.59
Contractor: Tabasco Drilling	Elevation: 74.83'
Drilling Method: 10in and 6in roller bits; 2in core barrel	Conductor Casing: type: Steel dia: 10.00in fm: 0.00' to: 6.50'
Date Started: 08/08/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: 0.2' to: 29.00'
Date Completed: 08/11/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 29.00' to: 44.00'
Remarks: Diedrich D-120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 25.30'; type: #0 Quartz Sand fm: 25.30' to: 27.00'; type: #1 Quartz Sand fm: 27.00' to: 44.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
25										
26										
27	8/10/00	1337	85				27-28 Red-brown SILTSTONE to MUDSTONE; horizontal fractures at 0.04 to 0.25 ft spacing; trace vugs and pits.			Core run #3: From 27-37'. Standard 2" core barrel. Rate of barrel advance ~0.9'/min. RQD=8%. 2" Screen top at 29'.
28							28-30 Red-brown SILTSTONE to MUDSTONE; horizontal fractures at 0.58 ft spacing; trace vugs and pits.			
29							30-37 Red-brown SILTSTONE to MUDSTONE; horizontal fractures at 0.04 to 0.25 ft spacing; trace vugs and pits.			
30							27-27.66 Red-brown SILTSTONE to MUDSTONE; massive; sedimentary bedding planes at 35-40 degrees. 27.8-31.4 MUDSTONE; horizontal sedimentary structures (white calcareous layers of microcrystals).			
31							28.5-30.33 MUDSTONE; horizontal sedimentary structures (white calcareous layers of microcrystals); trace fossils (skolithos).			
32							31.4-34.6 Red-brown SILTSTONE to MUDSTONE; becomes coarser; becomes SANDSTONE at 33.3 ft. with visible quartz grains.	0.0 ppm 0.0 ppm		
33							34.6-37 Red-brown SILTSTONE to MUDSTONE; becomes coarser. Severe weathering and dark zone present between 30 ft. and 30.5 ft. Vug with visible aragonity crystal present at 39.9 ft.			
34										
35										

FW	Project Name: Cornell-Dubilier	Site Id: MW06
	Project Number: 1945.1018	Static Water Level: 17.36'
	Location: South Plainfield, NJ	X Coordinate: 516545.36
	Logged By: T. Fowler, C. Prothro	Y Coordinate: 634747.59
Contractor: Tabasco Drilling		Elevation: 74.83'
Drilling Method: 10in and 6in roller bits; 2in core barrel		Conductor Casing: type: Steel dia: 10.00in fm: 0.00' to: 6.50'
Date Started: 08/08/00		Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: 0.2' to: 29.00'
Date Completed: 08/11/00		Screens: type: Slotted size: 0.010in dia: 2.00in fm: 29.00' to: 44.00'
Remarks: Diedrich D-120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.		Annular Fill: type: Bentonite fm: 0.33' to: 25.30'; type: #0 Quartz Sand fm: 25.30' to: 27.00'; type: #1 Quartz Sand fm: 27.00' to: 44.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
37	8/10/00	1503	90				37-38 Red-brown SILTSTONE; frequent vertical fractures with .25 ft spacing.			Core run #4: From 37-44'. Standard 2" core barrel. Rate of barrel advance ~0.1'/min. RQD=7.4%.
38							38-38.5 Red-brown SILTSTONE; some horizontal sedimentary structures; trace f sand and horizontal fractures.			
39							38.5-39 Red-brown SILTSTONE to MUDSTONE; horizontal sedimentary structures. 39-39.5 Red-brown SILTSTONE to MUDSTONE; frequent vertical fractures with .25 ft spacing; horizontal sedimentary structures.			Water loss of ~14 gallons from 37-39'.
40							39.5-40 Red-brown SILTSTONE to MUDSTONE; horizontal sedimentary structures. At 39 ft, Vertical vug of 0.25 ft width.			
41							39.33-39.58 Red-brown SILTSTONE to MUDSTONE; frequent vertical fractures with .25 ft spacing; diagonal fracturing; horizontal sedimentary structures. 40-42 Red-brown MUDSTONE; some f sand; horizontal fractures. At 40 and 41.66 ft, diagonal fractures.	0.0 ppm 0.0 ppm		
42										
43										
44							End of boring at 44 feet.			2" Screen Bottom at 44'.
45										
46										
47										

	Project Name: Cornell-Dubilier	Site Id: MW07
	Project Number: 1945.1018	Static Water Level: 24.44'
	Location: South Plainfield, NJ	X Coordinate: 516095.57
	Logged By: C. Prthro, L. Haymon, T. Fowler	Y Coordinate: 634773.40
Contractor: Tabasco Drilling		Elevation: 82.16'
Drilling Method: 10in and 6in roller bits; 2in core bar.		Conductor Casing: type: Steel dia: 10.00in fm: 0.00' to: 17.00'
Date Started: 08/01/00		Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: 0.8' to: 43.00'
Date Completed: 08/06/00		Screens: type: Slotted size: 0.010in dia: 2.00in fm: 43.00' to: 58.00'
Remarks: Diedrich D-120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.		Annular Fill: type: Bentonite fm: 0.33' to: 39.00' type: fm: 39.00' to: 40.00' type: fm: 40.00' to: 62.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction MP. EL. 81.35	Notes
1	8/1/00	0850	95	24 24 25 32	ML		0-0.33 Asphalt. 0.33-0.5 Black silty CLAY, subrounded f diabase GRAVEL, and FILL (ash, cinders, and brick). 0.5-1.9 Red-brown SILTSTONE and silty Clay; weathered; dry.	0.0 ppm 0.0 ppm		Samples collected to 6' with 3" split spoon. Borehole advanced with 6.25" HSA. Sample: CDE-MW07-00
2	8/1/00	0911	75	22 26 29 96	SM/ML		Red-brown SILTSTONE and silty Clay; weathered; dry.	0.6 ppm 0.6 ppm		
3										Sample: CDE-MW07-02
4	8/1/00	0930	65	45 51 100/.33			Red-brown SILTSTONE, Silt, and silty Clay; weathered; dry.	0.0 ppm 0.0 ppm		
5										Sample: CDE-MW07-04.
6	8/1/00	0950	0	100/.33	SL		No Recovery. 6-8.7 Red-brown SILTSTONE; dark staining at fractures; weathered; horizontal fractures at 0.08 ft spacing. 8.7-14.75 Red-brown SILTSTONE; weathered fracture zones with fractures at 0.08 ft spacing; dark staining at fractures.	0.0 ppm 0.0 ppm		10" Outer Casing to 6'. Core run #1: From 6-16'. Standard 2" core barrel. Rate of barrel advance ~0.1'/min. RQD=4%.
	8/2/00	1300	86							
7										
8										
9										
10										
11										

Project Name: Cornell-Dubilier	Site Id: MW07
Project Number: 1945.1018	Static Water Level: 24.44'
Location: South Plainfield, NJ	X Coordinate: 516095.57
Logged By: C. Prothro, L. Haymon, T. Fowler	Y Coordinate: 634773.40
Contractor: Tabasco Drilling	Elevation: 82.16'
Drilling Method: 10in and 6in roller bits; 2in core bar.	Conductor Casing: type: Steel dia: 10.00in fm: 0.00' to: 17.00'
Date Started: 08/01/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: 0.8' to: 43.00'
Date Completed: 08/06/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 43.00' to: 58.00'
Remarks: Diedrich D-120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 39.00' type: fm: 39.00' to: 40.00' type: fm: 40.00' to: 62.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
13										
14										
15										
16	8/3/00	1505	81				16-17.5 Red-brown SILTSTONE; frequent horizontal fractures along bedding planes; trace calcareous inclusions.	0.0 ppm 0.0 ppm		6" Inner Casing to 16'. Core run #2: From 16-26'. Standard 2" core barrel. Rate of barrel advance ~0.1'/min. RQD=13%.
17							17.5-25 Red-brown SILTSTONE; horizontal fractures along bedding planes; trace calcareous inclusions.			
18							25-26 Red-brown SILTSTONE; horizontal fractures along bedding planes; dissolution zone with gray-green inclusions; trace calcareous inclusions.			
19										
20										
21										
22										
23										

	Project Name: Cornell-Dubilier	Site Id: MW07
	Project Number: 1945.1018	Static Water Level: 24.44'
	Location: South Plainfield, NJ	X Coordinate: 516095.57
	Logged By: C. Prothro, L. Haymon, T. Fowler	Y Coordinate: 634773.40
Contractor: Tabasco Drilling		Elevation: 82.16'
Drilling Method: 10in and 6in roller bits; 2in core bar.		Conductor Casing: type: Steel dia: 10.00in fm: 0.00' to: 17.00'
Date Started: 08/01/00		Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: 0.8' to: 43.00'
Date Completed: 08/06/00		Screens: type: Slotted size: 0.010in dia: 2.00in fm: 43.00' to: 58.00'
Remarks: Diedrich D-120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.		Annular Fill: type: Bentonite fm: 0.33' to: 39.00' type: fm: 39.00' to: 40.00' type: fm: 40.00' to: 62.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
25										
26	8/3/00	1740	90				26-27.5 Red-brown SILTSTONE; vugs; fractures along bedding planes. 27.5-28 Red-brown SILTSTONE inclusions; vugs; frequent fractures along bedding planes. 28-30 Red-brown SILTSTONE. 30-31 Red-brown SILTSTONE; vugs; trace fractures along bedding planes. 31-33 Red-brown SILTSTONE; trace fractures along bedding planes; white calcareous inclusions. 33-34 Red-brown SILTSTONE; vugs; fractures along bedding planes. 34-36 Red-brown SILTSTONE; white and green-gray inclusions; vugs; trace fractures along bedding planes.			Core run #3: From 26-36'. Standard 2" core barrel. Rate of barrel advance ~0.1'/min. RQD=38%.
27										
28										
29										
30										
31										
32										
33										
34										
35										

Project Name: Cornell-Dubilier	Site Id: MW07
Project Number: 1945.1018	Static Water Level: 24.44'
Location: South Plainfield, NJ	X Coordinate: 516095.57
Logged By: C. Prothro, L. Haymon, T. Fowler	Y Coordinate: 634773.40
Contractor: Tabasco Drilling	Elevation: 82.16'
Drilling Method: 10in and 6in roller bits; 2in core bar.	Conductor Casing: type: Steel dia: 10.00in fm: 0.00' to: 17.00'
Date Started: 08/01/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: 0.8' to: 43.00'
Date Completed: 08/06/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 43.00' to: 58.00'
Remarks: Diedrich D-120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 39.00' type: fm: 39.00' to: 40.00' type: fm: 40.00' to: 62.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
	8/4/00	1115	64				36-39 Red-brown SILTSTONE; horizontal fractures at 0.08-0.33 ft spacing with majority at 0.16-0.25 ft spacing. At 39 ft, Diagonal fracture with possible well-formed aragonite crystals (<0.2"). At 37.2, 37.8, 38.8, 39.2, 43, 44, and 45 ft, pitting and vugs. At 42.5 ft, Diagonal fracture.	0.0 ppm 0.0 ppm		Core run #4: From 36-46'. Standard 2" core barrel. Rate of barrel advance ~0.09'/min. RQD=64%.
37										
38										
39										
40										
41										
42										
43										2" Screen top at 43'.
44										Water loss at 44'.
45										
46	8/5/00	0955	98				46-47.5 Red-brown SILTSTONE; horizontal fractures, some 20 degrees. 47.5-49.5 Red-brown SILTSTONE. At 48.5, Horizontal break. 49.5-50 Red-brown SILTSTONE; trace horizontal fractures. 50-51 Red-brown SILTSTONE. At 50.5 Vugs and horizontal fractures.	0.0 ppm 0.0 ppm		Core run #5: From 46-56'. Standard 2" barrel. Rate of barrel advance ~0.06'/min. RQD=55%.
47										

FW	Project Name: Cornell-Dubilier	Site Id: MW07
	Project Number: 1945.1018	Static Water Level: 24.44'
	Location: South Plainfield, NJ	X Coordinate: 516095.57
	Logged By: C. Prothro, L. Haymon, T. Fowler	Y Coordinate: 634773.40
Contractor: Tabasco Drilling		Elevation: 82.16'
Drilling Method: 10in and 6in roller bits; 2in core bar.		Conductor Casing: type: Steel dia: 10.00in fm: 0.00' to: 17.00'
Date Started: 08/01/00		Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: 0.8' to: 43.00'
Date Completed: 08/06/00		Screens: type: Slotted size: 0.010in dia: 2.00in fm: 43.00' to: 58.00'
Remarks: Diedrich D-120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.		Annular Fill: type: Bentonite fm: 0.33' to: 39.00' type: fm: 39.00' to: 40.00' type: fm: 40.00' to: 62.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
							51-54.5 Red-brown SILTSTONE; horizontal to 20 degree fractures, one vertical fracture. 54.5-56 Red-brown SILTSTONE; vugs and horizontal and 70 degree fractures. At 54 ft, Vugs.			
49										
50										
51										
52										
53										
54										
55										
56	8/5/00	1137	99				56-58 Red-brown SILTSTONE; occasional fractures at 0 to 10 degrees. 58-59 Red-brown SILTSTONE; frequent horizontal fractures. At 59 ft, fracture at 70 degrees. 59-61.93 Red-brown SILTSTONE. At 60 ft, fracture at 40 degrees. At 61 ft, fracture at 10 to 20 degrees.	0.0 ppm 0.0 ppm		Core run #6: From 56-62'. Standard 2" core barrel. Rate of barrel advance ~0.07'/min. RQD=69%. 2" Screen bottom at 58'.
57										
58										
59										

Project Name: Cornell–Dubilier	Site Id: MW07
Project Number: 1945.1018	Static Water Level: 24.44'
Location: South Plainfield, NJ	X Coordinate: 516095.57
Logged By: C. Prothro, L. Haymon, T. Fowler	Y Coordinate: 634773.40
Contractor: Tabasco Drilling	Elevation: 82.16'
Drilling Method: 10in and 6in roller bits; 2in core bar.	Conductor Casing: type: Steel dia: 10.00in fm: 0.00' to: 17.00'
Date Started: 08/01/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: 0.8' to: 43.00'
Date Completed: 08/06/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 43.00' to: 58.00'
Remarks: Diedrich D–120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 39.00'; type: fm: 39.00' to: 40.00'; type: fm: 40.00' to: 62.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
61										
62							End of boring at 62 feet.			
63										
64										
65										
66										
67										
68										
69										
70										
71										

Project Name: Cornell-Dubilier	Site Id: MW08
Project Number: 1945.1018	Static Water Level: 20.34'
Location: South Plainfield, NJ	X Coordinate: 516380.27
Logged By: T. Fowler	Y Coordinate: 634398.76
Contractor: Tabasco Drilling	Elevation: 75.47'
Drilling Method: 10in and 6in roller bits; 2in core barrel	Conductor Casing: type: Steel dia: 10.00in fm: -2.50' to: 6.00'
Date Started: 07/18/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: -2.2' to: 42.00'
Date Completed: 07/25/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 42.00' to: 57.00'
Remarks: Diedrich D-120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 39.00'; type: #0 Quartz Sand fm: 39.00' to: 40.50'; type: #1 Quartz Sand fm: 40.50' to: 57.50'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
	7/18/00	1115	70	2 2 3 3	ML		Red-brown SILT; low plasticity; slightly moist.	0.0 ppm 0.0 ppm		Samples collected to 6' with 3" split spoon. Borehole advanced with 6.25" HSA.
1										
2	7/18/00	1122	80	3 6 7 8			Same as above.	0.0 ppm 0.0 ppm		
3										Sample: CDE-MW08-02
4	7/18/00	1130	90	8 18 38 42			Red-brown SILT; low plasticity; becomes bedded weathered SILTSTONE; slightly moist.	0.0 ppm 0.0 ppm		
5										Sample: CDE-MW08-04
6	7/18/00	1145	100	38 100/.25			Red-brown SILTSTONE with silt; weathered; platey; dry.	0.0 ppm 0.0 ppm		10" Outer Casing to 7'. Sample: CDE-MW08-06
7	7/19/00	1230	20		SL/MS		Red-brown SILTSTONE to MUDSTONE; 0.04-0.16 ft pieces and silt-size material.	0.0 ppm 0.0 ppm		Core run #1: From 7-17'. Standard 2" core barrel. RQD=0%.
8										
9										
10										
11										

Project Name: Cornell-Dubilier	Site Id: MW08
Project Number: 1945.1018	Static Water Level: 20.34'
Location: South Plainfield, NJ	X Coordinate: 516380.27
Logged By: T. Fowler	Y Coordinate: 634398.76
Contractor: Tabasco Drilling	Elevation: 75.47'
Drilling Method: 10in and 6in roller bits; 2in core barrel	Conductor Casing: type: Steel dia: 10.00in fm: -2.50' to: 6.00'
Date Started: 07/18/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: -2.2' to: 42.00'
Date Completed: 07/25/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 42.00' to: 57.00'
Remarks: Diedrich D-120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 39.00'; type: #0 Quartz Sand fm: 39.00' to: 40.50'; type: #1 Quartz Sand fm: 40.50' to: 57.50'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
13										
14										
15										
16										
17										6" Inner Casing to 17'.
18	7/24/00	1100	50		SL		17.5-24 Red-brown SILTSTONE; horizontal fractures along bedding planes, creating pieces of <0.08-0.25 ft. 24-27.5 Red-brown SILTSTONE. At 24 ft, fine bedding. At 25 ft, blue weathering and blue mineralization in vug. At 26 ft, fracture at 60 degrees.	0.0 ppm 0.0 ppm		Core run #2: From 17.5-27.5'. Standard 2" core barrel. RQD=0%.
19										
20										
21										
22										
23										

Project Name: Cornell–Dubilier	Site Id: MW08
Project Number: 1945.1018	Static Water Level: 20.34'
Location: South Plainfield, NJ	X Coordinate: 516380.27
Logged By: T. Fowler	Y Coordinate: 634398.76
Contractor: Tabasco Drilling	Elevation: 75.47'
Drilling Method: 10in and 6in roller bits; 2in core barrel	Conductor Casing: type: Steel dia: 10.00in fm: –2.50' to: 6.00'
Date Started: 07/18/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: –2.2' to: 42.00'
Date Completed: 07/25/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 42.00' to: 57.00'
Remarks: Diedrich D–120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 39.00'; type: #0 Quartz Sand fm: 39.00' to: 40.50'; type: #1 Quartz Sand fm: 40.50' to: 57.50'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
25										
26										
27										
28	7/24/00	1345	100				Red–brown SILTSTONE; vugs with blue weathering. At 26, 26.7, and 27 ft, 0–10 degree fractures. At 27.5 ft, frequent fractures. At 28–28.8, 29.9–31.5, 33–33.6, and 34.2–34.5 ft, fractures at 0–10 degrees. 31.8–32.7 Red–brown SILTSTONE; vugs with blue weathering; fracture at 70 degrees.	0.0 ppm 0.0 ppm		Core run #3: From 27.5–37.5'. Standard 2" core barrel. RQD=30%.
29										
30										
31										
32										
33										
34										
35										

Project Name: Cornell-Dubilier	Site Id: MW08
Project Number: 1945.1018	Static Water Level: 20.34'
Location: South Plainfield, NJ	X Coordinate: 516380.27
Logged By: T. Fowler	Y Coordinate: 634398.76
Contractor: Tabasco Drilling	Elevation: 75.47'
Drilling Method: 10in and 6in roller bits; 2in core barrel	Conductor Casing: type: Steel dia: 10.00in fm: -2.50' to: 6.00'
Date Started: 07/18/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: -2.2' to: 42.00'
Date Completed: 07/25/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 42.00' to: 57.00'
Remarks: Diedrich D-120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 39.00'; type: #0 Quartz Sand fm: 39.00' to: 40.50'; type: #1 Quartz Sand fm: 40.50' to: 57.50'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
37										Water loss of ~100 gallons from 37.5'.
	7/24/00	1600	75				37.5-47.5 Red-brown SILTSTONE.	0.0 ppm		Core run #4: From 37.5-4
38							38-39 Red-brown SILTSTONE; frequent fractures at 10 degrees.	0.0 ppm		Standard 2" barrel.
							At 38.5, 39.2, 41.8, 42, and 42.5 ft, horizontal bedding fractures.			RQD=50%.
39							39.9-40.5 Red-brown SILTSTONE; horizontal bedding.			Water loss of ~20 gallons from 37.5-43'.
							43.3-43.5 Red-brown SILTSTONE; horizontal bedding fractures.			
							At 44.3, bedding fractures.			
40							44.5-47.5 Red-brown SILTSTONE; frequent fractures.			
41										
42										2" Screen top at 42'.
43										Water loss of ~20 gallons from 43-47.5'.
44										Rapid barrel advance from 44-47.5'.
45										
46										
47										Water loss o ~400 gallons from 47-54'.
	7/25/00	1000	95				47.5-48 Red-brown SILTSTONE; fractured.	0.0 ppm		Core run #5: From 47.5-57.5'
							48-49.5 Red-brown SILTSTONE.	0.0 ppm		

Project Name: Cornell-Dubilier	Site Id: MW08
Project Number: 1945.1018	Static Water Level: 20.34'
Location: South Plainfield, NJ	X Coordinate: 516380.27
Logged By: T. Fowler	Y Coordinate: 634398.76
Contractor: Tabasco Drilling	Elevation: 75.47'
Drilling Method: 10in and 6in roller bits; 2in core barrel	Conductor Casing: type: Steel dia: 10.00in fm: -2.50' to: 6.00'
Date Started: 07/18/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: -2.2' to: 42.00'
Date Completed: 07/25/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 42.00' to: 57.00'
Remarks: Diedrich D-120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 39.00'; type: #0 Quartz Sand fm: 39.00' to: 40.50'; type: #1 Quartz Sand fm: 40.50' to: 57.50'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
49							At 48.5 ft, bedding planes. At 49.5 ft, fractures at 15 degrees. 49.5-52 Blue-red SILTSTONE. At 51.5 ft, horizontal fracture. 52-53 Blue-red SILTSTONE; frequent horizontal bedding fractures. 53-54.3 Red-brown to brown zone with whitish bedding and frequent horizontal fractures. 54-54.3, white bed. 54.3-55.5 Blue-red SILTSTONE. At 54.2, 54.5 ft, horizontal fractures. At 54.8, 55.1, 55.5, 55.8, 56.2, 56.6, 57, 57.5 ft, fractures at 20 degrees.			Standard 2" core barrel. RQD=68%.
50										
51										
52										
53										
54										
55										
56										
57										
58							End of boring at 57.5 feet.			2" Screen bottom at 57.5'. Water loss of ~20 gallons to 57.5'.
59										

Project Name: Cornell-Dubilier	Site Id: MW09
Project Number: 1945.1018	Static Water Level: 17.40'
Location: South Plainfield, NJ	X Coordinate: 516874.58
Logged By: C. Prothro	Y Coordinate: 634402.92
Contractor: Tabasco Drilling	Elevation: 74.83'
Drilling Method: 10in and 6in roller bits; 2in core barrel	Conductor Casing: type: Steel dia: 10.00in fm: -3.00' to: 15.00'
Date Started: 09/18/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: -0.9' to: 29.00'
Date Completed: 09/22/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 29.00' to: 54.00'
Remarks: Diedrich D-120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 28.00'; type: #0 Quartz Sand fm: 28.00' to: 29.00'; type: #1 Quartz Sand fm: 29.00' to: 54.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Notes
1	9/18/00	0930	75	10 14 12 6	SM		Red-brown silty f-m SAND and subrounded to subangular diabase and sandstone Gravel; black unknown material and fill (cinders, ash, brick); some m-c sand; loose; dry.	0.0 ppm 3.8 ppm	Samples collected to 14' with 3" split spoon. Borehole advanced with 6.25" HSA. Sample: CDE-MW09-00
2, 3	9/18/00	0935	43	4 3 2 2			2-2.15 Red-brown silty SAND; some subrounded to subangular f gravel. 2.15-2.85 Black and white silty SAND; some blue-green unknown material; some orange unknown material; loose to dense; dry to semi-moist.	0.0 ppm 5.4 ppm	
4, 5	9/18/00	0940	63	1 1 1 1	SP/SM		4-4.4 Black and white silty SAND; some blue, green, and orange unknown material and blue-white unknown material; loose to dense; dry to semi-moist. 4.4-5.25 Red-brown f-m SAND; trace fill (metal wire); semi-dense; moist.	0.0 ppm 6.6 ppm	Sample: CDE-MW09-04
6, 7	9/18/00	0950	45	2 3 4 3			Red-brown f-m SAND; trace fill (metal wire); semi-dense; moist to wet.	0.0 ppm 3.8 ppm	
8, 9	9/18/00	1000	95	5 8 9 15			8-8.5 Red-brown f-m SAND; trace fill (metal wire); semi-dense; moist to wet. 8.5-9.9 Red-brown f-m SAND; trace fill (metal wire) and subangular f-m siltstone and sandstone gravel; dense to semi-dense; moist.	0.0 ppm 3.7 ppm	Sample: CDE-MW09-08
10, 11	9/18/00	1045	65	100/.42 100/.25 35 100/.42	CL		10-10.2 Red-brown f-m SAND; trace fill (metal wire) and subangular f-m siltstone and sandstone gravel; dense to semi-dense; moist. 10.2-11.3 Red-brown SILTSTONE (weathered), dry silty Clay, and subangular f-c siltstone and sandstone Gravel.	0.0 ppm 3.5 ppm	

Well Construction

Project Name: Cornell-Dubilier	Site Id: MW09
Project Number: 1945.1018	Static Water Level: 17.40'
Location: South Plainfield, NJ	X Coordinate: 516874.58
Logged By: C. Prothro	Y Coordinate: 634402.92
Contractor: Tabasco Drilling	Elevation: 74.83'
Drilling Method: 10in and 6in roller bits; 2in core barrel	Conductor Casing: type: Steel dia: 10.00in fm: -3.00' to: 15.00'
Date Started: 09/18/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: -0.9' to: 29.00'
Date Completed: 09/22/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 29.00' to: 54.00'
Remarks: Diedrich D-120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 28.00'; type: #0 Quartz Sand fm: 28.00' to: 29.00'; type: #1 Quartz Sand fm: 29.00' to: 54.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
	9/18/00	1120	45	35 100/.25			Red-brown SILTSTONE (weathered), silty Clay (dry), and subangular f-c siltstone and sandstone Gravel.	0.0 ppm 5.4 ppm		
13										Sample: CDE-MW09-12
14					SL/MS					
15	9/19/00	1000	83				15-15.8 Red-brown SILTSTONE to MUDSTONE; heavily bioturbated; Skolithos and Rhizocorallium; white calcareous-filled veins; six horizontal fractures at <0.08-0.33 ft spacing. 15.9-17 Red-brown SILTSTONE to MUDSTONE; white calcareous deposits; trace to some sedimentary structures (cross-bedding and bioturbation); frequent fracturing; weathered. 17-17.4 Red-brown SILTSTONE to MUDSTONE; vertical fracture with dark staining. 17.4-20 Red-brown SILTSTONE to MUDSTONE; numerous white calcareous laminations; numerous horizontal fractures at <0.08-0.16 ft spacing; becomes red-purple-brown at 20 ft. 20-21 Purple-red SILTSTONE to sandy MUDSTONE; frequent fractures. 21-21.4 Purple-red SILTSTONE to sandy MUDSTONE; white f calcite sand interbedd and cross-bedded. 21.4-25 Purple-red SILTSTONE to sandy MUDSTONE; fractures at 0.08-0.25 ft spacing.			10" Outer Casing to 15'. Core run #1: From 15-25'. Standard 2" core barrel. RQD=4%.
16										
17										
18										
19										
20										
21										
22										
23										

Project Name: Cornell-Dubilier	Site Id: MW09
Project Number: 1945.1018	Static Water Level: 17.40'
Location: South Plainfield, NJ	X Coordinate: 516874.58
Logged By: C. Prothro	Y Coordinate: 634402.92
Contractor: Tabasco Drilling	Elevation: 74.83'
Drilling Method: 10in and 6in roller bits; 2in core barrel	Conductor Casing: type: Steel dia: 10.00in fm: -3.00' to: 15.00'
Date Started: 09/18/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: -0.9' to: 29.00'
Date Completed: 09/22/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 29.00' to: 54.00'
Remarks: Diedrich D-120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 28.00'; type: #0 Quartz Sand fm: 28.00' to: 29.00'; type: #1 Quartz Sand fm: 29.00' to: 54.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
25	9/21/00	1024	87		SS		25-28.1 White-gray to blue-black f-m SANDSTONE; sandy mudstone with frequent horizontal and low-angle fractures interbedded at <0.08-0.21 ft spacing; emerald-green and deep blue mineral deposits; cross-bedding; black luster on broken and planar surfaces; becoming red-brown SILTSTONE. At 26.7 ft, vertical fracture. 28.1-30 Red-brown SILTSTONE to sandy MUDSTONE; frequent horizontal fractures at <0.08-0.21 ft spacing; weathered. 30-34 Red-brown SILTSTONE to sandy MUDSTONE; massive; fractures at 0.13-0.5 ft spacing; trace white calcareous material in veins and well-rounded quartz sand grains. At 31.2 ft, green-gray anaerobic deposits with dark f minerals.	0.0 ppm 0.0 ppm		6" Outer Casing to 25'. Core run #2: From 25-34'. Standard 2" core barrel. RQD=12.7%.
26										
27										
28					SL/MS					Water loss of ~12.5 gallons from 28-30'. 2" Screen top at 29'.
29										
30										
31										
32										
33										
34	9/21/00	1146	94				34-35.3 Red-brown SILTSTONE to sandy MUDSTONE; frequent horizontal fractures; weathering; cross bedding; trace white calcareous material. At 35.1 ft, vertical fracture. 35.3-35.5 Red-brown SILTSTONE to sandy MUDSTONE; low-angle fractures at 0.1-0.25 ft spacing. 35.5-35.7 Red-brown SILTSTONE to sandy MUDSTONE; defined cross-bedding with ovoid-shaped dark spots;	0.0 ppm 0.0 ppm		Core run #3: From 34-44'. Standard 2" core barrel. RQD=32%. Water loss slight from 34'.
35										

	Project Name: Cornell-Dubilier	Site Id: MW09
	Project Number: 1945.1018	Static Water Level: 17.40'
	Location: South Plainfield, NJ	X Coordinate: 516874.58
	Logged By: C. Prothro	Y Coordinate: 634402.92
Contractor: Tabasco Drilling		Elevation: 74.83'
Drilling Method: 10in and 6in roller bits; 2in core barrel		Conductor Casing: type: Steel dia: 10.00in fm: -3.00' to: 15.00'
Date Started: 09/18/00		Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: -0.9' to: 29.00'
Date Completed: 09/22/00		Screens: type: Slotted size: 0.010in dia: 2.00in fm: 29.00' to: 54.00'
Remarks: Diedrich D-120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.		Annular Fill: type: Bentonite fm: 0.33' to: 28.00'; type: #0 Quartz Sand fm: 28.00' to: 29.00'; type: #1 Quartz Sand fm: 29.00' to: 54.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
							low-angle fractures at 0.1-0.25 ft spacing. 35.7-36.3 Red-brown SILTSTONE to sandy MUDSTONE; low-angle fractures at 0.1-0.25 ft spacing.			
37							36.3-36.7 Red-brown SILTSTONE to sandy MUDSTONE; low-angle fractures at 0.1-0.25 ft spacing; quartz sand grains becoming m-c.			
38							36.7-37.5 Red-brown SILTSTONE to sandy MUDSTONE; low-angle fractures at 0.1-0.25 ft spacing; quartz sand grains becoming variable in size. 37.5-37.7 Red-brown SILTSTONE to sandy MUDSTONE; massive.			
39							37.7-40.1 Red-brown SILTSTONE to sandy MUDSTONE; horizontal fractures at 0.16 ft spacing; massive. 40.1-41.1 Red-brown SILTSTONE to sandy MUDSTONE; frequent horizontal fractures; trace vertical fractures; massive.			
40							41.1-43.2 Red-brown SILTSTONE to sandy MUDSTONE; massive.			
41							43.2-43.5 Red-brown SILTSTONE to sandy MUDSTONE; massive; weathered; fractured. 43.5-44 Red-brown SILTSTONE to sandy MUDSTONE; massive. At 43.9 ft, diagonal fracture at 45 degrees.			
42										Water loss of ~19 gallons from 42'.
43										
44	9/21/00	1342	100				44-49.4 Red-brown SILTSTONE to sandy MUDSTONE; massive; horizontal fractures at 0.33-0.54 ft spacing; trace to some white calcareous material in vugs and laminations.	0.0 ppm 0.0 ppm		Core run #4: From 44-54'. Standard 2" core barrel. RQD=30%.
45							49.4-49.9 Red-brown SILTSTONE to sandy MUDSTONE; massive; becoming frequent horizontal fractures at <0.08-0.25 ft spacing.			
46							49.9-51 Red-brown SILTSTONE to sandy MUDSTONE; weathered; pits and vugs; frequent horizontal fractures at <0.08-0.25 ft spacing.			
47							51-52.7 Red-brown SILTSTONE to sandy MUDSTONE; massive; frequent horizontal fractures at <0.08-0.25 ft spacing. 52.7-53.4 Red-brown SILTSTONE to sandy MUDSTONE; massive; weathered pits; vugs; voids; frequent fractures.			

Project Name: Cornell–Dubilier	Site Id: MW09
Project Number: 1945.1018	Static Water Level: 17.40'
Location: South Plainfield, NJ	X Coordinate: 516874.58
Logged By: C. Prothro	Y Coordinate: 634402.92
Contractor: Tabasco Drilling	Elevation: 74.83'
Drilling Method: 10in and 6in roller bits; 2in core barrel	Conductor Casing: type: Steel dia: 10.00in fm: −3.00' to: 15.00'
Date Started: 09/18/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: −0.9' to: 29.00'
Date Completed: 09/22/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 29.00' to: 54.00'
Remarks: Diedrich D–120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 28.00'; type: #0 Quartz Sand fm: 28.00' to: 29.00'; type: #1 Quartz Sand fm: 29.00' to: 54.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
							53.4–54 Red–brown SILTSTONE to sandy MUDSTONE; massive; weathered pits; vugs; voids; very frequently fractured.			
49										
50										
51										Water loss of ~19 gallons from 51'.
52										
53										
54							End of boring at 54 feet.			2" Screen bottom at 54'.
55										
56										
57										
58										
59										

Project Name: Cornell-Dubilier	Site Id: MW10
Project Number: 1945.1018	Static Water Level: 15.89'
Location: South Plainfield, NJ	X Coordinate: 516755.26
Logged By: T. Fowler	Y Coordinate: 634104.15
Contractor: Tabasco Drilling	Elevation: 72.82'
Drilling Method: 10in and 6in roller bits; 2in core bar.	Conductor Casing: type: Steel dia: 10.00in fm: -2.35' to: 14.00'
Date Started: 07/20/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: -1.5' to: 37.00'
Date Completed: 08/01/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 37.00' to: 52.00'
Remarks: Diedrich D-120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 33.00' type: fm: 33.00' to: 35.00' type: fm: 35.00' to: 52.50'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
	7/20/00	1130	60	4 11 28 52	ML		0-0.83 Lt brown to red-brown SILT; some f sand. 0.83-1.2 Red-brown SILTSTONE; weathered; horizontal bedding.	0.0 ppm 0.0 ppm		Samples collected to 2' with 2" split spoon and from 2-4' with 3" split spoon. Sample: CDE-MW10-00
1										
2	7/20/00	1150	100	38 78 1 /.33			2-4 Red-brown SILTSTONE; weathered; silt-size and .25-1" pieces; dry.	0.0 ppm 0.0 ppm		Borehole advanced with 6.25" HSA.
3										Sample: CDE-MW10-02 10" Outer Casing to 4'.
4	7/20/00 7/27/00	1200 1345	100 72	1 /.5	SL		Red-brown SILTSTONE; silt-size particles to 0.08' pieces; weathered; dry. 4-8 Red-brown SILTSTONE; very broken (0.5-2" pieces); horizontal bedding fractures; some fractures at 80 degrees. 8-9.5 Red-brown SILTSTONE; bedding fractures at 0.04-0.16 ft spacing. 9.5-10 Red-brown SILTSTONE; fractures at horizontal and 30 degrees. 10-11.2 Red-brown SILTSTONE. At 10.2 ft, fracture at 30 degrees. At 10.5 ft, fracture at 0 degrees. At 10.8 ft, fracture at 30 degrees. At 11, 11.2, 11.4, and 11.7 ft, horizontal fractures. At 11.5 ft, fracture at 70 degrees. At 12 ft, bedding fracture. 12.3-12.7 fractures at 30 degrees. At 12.4 ft, fracture. At 12.8 ft, horizontal 70 degree bedding fracture filled with silt and gravel.	0.0 ppm 0.0 ppm		Core run #1: From 4-14'. Standard 2" core barrel. RQD=4%.
5										
6										
7										
8										
9										
10										
11										

Project Name: Cornell-Dubilier	Site Id: MW10
Project Number: 1945.1018	Static Water Level: 15.89'
Location: South Plainfield, NJ	X Coordinate: 516755.26
Logged By: T. Fowler	Y Coordinate: 634104.15
Contractor: Tabasco Drilling	Elevation: 72.82'
Drilling Method: 10in and 6in roller bits; 2in core bar.	Conductor Casing: type: Steel dia: 10.00in fm: -2.35' to: 14.00'
Date Started: 07/20/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: -1.5' to: 37.00'
Date Completed: 08/01/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 37.00' to: 52.00'
Remarks: Diedrich D-120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 33.00' type: fm: 33.00' to: 35.00' type: fm: 35.00' to: 52.50'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
13										
14	7/28/00	0945	80				14-18 Red-brown SILTSTONE; fractures along bedding planes; some near-vertical fractures in 0.02-0.25 ft pieces.	0.0 ppm 0.0 ppm		6" Outer Casing to 14'. Core run #2: From 14-22.5 Standard 2" core barrel. RQD=30%.
15							18-19.8 Red-brown SILTSTONE; some vertical fractures in 0.02-0.25 ft pieces. At 18, 18,2, 18.3, and 18.8 ft, fractures at 10 degrees.			
16							At 19 ft, fractured. At 19.3 ft, fractured at 0 degrees with blue weathering.			
17							At 19.7 ft, fractured at 0 degrees. 19.8-20 Red-brown SILTSTONE; vugs; some near-vertical fractures in 0.02-0.25 ft pieces. 20-20.8 Red-brown SILTSTONE; some vertical fractures in 0.02-0.25 ft pieces.			
18							At 20.5, 21.0, and 21.2 ft, horizontal fractures. At 21.7 and 21.8 ft, fracture at 0 degrees.			
19										
20										
21										
22										
23	7/28/00	1245	95				22.5-23 Red-brown SILTSTONE. At 22.5 ft, vugs. At 22.7 ft, fracture at 30 degrees. 23-24 Red-brown SILTSTONE; fractured at 20-30 degrees. 24-26 Red-brown SILTSTONE. At 24.3, 24.5, 24.8, 25, 25.1, 25.2, 25.5, 26, bedding	0.0 ppm 0.0 ppm		Core run #3: From 22.5-32. Standard 2" core barrel. RQD=72%.

Project Name: Cornell-Dubilier	Site Id: MW10
Project Number: 1945.1018	Static Water Level: 15.89'
Location: South Plainfield, NJ	X Coordinate: 516755.26
Logged By: T. Fowler	Y Coordinate: 634104.15
Contractor: Tabasco Drilling	Elevation: 72.82'
Drilling Method: 10in and 6in roller bits; 2in core bar.	Conductor Casing: type: Steel dia: 10.00in fm: -2.35' to: 14.00'
Date Started: 07/20/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: -1.5' to: 37.00'
Date Completed: 08/01/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 37.00' to: 52.00'
Remarks: Diedrich D-120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 33.00' type: fm: 33.00' to: 35.00' type: fm: 35.00' to: 52.50'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
							fractures at 0 degrees. 26-26.3 Red-brown SILTSTONE; frequent fractures. 26.3-27 Red-brown SILTSTONE. At 26.6 and 26.8 ft, fractures at 20 degrees. 27.0-27.5 Red-brown SILTSTONE. At 28.1 ft, horizontal bedding fracture at 10-20 degrees. At 29.5 ft, fracture at 30 degrees. At 30 ft, possible fracture at 45 degrees. At 31 ft, fracture at 10 degrees; gray weathering. At 31.8 ft, healed horizontal fracture (whitish fill). At 33.2 and 33.5 ft, fracture at 10 degrees; gray weathering. 27.2-30 Red-brown SILTSTONE.			
25										
26										
27										
28										
29										
30										
31										
32										
33	7/28/00	1515	100				32.5-34.8 Red-brown SILTSTONE. At 33.5 ft, horizontal fracture. At 33.5 ft, fracture at 15 degrees. At 34.1 ft, horizontal fracture. 34.8-36.3 Red-brown SILTSTONE; fracture at 70 degrees.			Core run #4: From 32.5-42.5'. Standard 2" core barrel. RQD=70%.
34							36.3-38.6 Red-brown SILTSTONE. At 36.4 ft, horizontal fracture. At 36.9 ft, fracture at 0 degrees. At 37.4 ft, fracture at 60 degrees. At 38 ft, horizontal fracture.			
35							At 38.3 and 38.4 ft, fractures at 15 degrees. 38.6-40.3 Red-brown SILTSTONE; nearly vertical fracture. At 39, 39.3, 39.6, 39.9, and 40.3 ft, fractures at 0			Water loss of ~20-30 gallons from 28-35'.

Project Name: Cornell-Dubilier	Site Id: MW10
Project Number: 1945.1018	Static Water Level: 15.89'
Location: South Plainfield, NJ	X Coordinate: 516755.26
Logged By: T. Fowler	Y Coordinate: 634104.15
Contractor: Tabasco Drilling	Elevation: 72.82'
Drilling Method: 10in and 6in roller bits; 2in core bar.	Conductor Casing: type: Steel dia: 10.00in fm: -2.35' to: 14.00'
Date Started: 07/20/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: -1.5' to: 37.00'
Date Completed: 08/01/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 37.00' to: 52.00'
Remarks: Diedrich D-120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 33.00' type: fm: 33.00' to: 35.00' type: fm: 35.00' to: 52.50'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
							degrees. At 40.5 ft, small vugs with white fill. At 40.9 ft, fracture at 20 degrees. 40.3-41.5 Red-brown SILTSTONE. At 41.1 ft, fracture at 0 degrees. 41.5-41.7 Red-brown SILTSTONE;gray inclusion and near-vertical and near-horizontal fractures. 41.7-42.5 Red-brown SILTSTONE.			
37										2" Screen top at 37'.
38										
39										
40										
41										
42										
	7/28/00	1715	48				Red-brown SILTSTONE. At 44.3, 44.8, 45.3, 46.3, 46.5, 48, 49.1, fractures. At 46.3 and 48.3 ft, pitting. At 49.9 and 50.9 ft, vertical fractures. At 50.2 ft, weathered zone. At 52.5 ft, fractures at 70 degrees and weathering.	0.0 ppm 0.0 ppm		Core run #5: From 42.5-52.5'. Standard 2" core barrel. RQD=23%.
43										
44										
45										Water loss of ~50 gallons from 40-45'.
46										
47										

Project Name: Cornell-Dubilier	Site Id: MW10
Project Number: 1945.1018	Static Water Level: 15.89'
Location: South Plainfield, NJ	X Coordinate: 516755.26
Logged By: T. Fowler	Y Coordinate: 634104.15
Contractor: Tabasco Drilling	Elevation: 72.82'
Drilling Method: 10in and 6in roller bits; 2in core bar.	Conductor Casing: type: Steel dia: 10.00in fm: -2.35' to: 14.00'
Date Started: 07/20/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: -1.5' to: 37.00'
Date Completed: 08/01/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 37.00' to: 52.00'
Remarks: Diedrich D-120 Rig, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 33.00' type: fm: 33.00' to: 35.00' type: fm: 35.00' to: 52.50'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
49										
50										Water loss of ~30 gallons from 45-50'.
51										
52										2" Screen bottom at 52'.
							End of boring at 52.5 feet.			
53										
54										
55										
56										
57										
58										
59										

Project Name: Cornell-Dubilier	Site Id: MW11
Project Number: 1945.1018	Static Water Level: 19.42'
Location: South Plainfield, NJ	X Coordinate: 516578.87
Logged By: C. Prothro, T. Brooks	Y Coordinate: 634521.40
Contractor: Tabasco Drilling	Elevation: 75.18'
Drilling Method: 10in and 6in roller bits; 2in core bar.	Conductor Casing: type: Steel dia: 10.00in fm: -3.00' to: 14.00'
Date Started: 08/22/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: -1.9' to: 34.00'
Date Completed: 08/29/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 34.00' to: 59.00'
Remarks: Diedrich D-120, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 30.00' type: fm: 30.00' to: 32.00' type: fm: 32.00' to: 59.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
	8/22/00	0920	92	5 18 18 9	ML SM		0-0.42 Dk brown sandy SILT and Organics. 0.42-0.66 Dk brown sandy SILT, Organics, and 0.02-ft Gravel. 0.66-1.83 Black silty Sand and 0.02-ft Gravel (Fill).	110 ppm 54.0 ppm		Samples collected to 14' with 3" split spoon. Borehole advanced with 6.25" HSA. Sample: CDE-MW11-00
1										
2	8/22/00	0926	83	3 5 2 6			2-2.33 Black silty Sand and 0.02-ft Gravel (Fill). 2.33-3.66 Black silty Sand and 0.02-0.04-ft Gravel (FILL); wet; wood debris at bottom.	130 ppm 0.0 ppm		
3										
4	8/22/00	0933	87	2 1 2 1	ML		4-5.25 Black sandy SILT and 0.08-ft Gravel; satd. 5.25-5.75 Black-brown clayey SILT; wet.	190 ppm 0.0 ppm		
5										Sample: CDE-MW11-04
6	8/22/00	0944	50	1 2 4 7	SM/CL		6-6.25 Black sandy SILT; satd. 6.25-6.58 Orange-brown to red CLAY; tight; moist. 6.58-6.75 Brown SILTSTONE. 6.75-7 Lt gray to red-brown CLAY; mottled; dry.	22.3 ppm 0.0 ppm		
7										Sample: CDE-MW11-06
8	8/22/00	1000	83	4 7 7 11			8-8.33 Red-brown silty SAND; satd. 8.33-9.33 Orange-brown and lt gray CLAY and red-brown CLAY; tight. 9.33-9.67 Red-brown silty (0.08-ft) GRAVEL; satd.	58.0 ppm 0.0 ppm		
9										
10	8/22/00	1020	75	30 90 100/.16	CL SL/MS		10-10.33 Red-brown silty CLAY and weathered SILTSTONE. 10.33-10.50 Red-brown SILTSTONE to MUDSTONE; weathered.	4.7 ppm 0.0 ppm		
11										Sample: CDE-MW11-12. Bailer sample:

Project Name: Cornell-Dubilier	Site Id: MW11
Project Number: 1945.1018	Static Water Level: 19.42'
Location: South Plainfield, NJ	X Coordinate: 516578.87
Logged By: C. Prothro, T. Brooks	Y Coordinate: 634521.40
Contractor: Tabasco Drilling	Elevation: 75.18'
Drilling Method: 10in and 6in roller bits; 2in core bar.	Conductor Casing: type: Steel dia: 10.00in fm: -3.00' to: 14.00'
Date Started: 08/22/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: -1.9' to: 34.00'
Date Completed: 08/29/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 34.00' to: 59.00'
Remarks: Diedrich D-120, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 30.00' type: fm: 30.00' to: 32.00' type: fm: 32.00' to: 59.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
	8/22/00	1046	42	85 1 /.16			Red-brown SILTSTONE to MUDSTONE and silty Matrix; weathered; oily sheen; satd.	40.0 ppm 0.0 ppm		CDE-MWG-11
13										
14	8/23/00	1730	93				14-15.4 Red-brown SILTSTONE to sandy MUDSTONE; horizontal fractures at 0.04-0.08 ft spacing. At 15.1 ft, calcareous deposit.	48.2 ppm 8.9 ppm		10" Outer Casing to 14'. Core run #1: From 14-24'. Standard 2" core barrel. Rate of barrel advance ~0.07'/min. RQD=3.6%. Sheen present on core.
15							15.4-15.7 Red-brown SILTSTONE to sandy MUDSTONE; vertical fractures; horizontal fractures at 0.04-0.08 ft spacing.			
16							15.7-16 Red-brown SILTSTONE to sandy MUDSTONE; horizontal fractures at 0.04-0.08 ft spacing. 16-17 Red-brown SILTSTONE to sandy MUDSTONE; horizontal fractures at 0.16 ft spacing.			
17							17-17.2 Red-brown SILTSTONE to sandy MUDSTONE; vertical fractures; horizontal fractures at 0.16 ft spacing. At 17.2, gray weathering.			
18							17.2-17.4 Red-brown SILTSTONE to sandy MUDSTONE; calcareous deposits; horizontal fractures at 0.16 ft spacing. 17.4-18.5 Red-brown SILTSTONE to sandy MUDSTONE; horizontal fractures at 0.16 ft spacing.			
19							At 17.3, vugs. At 17.3 and 17.4 ft, diagonal fractures. 18.5-18.7 Red-brown SILTSTONE to sandy MUDSTONE; calcareous deposits; horizontal fractures at 0.16 ft spacing.			
20							At 18.7, vugs. 18.7-18.8 Red-brown SILTSTONE to sandy MUDSTONE; horizontal fractures at 0.16 ft spacing. At 18.8, calcareous deposits.			
21							18.8-18.9 Red-brown SILTSTONE to sandy MUDSTONE; vugs; horizontal fractures at 0.16 ft spacing. 18.9-19 Red-brown SILTSTONE to sandy MUDSTONE; horizontal fractures at 0.16 ft spacing.			
22							19-20.3 Red-brown SILTSTONE to sandy MUDSTONE; horizontal fractures at 0.21-0.25 ft spacing; calcareous deposits at 20-20.2 ft. At 19.6, gray weathering.			
23							20.3-20.4 Red-brown SILTSTONE to sandy MUDSTONE. 20.4-21.1 Red-brown SILTSTONE to sandy MUDSTONE; heavily weathered; vertical fractures. 21.1-21.8 Red-brown SILTSTONE to sandy MUDSTONE.			6" Inner Casing

Project Name: Cornell-Dubilier	Site Id: MW11
Project Number: 1945.1018	Static Water Level: 19.42'
Location: South Plainfield, NJ	X Coordinate: 516578.87
Logged By: C. Prothro, T. Brooks	Y Coordinate: 634521.40
Contractor: Tabasco Drilling	Elevation: 75.18'
Drilling Method: 10in and 6in roller bits; 2in core bar.	Conductor Casing: type: Steel dia: 10.00in fm: -3.00' to: 14.00'
Date Started: 08/22/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: -1.9' to: 34.00'
Date Completed: 08/29/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 34.00' to: 59.00'
Remarks: Diedrich D-120, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 30.00' type: fm: 30.00' to: 32.00' type: fm: 32.00' to: 59.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
	8/28/00	1115	0				21.8-22 Red-brown SILTSTONE to sandy MUDSTONE; vugs. 22-22.5 Red-brown SILTSTONE to sandy MUDSTONE. 22.5-22.8 Red-brown SILTSTONE to sandy MUDSTONE; calcareous deposits. 22.8-23.25 Red-brown SILTSTONE to sandy MUDSTONE; horizontal fractures at 0.21-0.25 ft spacing. 24-34 No recovery.	0.0 ppm 0.0 ppm		to 24'. Core run #2: From 24-34'. Standard 2" core barrel. Strong solvent-like odor noted during drilling. No recovery most likely due to 1.5"-diameter piece of steel lodged in core barrel.
25										
26										
27										
28										
29										
30										
31										
32										
33										
34	8/28/00	1505	92				34-34.4 Red-brown SILTSTONE to sandy MUDSTONE; frequent horizontal fractures at 0.1-0.2 ft spacing; some sedimentary structures (cross-bedding) and bioturbation; trace white calcareous-filled vugs and veins. 34.4-35.25 Red-brown SILTSTONE; massive; diagonal fracture at 34.7 ft; some sedimentary structures (cross-bedding)and bioturbation; trace white calcareous-	0.0 ppm 0.0 ppm		2" Screen top at 34'. Core run #3: From 34-44'. Standard 2" core barrel. Rate of barrel advance ~0.07'/min.
35										

FW	Project Name: Cornell-Dubilier	Site Id: MW11
	Project Number: 1945.1018	Static Water Level: 19.42'
	Location: South Plainfield, NJ	X Coordinate: 516578.87
	Logged By: C. Prothro, T. Brooks	Y Coordinate: 634521.40
Contractor: Tabasco Drilling		Elevation: 75.18'
Drilling Method: 10in and 6in roller bits; 2in core bar.		Conductor Casing: type: Steel dia: 10.00in fm: -3.00' to: 14.00'
Date Started: 08/22/00		Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: -1.9' to: 34.00'
Date Completed: 08/29/00		Screens: type: Slotted size: 0.010in dia: 2.00in fm: 34.00' to: 59.00'
Remarks: Diedrich D-120, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.		Annular Fill: type: Bentonite fm: 0.33' to: 30.00'; type: fm: 30.00' to: 32.00'; type: fm: 32.00' to: 59.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
							filled vugs and veins. 35.25-36.5 Red-brown SILTSTONE to sandy MUDSTONE; frequent horizontal fractures; some sedimentary structures (cross-bedding) and bioturbation; trace white calcareous-filled vugs and veins.			RQD=14.5%.
37							36.5-37.5 Red-brown sandy MUDSTONE; massive; horizontal fractures at 0.2-0.4 foot spacing; some sedimentary structures (cross-bedding) and bioturbation; trace white calcareous-filled vugs and veins.			
38							37.5-38.5 Red-brown SILTSTONE to sandy MUDSTONE; heavily cross-bedded sedimentary structures; bioturbation; trace white calcareous-filled vugs and veins.			
39							38.5-39.4 Red-brown SILTSTONE to sandy MUDSTONE; frequent horizontal fractures; some sedimentary structures (cross-bedding) and bioturbation; trace white calcareous-filled vugs and veins.			
40							39.4-41.5 Red-brown SILTSTONE; massive; horizontal fractures at 0.1 ft spacing; some sedimentary structures (cross-bedding) and bioturbation; trace white calcareous-filled vugs and veins.			
41							41.5-44 MUDSTONE; massive; some sedimentary structures (cross-bedding) and bioturbation; trace white calcareous-filled vugs and veins; becomes increasingly bioturbated with depth.			
42										
43										
44	8/28/00	1602	83				44-45.5 Red-brown SILTSTONE to sandy MUDSTONE; frequent horizontal fractures at <0.1 ft spacing; bioturbation; sedimentary structures.	0.0 ppm 0.0 ppm	Core run #4: From 44-49'. Standard 2" core barrel. Rate of barrel advance ~0.09'/min. RQD=0.0%.
45							45.5-46.1 Red-brown SILTSTONE to sandy MUDSTONE; very frequent horizontal fractures at <0.1 ft spacing; bioturbation; sedimentary structures.			
46							46.1-46.5 Red-brown SILTSTONE to sandy MUDSTONE; frequent horizontal fractures at <0.1 ft spacing; bioturbation; sedimentary structures.			
47							46.5-46.8 Gray-white to purple-white f SANDSTONE; sedimentary structures. 46.8-49 Red-brown SILTSTONE to sandy MUDSTONE; fractured and pitted.			

301061

FW	Project Name: Cornell–Dubilier	Site Id: MW11
	Project Number: 1945.1018	Static Water Level: 19.42'
	Location: South Plainfield, NJ	X Coordinate: 516578.87
	Logged By: C. Prothro, T. Brooks	Y Coordinate: 634521.40
Contractor: Tabasco Drilling		Elevation: 75.18'
Drilling Method: 10in and 6in roller bits; 2in core bar.		Conductor Casing: type: Steel dia: 10.00in fm: −3.00' to: 14.00'
Date Started: 08/22/00		Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: −1.9' to: 34.00'
Date Completed: 08/29/00		Screens: type: Slotted size: 0.010in dia: 2.00in fm: 34.00' to: 59.00'
Remarks: Diedrich D−120, 6.25" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.		Annular Fill: type: Bentonite fm: 0.33' to: 30.00'; type: fm: 30.00' to: 32.00'; type: fm: 32.00' to: 59.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
49	8/29/00	1026	93				Red–brown SILTSTONE; massive; frequent horizontal fractures at 0.16 ft spacing; trace to some white calcareous–filled vugs and veins. At 56 ft, very frequent horizontal fractures. At 49.8 ft, diagonal fracture at high angle.	0.0 ppm 0.0 ppm		Core run #5: From 49–59'. Standard 2" core barrel. Rate of barrel advance ~0.09'/min. RQD=14.4%.
50										
51										
52										
53										
54										
55										
56										
57										
58										
59							End of boring at 59 feet.			2" Screen bottom at 59'.

Project Name: Cornell-Dubilier	Site Id: MW12
Project Number: 1945.1018	Static Water Level: 18.28'
Location: South Plainfield, NJ	X Coordinate: 516414.93
Logged By: C. Prothro	Y Coordinate: 634627.91
Contractor: Tabasco Drilling	Elevation: 75.92'
Drilling Method: 10in and 6in roller bits; 2in core barrel	Conductor Casing: type: Steel dia: 10.00in fm: 0.00' to: 10.00'
Date Started: 09/05/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: 0.3' to: 35.00'
Date Completed: 09/11/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 35.00' to: 60.00'
Remarks: Diedrich D-120 Rig, 625" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 31.00'; type: #0 Quartz Sand fm: 31.00' to: 33.00'; type: #1 Quartz Sand fm: 33.00' to: 60.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction MP. EL. 75.67	Notes
	9/5/00	1000	90	24 50 56	SM/ML		Gray-black f silty to f SAND and subrounded to angular m diabase GRAVEL; dense; dry; strong odor.	50.6 ppm 84.1 ppm		Samples collected to 10' with 3" split spoon. Borehole advanced with 6.25" HSA. Sample: CDE-MW12-00.
1										
2	9/5/00	1013	60	12 14 15 15			2-2.25 Gray-black f silty to f SAND and subrounded to angular m diabase GRAVEL; dense; dry. 2.25-3 Red-brown silty CLAY; trace organic material (roots); dense; dry. 3-3.2 Black organic rich PEAT; dense; dry.			
3										
4	9/5/00	1021	80	3 5 7 10			4-4.5 Black to dk brown organic PEAT. 4.5-5.6 Dk red-brown m SAND; semi-dense; moist to wet.			
5										Sample: CDE-MW12-04
6	9/5/00	1027	84	5 10 75 50	SL		6-6.6 Dk red-brown m SAND; semi-dense; moist to wet. 6.6-7.68 Red-brown SILTSTONE pieces and silty CLAY; weathered; firm; wet; dense; becomes SILTSTONE; weathered with trace black staining.	19.2 ppm 58.7 ppm		
7										Slight black stain.
8	9/5/00	1040	40	100			Red-brown SILTSTONE; weathered; wet.	9.2 ppm 22.3 ppm		
9										Sample: CDE-MW12-08 Bailer Sample: CDE-MWG-12 10" Outer Casing to 10'.
10	9/6/00	1005	47		SL/MS		10-19 Red-brown SILTSTONE; frequent horizontal, diagonal, and vertical fractures; white calcareous-filled vugs; trace to some black staining. At 18-19 ft, intermittent sedimentary structures (cross bedding).	26.6 ppm 3.3 ppm		Core run #1: From 10-19'. Standard 2" core barrel. Rate of barrel advance ~0.1'/min. RQD=0.0%
11										

Project Name: Cornell–Dubilier	Site Id: MW12
Project Number: 1945.1018	Static Water Level: 18.28'
Location: South Plainfield, NJ	X Coordinate: 516414.93
Logged By: C. Prothro	Y Coordinate: 634627.91
Contractor: Tabasco Drilling	Elevation: 75.92'
Drilling Method: 10in and 6in roller bits; 2in core barrel	Conductor Casing: type: Steel dia: 10.00in fm: 0.00' to: 10.00'
Date Started: 09/05/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: 0.3' to: 35.00'
Date Completed: 09/11/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 35.00' to: 60.00'
Remarks: Diedrich D–120 Rig, 625" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 31.00'; type: #0 Quartz Sand fm: 31.00' to: 33.00'; type: #1 Quartz Sand fm: 33.00' to: 60.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
13										At 13.5' Slight solvent odor.
14										
15										
16										
17										
18										
19	9/6/00	1151	65		SL		19–20 Red–brown SILTSTONE; frequently fractured horizontal fractures of 0.08–0.25 ft spacing. 20–21 Red–brown SILTSTONE; massive; white calcareous–filled vugs; horizontal fractures of 0.08–0.25 ft spacing. 21–25 Red–brown SILTSTONE; massive; horizontal fractures of 0.08–0.25 ft spacing. At 20 and 23 ft, vertical fractures with trace to some dark staining. At 23 ft, possible void space.	NM		Solvent odor remains. Core run #2: From 19–25'. Standard 2" core barrel. Rate of barrel advance ~0.07'/min. RQD=32.9%. Trace to some dark stain along vertical fractures in core.
20										
21										
22										
23										

Project Name: Cornell-Dubilier	Site Id: MW12
Project Number: 1945.1018	Static Water Level: 18.28'
Location: South Plainfield, NJ	X Coordinate: 516414.93
Logged By: C. Prothro	Y Coordinate: 634627.91
Contractor: Tabasco Drilling	Elevation: 75.92'
Drilling Method: 10in and 6in roller bits; 2in core barrel	Conductor Casing: type: Steel dia: 10.00in fm: 0.00' to: 10.00'
Date Started: 09/05/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: 0.3' to: 35.00'
Date Completed: 09/11/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 35.00' to: 60.00'
Remarks: Diedrich D-120 Rig, 625" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 31.00'; type: #0 Quartz Sand fm: 31.00' to: 33.00'; type: #1 Quartz Sand fm: 33.00' to: 60.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
25	9/7/00	1130	52		SL/MS		25-26 Red-brown SILTSTONE to sandy MUDSTONE; horizontal fractures at 0.13-0.25 ft spacing; white calcareous filled vugs; some vugs with visible aragonite crystals.	0.0 ppm 4.7 ppm		Water loss slight at 25'. 6" Inner Casing to 25'. Core run #3: From 25-34'. Standard 2" core barrel. Rate of barrel advance ~0.08'/min. RQD=0.0%.
26							26-27 Red-brown SILTSTONE to sandy MUDSTONE; weathered; grey-green anaerobic zone; numerous pits and vugs.			
27							27-28 Red-brown SILTSTONE to sandy MUDSTONE; horizontal fractures at 0.13-0.25 ft spacing; white calcareous filled vugs; some vugs with visible aragonite crystals.			
28							28-29 Red-brown SILTSTONE to sandy MUDSTONE; diagonal fracture. 28.5-29 Red-brown SILTSTONE to sandy MUDSTONE; diagonal fracture; sedimentary structures (skolithos, angular shrinkage, mudcrack-like feature; cross-bedding; laminations).			
29							29-33.5 Red-brown SILTSTONE to sandy MUDSTONE; horizontal fractures at 0.13-0.25 ft spacing; white calcareous filled vugs; sedimentary structures (skolithos, angular shrinkage, mudcrack-like feature; cross-bedding; laminations); some vugs with visible aragonite crystals. At 30 ft, diagonal fracture.			
30										
31							33.5-34 Red-brown SILTSTONE; massive.			
32								NM		
33										
34	9/7/00	1320	91				34-34.6 Red-brown SILTSTONE and Mudstone; massive; trace to some white calcareous-filled vugs; horizontal fractures at <0.04 ft spacing.	0.0 ppm 4.3 ppm		Water loss of ~6.2 gallons from 34'. Core run #4: From 34-44'. Standard 2" core barrel. Rate of barrel advance ~0.09'/min. 2" Screen top at
35							34.6-37.5 Red-brown SILTSTONE; massive; trace to some white calcareous-filled vugs; horizontal fractures with 0.08-0.33 ft spacing. At 36.1 ft, diagonal fracture. 37.5-39 Red-brown SILTSTONE and Mudstone; trace to			

Project Name: Cornell-Dubilier	Site Id: MW12
Project Number: 1945.1018	Static Water Level: 18.28'
Location: South Plainfield, NJ	X Coordinate: 516414.93
Logged By: C. Prothro	Y Coordinate: 634627.91
Contractor: Tabasco Drilling	Elevation: 75.92'
Drilling Method: 10in and 6in roller bits; 2in core barrel	Conductor Casing: type: Steel dia: 10.00in fm: 0.00' to: 10.00'
Date Started: 09/05/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: 0.3' to: 35.00'
Date Completed: 09/11/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 35.00' to: 60.00'
Remarks: Diedrich D-120 Rig, 625" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 31.00' type: #0 Quartz Sand fm: 31.00' to: 33.00' type: #1 Quartz Sand fm: 33.00' to: 60.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
							some white calcareous-filled vugs; sedimentary structures; bioturbation; white calcareous structures. At 39 ft, diagonal fractures. 39-41.3 Red-brown SILTSTONE and Mudstone; massive; trace to some white calcareous-filled vugs; two weathered horizontal fractures; one low-angle diagonal fracture. 41.3-44 Red-brown SILTSTONE; massive; trace to some white calcareous-filled vugs; trace sedimentary lamination structure; fractures with 0.13-0.33 ft spacing. At 42.2 ft, vertical fracture with possible staining.			35'. RQD=25.6%.
37										
38										
39										
40										
41										
42										
43										
44	9/7/00	1447	79				44-44.7 Red-brown SILTSTONE to MUDSTONE; massive; frequent horizontal fractures with 0.08-0.33 ft spacing. 44.7-46.1 Red-brown SILTSTONE to MUDSTONE; massive; heavily weathered; gray-green anaerobic zone; fractures at <0.08 ft spacing. 46.1-48.75 Red-brown SILTSTONE to MUDSTONE; massive; frequent horizontal fractures with 0.08-0.33 ft spacing.	NM		Water loss from 34-44'. Core run #5: From 44-50'. Standard 2" core barrel. Rate of barrel advance ~0.08'/min. RQD=14%.
45										
46										
47										

Project Name: Cornell-Dubilier	Site Id: MW12
Project Number: 1945.1018	Static Water Level: 18.28'
Location: South Plainfield, NJ	X Coordinate: 516414.93
Logged By: C. Prothro	Y Coordinate: 634627.91
Contractor: Tabasco Drilling	Elevation: 75.92'
Drilling Method: 10in and 6in roller bits; 2in core barrel	Conductor Casing: type: Steel dia: 10.00in fm: 0.00' to: 10.00'
Date Started: 09/05/00	Blank Casing: type: TP 304 S. Steel dia: 2.00in fm: 0.3' to: 35.00'
Date Completed: 09/11/00	Screens: type: Slotted size: 0.010in dia: 2.00in fm: 35.00' to: 60.00'
Remarks: Diedrich D-120 Rig, 625" id HSA, 6" and 10" roller bits. SS: Sandstone, SL: Siltstone, MS: Mudstone Static water level values collected during synoptic water level round on 10/05/00.	Annular Fill: type: Bentonite fm: 0.33' to: 31.00'; type: #0 Quartz Sand fm: 31.00' to: 33.00'; type: #1 Quartz Sand fm: 33.00' to: 60.00'

Depth (ft)	Date	Time	Recovery Percent	Blow Count	USCS Code	Graphic Log	Material Description	PID/FID (ppm)	Well Construction	Notes
49										
50	9/7/00	1717	96				50-50.6 Red-brown SILTSTONE to MUDSTONE; vertical fracture. 50.6-51.2 Red-brown SILTSTONE to MUDSTONE; frequent horizontal fractures with green-gray anaerobic zone. 51.2-51.4 Red-brown SILTSTONE to MUDSTONE; diagonal fracture. 51.4-54 Red-brown SILTSTONE to MUDSTONE; massive; white calcareous-filled vugs; horizontal fractures with 0.08-0.42 ft spacing. 54-54.5 Red-brown SILTSTONE to MUDSTONE; diagonal fracture. 54.5-56 Red-brown SILTSTONE to MUDSTONE; voids and vugs with horizontal fractures. 56-60 Red-brown SILTSTONE to MUDSTONE; horizontal fractures with 0.16 ft spacing. At 57.25 ft, diagonal fracture and several large white calcareous-filled vugs. At 57.7 ft, vertical fracture. At 60 ft, horizontal fractures with spacing becoming 0.16 ft.	0.0 ppm 3.7 ppm		Water loss from 44-50'. Core run #6: From 50-60'. Standard 2" core barrel. Rate of barrel advance ~0.08'/min. RQD=13.8%.
51										
52										
53										
54	9/7/00									
55										
56								NM		
57										
58										
59							End of boring at 60 feet			2" Screen bottom at 60'.

APPENDIX E

301067

APPENDIX E

BUILDING SOIL BORING LOGS

Project Name: Cornell-Dubilier	Site Id: BSB01
Project Number: 1945.1018	
Logged By: M. Greenberg	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516362.27
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	Y Coordinate: 635407.64
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples.	Elevation: 67.20'
	Date Started: 08/14/00
	Date Completed: 08/14/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
1	CDE-BSB01-00	8/14/00	0935	0-.17 ASPHALT. .17-.92 Gravel FILL. .92-1.08 Red brown SILT; some subangular f-m gravel; trace clay; moist. Refusal at 1.08 feet at bedrock.	0.0 ppm 1.0 ppm	Sample from 0.92-1.08 ft.
2						
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Project Name: Cornell–Dubilier	Site Id: BSB02
Project Number: 1945.1018	
Logged By: M. Greenberg	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516428.97
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	Y Coordinate: 635321.95
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect samples.	Elevation: 70.66'
	Date Started: 08/14/00
	Date Completed: 08/14/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
1	CDE–BSB02–00	8/14/00	1010	0–.42 CONCRETE. .42–1.5 Dk brown SILT and ang f–c Gravel; trace wood in bottom; satd. Refusal at 1.5 feet.	0.0 ppm 0.0 ppm	Sample from 0.42–1.5 ft.
2						
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Project Name: Cornell-Dubilier	Site Id: BSB03
Project Number: 1945.1018	
Logged By: M. Greenberg	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	X Coordinate: 516528.76
	Y Coordinate: 635262.06
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples.	Elevation: 70.80'
	Date Started: 08/14/00
	Date Completed: 08/14/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0-.08 ASPHALT. .08-.83 CONCRETE.		
1	CDE-BSB03-00	8/14/00	1355	.83-1.58 Red SILT; trace clay and angular f-m gravel; wet. Refusal at 1.58 feet at bedrock surface.	0.0 ppm 0.0 ppm	Sample from 0.83-1.58 ft.
2						
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Project Name: Cornell-Dubilier	Site Id: BSB05
Project Number: 1945.1018	
Logged By: M. Greenberg	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516318.76
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	Y Coordinate: 635315.14
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples.	Elevation: 70.80'
	Date Started: 08/15/00
	Date Completed: 08/15/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
	CDE-BSB05-00	8/15/00	1420	0-.33 CONCRETE. .33-.75 Red-brown subangular to angular f-c GRAVEL; trace silt and c sand; wet. Refusal at 0.75 feet at bedrock surface.	0.0 ppm 0.0 ppm	Sample from 0.33-0.75 ft.
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Project Name: Cornell-Dubilier	Site Id: BSB06
Project Number: 1945.1018	
Logged By: M. Greenberg	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	X Coordinate: 516376.07
	Y Coordinate: 635237.42
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples.	Elevation: 70.48'
	Date Started: 08/15/00
	Date Completed: 08/15/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
1	CDE-BSB06-00	8/15/00	1340	0-.04 ASPHALT. .04-.71 Red-brown SILT; little angular c red siltstone gravel; trace clay and angular f-m gravel; moist to wet. Refusal at 0.71 feet at bedrock surface.	0.0 ppm 0.0 ppm	Sample from 0.71-0.83 ft.
2						
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11						
12						

Project Name: Cornell–Dubilier	Site Id: BSB07
Project Number: 1945.1018	
Logged By: M. Greenberg	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	X Coordinate: 516447.63
	Y Coordinate: 635206.30
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples.	Elevation: 70.98'
	Date Started: 08/15/00
	Date Completed: 08/15/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0–.42 ASPHALT. .42–.88 CONCRETE.		
1	CDE–BSB07–00	8/15/00	1445	.88–1.75 Red–brown SILT; little subangular f–m gravel; trace clay; moist.	0.0 ppm 0.0 ppm	Sample from 0.87–1.75 ft.
2				Refusal at 1.75 feet at bedrock surface.		
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Project Name: Cornell-Dubilier	Site Id: BSB08
Project Number: 1945.1018	
Logged By: M. Greenberg	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516472.31
Drilling Method: S.S. Hand Auger	Y Coordinate: 635170.17
Remarks: Hand auger used to collect soil samples.	Elevation: 70.89'
	Date Started: 08/14/00
	Date Completed: 08/14/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0-2.33 Sand and gravel FILL; subbase.		
1						
2	CDE-BSB08-00	8/14/00	1145	2.33-2.58 Dk brown SILT and angular f gravel; wet.	0.0 ppm 0.0 ppm	Sample from 2.33-2.58 ft.
3				Refusal at 2.58 feet at bedrock surface.		
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12						

Project Name: Cornell–Dubilier	Site Id: BSB09
Project Number: 1945.1018	
Logged By: M. Greenberg	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516364.38
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	Y Coordinate: 635186.54
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples.	Elevation: 70.80'
	Date Started: 08/15/00
	Date Completed: 08/15/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0–.71 ASPHALT.		
1	CDE–BSB09–00	8/15/00	0925	.71–1.66 Lt tan f SAND; trace clay and sub–angular f–c red siltstone gravel; wet.	0.0 ppm 0.0 ppm	Sample from 0.71–1.66 ft.
				1.66–2.66 Lt tan f SAND; trace clay; satd.		
2	CDE–BSB09–12	8/15/00	0947		0.0 ppm 0.0 ppm	Sample from 1.66–2.66 ft.
				End of boring at 2.66 feet.		
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12						

Project Name: Cornell-Dubilier	Site Id: BSB12
Project Number: 1945.1018	
Logged By: A. Rai	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	X Coordinate: 516321.79
	Y Coordinate: 635183.32
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples. NAB: Not Above Background	Elevation: 73.44'
	Date Started: 08/30/00
	Date Completed: 08/30/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
1	CDE-BSB12-00	8/30/00	1522	0-.38 CONCRETE. .38-.71 FILL (Black to lt brown c sand and subrounded f-c gravel). Refusal at 0.71 feet at possible bedrock surface.	NAB NAB	Sample from 0.38-0.71 ft. Trace petroleum-like odor present.
2						
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12						

301078

Project Name: Cornell–Dubilier	Site Id: BSB14
Project Number: 1945.1018	
Logged By: M. Greenberg	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	X Coordinate: 516426.09
	Y Coordinate: 635096.04
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples.	Elevation: 73.78'
	Date Started: 08/16/00
	Date Completed: 08/16/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
1	CDE–BSB14–00	8/16/00	1045	0–.63 CONCRETE. .63–.88 Red subangular to angular f–c siltstone GRAVEL and Silt; dry. Refusal at 0.88 feet at bedrock surface.	0.0 ppm 0.1 ppm	Sample from 0.63–0.88 ft.
2						
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Project Name: Cornell–Dubilier	Site Id: BSB15
Project Number: 1945.1018	
Logged By: M. Greenberg	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	X Coordinate: 516252.58
	Y Coordinate: 635119.48
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples. NAB: Not Above Background	Elevation: 74.47'
	Date Started: 08/16/00
	Date Completed: 08/16/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
1	CDE–BSB15–00	8/16/00	0925	0–.63 ASPHALT. .63–.75 SUBBASE. .75–.92 Gray clayey SILT and angular m Gravel; wet. .92–1.25 Red SILT; trace clay and subangular to subrounded f–m red siltstone gravel; wet. Refusal at 1.25 feet at bedrock surface.	NAB NAB	Sample from 0.75–1.25 ft.
2						
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12						

Project Name: Cornell-Dubilier	Site Id: BSB16
Project Number: 1945.1018	
Logged By: M. Greenberg	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516326.00
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	Y Coordinate: 635066.01
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples.	Elevation: 73.63'
	Date Started: 08/16/00
	Date Completed: 08/16/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
	CDE-BSB16-00	8/16/00	0948	0-.42 ASPHALT. .42-.5 SUBBASE. .5-.66 Gray clayey SILT; little angular f-m gravel; trace c sand; satd. Refusal at 0.66 feet at bedrock surface.	0.0 ppm 0.0 ppm	Sample from 0.5-0.66 ft.
1						
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12						

301081

Project Name: Cornell-Dubilier	Site Id: BSB17
Project Number: 1945.1018	
Logged By: B. Diemer	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516205.13
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	Y Coordinate: 635026.39
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples. NAB: Not Above Background.	Elevation: 77.82'
	Date Started: 09/05/00
	Date Completed: 09/05/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
1	CDE-BSB17-00	9/5/00	1606	0-.46 CONCRETE. .46-1.29 Red-brown SILT; little subangular f-m gravel; trace vf sand. Refusal at 1.29 feet.	0.0 ppm NAB	Sample from 0.46-1.29 ft.
2						
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12						

Project Name: Cornell-Dubilier	Site Id: BSB18
Project Number: 1945.1018	
Logged By: B. Diemer	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516324.97
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	Y Coordinate: 635011.80
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples. NAB: Not Above Background.	Elevation: 77.86'
	Date Started: 08/22/00
	Date Completed: 08/22/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0-.33 CONCRETE. .33-1.16 FILL (Gray angular f gravel; little angular m gravel).		
1	CDE-BSB18-00	8/22/00	1045	1.16-1.42 M brown SILT; little f sand and f gravel.	0.0 ppm	Sample from 1.16-1.42 ft.
2	CDE-BSB18-12	8/22/00	1118	1.42-2.33 Red-brown SILT; little gray angular f gravel fill and red-brown subangular f-m gravel; trace f sand. End of boring at 2.33 feet.	NAB NAB NAB	Sample from 1.42-2.33.
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12						

Project Name: Cornell–Dubilier	Site Id: BSB19
Project Number: 1945.1018	
Logged By: M. Greenberg	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516297.84
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	Y Coordinate: 634990.46
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples.	Elevation: 77.80'
	Date Started: 08/16/00
	Date Completed: 08/16/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0–.5 CONCRETE. .5–1.42 Sand and gravel SUBBASE.		
1	CDE–BSB19–00	8/16/00	1500	1.42–2.08 Red SILT and subangular f–m red siltstone gravel; moist.	0.0 ppm 0.1 ppm	Sample from 1.42–2.08 ft.
2				Refusal at 2.08 feet at bedrock.		
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Project Name: Cornell–Dubilier	Site Id: BSB20
Project Number: 1945.1018	
Logged By: M. Greenberg	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516107.37
Drilling Method: S.S. Hand Auger	Y Coordinate: 635099.72
Remarks: Hand auger used to collect soil samples. The initial location for BSB20 was characterized by refusal at 1.16 ft. Directly adjacent to this location, a second location was created and sampled from 1.0–1.5 ft.	Elevation: 77.05'
	Date Started: 08/11/00
	Date Completed: 08/11/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
	CDE–BSB20–00	8/11/00	0823	0–1.0 Red SILT; trace to little subrounded to subangular f–c siltstone gravel; loose; moist.	0.0 ppm 0.0 ppm	Sample from 0–1.0 ft.
1	CDE–BSB20–12	8/11/00	0918	1.0–2.0 Red SILT; some subrounded to angular f–c gravel; loose; moist.	0.0 ppm 0.0 ppm	Sample from 1.0–1.5 ft.
2				End of boring at 2.0 feet.		
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Project Name: Cornell-Dubilier	Site Id: BSB21
Project Number: 1945.1018	
Logged By: B. Diemer	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516098.33
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	Y Coordinate: 635052.53
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples.	Elevation: 77.84'
	Date Started: 09/08/00
	Date Completed: 09/08/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0-.58 CONCRETE.		
1	CDE-BSB21-00	9/8/00	1110	.58-1.58 FILL (M brown m-c sand; some angular f-m gravel and plastic pieces).	0.0 ppm 2.0 ppm	Sample from 0.58-1.58 ft.
				Refusal at 1.58 feet.		
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Project Name: Cornell–Dubilier	Site Id: BSB22
Project Number: 1945.1018	
Logged By: A. Rai	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516224.88
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	Y Coordinate: 635104.76
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples. NAB: Not Above Background.	Elevation: 77.76'
	Date Started: 09/07/00
	Date Completed: 09/07/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0–.42 CONCRETE.		
1	CDE–BSB22–00	9/7/00	1542	.42–1.5 Red–brown SILT; little subangular f–m gravel; trace vf sand; moist.	NAB NAB	Sample from 0.42–1.5 ft.
2	CDE–BSB22–12	9/7/00	1603	1.5–2.42 Red–brown SILT; trace subangular f gravel; moist.	NAB NAB	Sample from 1.5–2.42 ft.
				End of boring at 2.42 feet.		
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Project Name: Cornell-Dubilier	Site Id: BSB24
Project Number: 1945.1018	
Logged By: M. Greenberg	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	X Coordinate: 516168.34
	Y Coordinate: 634998.91
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples.	Elevation: 78.04'
	Date Started: 08/17/00
	Date Completed: 08/17/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0-.38 ASPHALT. .38-.92 CONCRETE.		
1	CDE-BSB24-00	8/17/00	0815	.92-1.13 Gray c SAND; some subrounded vf-f gravel; satd. Refusal at 1.13 feet at bedrock surface.	0.0 ppm 0.0 ppm	Sample from 0.92-1.13 ft.
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Project Name: Cornell–Dubilier	Site Id: BSB26
Project Number: 1945.1018	
Logged By: M. Greenberg	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516062.81
Drilling Method: S.S. Hand Auger	Y Coordinate: 635031.39
Remarks: Hand auger used to collect soil samples.	Elevation: 78.88'
	Date Started: 08/11/00
	Date Completed: 08/11/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
	CDE–BSB26–00	8/11/00	0950	0–.58 Tan f SAND; loose; moist. .58–1.0 Brown SILT; little clay; trace rounded f gravel; semi–loose; wet to satd.	0.0 ppm 0.0 ppm	Sample from 0–1.0 ft.
1	CDE–BSB26–12	8/11/00	1030	1.0–1.33 Red–brown SILT; trace to little sub–angular to angular f–c siltstone gravel; loose; moist. Refusal at 1.33 feet at bedrock surface.	0.0 ppm 0.0 ppm	Sample from 1.0–1.33 ft.
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Project Name: Cornell-Dubilier	Site Id: BSB27
Project Number: 1945.1018	
Logged By: B. Diemer	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516184.35
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	Y Coordinate: 634927.38
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples. NAB: Not Above Background.	Elevation: 81.93'
	Date Started: 08/30/00
	Date Completed: 08/30/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0-.46 CONCRETE.		
1	CDE-BSB27-00	8/30/00	1128	.46-1.42 Red-brown SILT; trace clay, organics, and subangular gravel.	NAB NAB	Sample from 0.46-1.42 ft.
2	CDE-BSB27-12	8/30/00	1157	1.42-2.33 Red-brown SILT and subangular to subrounded f Gravel; glass piece.	NAB NAB	Sample from 1.42-2.33 ft.
				Refusal at 2.33 feet.		
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Project Name: Cornell-Dubilier	Site Id: BSB28
Project Number: 1945.1018	
Logged By: A. Rai	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516269.11
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	Y Coordinate: 634840.23
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples. NM: Not Measured due to instrument malfunction.	Elevation: 78.36'
	Date Started: 08/23/00
	Date Completed: 08/23/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0-.16 ASPHALT. .16-.58 SUBBASE. .58-1.42 Red-brown SILT; trace vf sand, clay, subangular to angular f-c siltstone gravel.		
1	CDE-BSB28-00	8/23/00	1344		NM	Sample from 0.58-1.42 ft.
	CDE-BSB28-12	8/23/00	1422	1.42-1.92 Red-brown SILT; trace vf sand and subangular to angular f-c gravel. Refusal at 1.92 feet.	NM NM	Sample from 1.42-1.92 ft.
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Project Name: Cornell-Dubilier	Site Id: BSB29
Project Number: 1945.1018	
Logged By: M. Greenberg	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516021.13
Drilling Method: S.S. Hand Auger	Y Coordinate: 634974.35
Remarks: Hand auger used to collect soil samples.	Elevation: 79.95'
	Date Started: 08/11/00
	Date Completed: 08/11/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
	CDE-BSB29-00	8/11/00	1104	0-0.42 Lt tan f SAND; loose; moist. 0.42-1.0 Dk red SILT; little clay; trace to little subrounded to subangular f-c red siltstone gravel; semi-loose; moist to wet.	0.0 ppm 0.0 ppm	Sample from 0-1.0 ft.
1	CDE-BSB29-12	8/11/00	1123	1.0-1.5 Dk red-brown SILT; trace to little sub-rounded to subangular f-c gravel; loose; moist. Refusal at 1.5 feet at bedrock surface.	0.0 ppm 0.0 ppm	Sample from 1.0-1.5 ft.
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Project Name: Cornell–Dubilier	Site Id: BSB30
Project Number: 1945.1018	
Logged By: A. Rai	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	X Coordinate: 516235.33
	Y Coordinate: 634789.92
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples. NAB: Not Above Background.	Elevation: 79.19'
	Date Started: 08/22/00
	Date Completed: 08/22/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0–.42 ASPHALT. .42–.58 SUBBASE. .58–1.58 M red–brown SILT; some f sand and angular to subangular f–m gravel; moist.		
1	CDE–BSB30–00	8/22/00	1449		NAB NAB	Sample from 0.58–1.58 ft.
2	CDE–BSB30–12	8/22/00	1534	1.58–2.58 Red–brown SILT; trace f sand and subangular to angular f gravel; moist.	NAB NAB	Sample from 1.58–2.58 ft.
				End of boring at 2.58 feet.		
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Project Name: Cornell-Dubilier	Site Id: BSB31
Project Number: 1945.1018	
Logged By: A. Rai	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516617.08
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	Y Coordinate: 635238.74
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples. NAB: Not Above Background NM: Not Measured	Elevation: 70.75' Date Started: 08/21/00 Date Completed: 08/21/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0-.75 CONCRETE.		
1	CDE-BSB31-00	8/21/00	1447	.75-1.83 M brown SILT; some f sand; trace organics; moist.	NAB NAB	Sample from 0.75-1.83 ft.
2	CDE-BSB31-12	8/21/00	1518	1.83-2.67 M red-brown SILT; some vf sand and subangular to angular f-m gravel; moist. End of boring at 2.67 feet.	NM NM	Sample from 1.83-2.66 ft.
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301094

Project Name: Cornell-Dubilier	Site Id: BSB33
Project Number: 1945.1018	
Logged By: B. Diemer	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516599.01
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	Y Coordinate: 635219.82
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples. NAB: Not Above Background.	Elevation: 70.83'
	Date Started: 09/05/00
	Date Completed: 09/05/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0-.66 CONCRETE.		
1	CDE-BSB33-00	9/5/00	1401	.66-1.66 Lt brown SILT; trace clay, subrounded m gravel, and organics; dry.	NAB NAB	Sample from 0.66-1.66 ft.
2	CDE-BSB33-12	9/5/00	1426	1.66-2.42 Lt brown to red-brown SILT and angular f-c gravel; dry. Refusal at 2.42 feet.	0.0 ppm 0.5 ppm	
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Project Name: Cornell–Dubilier	Site Id: BSB34
Project Number: 1945.1018	
Logged By: B. Diemer	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	X Coordinate: 516638.28
	Y Coordinate: 635186.06
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples. NAB: Not Above Background.	Elevation: 71.09'
	Date Started: 09/01/00
	Date Completed: 09/01/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0–.66 CONCRETE.		
				.66–1.08 SUBBASE.		
1				1.08–2.42 Red–brown SILT; some f sand; little f–m gravel; trace organics.		
	CDE–BSB34–00	9/1/00	1330		NAB NAB	Sample from 1.08–2.42 ft.
2						
	CDE–BSB34–12	9/1/00	1348	2.42–2.75 Red–brown SILT; some subangular f–c gravel; little vf sand. Refusal at 2.75 feet.	NAB NAB	Sample from 2.42–2.75ft.
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Project Name: Cornell-Dubilier	Site Id: BSB35
Project Number: 1945.1018	
Logged By: M. Greenberg	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516544.11
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	Y Coordinate: 635228.84
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples.	Elevation: 70.85'
	Date Started: 08/14/00
	Date Completed: 08/14/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
1	CDE-BSB35-00	8/14/00	1437	0-.25 ASPHALT. .25-.5 BRICK. .5-.83 Tan m SAND; wet. .83-1.18 Red brown SILT; little subangular to angular gravel; trace to little clay; moist. Refusal at 1.18 feet at bedrock surface.	0.0 ppm 0.6 ppm	Sample from 0.5-2.0 ft. Gravel in 0.83-1.18 interval is red siltstone/mudstone.
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301097

Project Name: Cornell–Dubilier	Site Id: BSB36
Project Number: 1945.1018	
Logged By: B. Diemer	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	
Drilling Method: S.S. Hand Auger	X Coordinate: 516576.96
	Y Coordinate: 635121.13
Remarks: Hand auger used to collect soil samples. NM: Not Measured.	Elevation: 71.06'
	Date Started: 08/23/00
	Date Completed: 08/23/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
	CDE–BSB36–00	8/23/00	1031	0–1.0 Alternating lenses of: Red–brown sandy SILT; some f–m sand and subrounded to subangular f–m gravel and Dk brown to black f SAND; some silt; little f gravel. 1.0–1.67 M brown sandy SILT and subangular to subrounded f Gravel; white powdery substance. 1.67–1.75 Red–brown SILT; little angular f gravel; trace f sand. Refusal at 1.75 feet at bedrock surface.	0.0 ppm 0.0 ppm	Sample from 0.0–1.0 ft.
1	CDE–BSB36–12	8/23/00	1116		0.0 ppm 0.0 ppm	Sample from 1.0–1.75 ft.
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Project Name: Cornell–Dubilier	Site Id: BSB37
Project Number: 1945.1018	
Logged By: A. Rai	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	X Coordinate: 516603.47
	Y Coordinate: 635146.96
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples. NAB: Not Above Background.	Elevation: 71.83'
	Date Started: 08/21/00
	Date Completed: 08/21/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
	CDE–BSB37–00	8/21/00	0943	0–.42 CONCRETE. .42–.75 Red–brown clayey SILT and subangular f–m gravel. Refusal at 0.75 feet.	NAB NAB	Sample from 0.42–0.75 ft.
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Project Name: Cornell–Dubilier	Site Id: BSB39
Project Number: 1945.1018	
Logged By: M. Greenberg	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516502.75
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	Y Coordinate: 635149.58
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples.	Elevation: 70.49'
	Date Started: 08/15/00
	Date Completed: 08/15/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0–.16 ASPHALT. .16–.71 CONCRETE. .71–1.83 Red–brown SILT; little to some angular vf–c red siltstone gravel; moist.		
1	CDE–BSB39–00	8/15/00	0820		0.0 ppm 0.0 ppm	Sample from 0.71–1.83 ft.
2	CDE–BSB39–12	8/15/00	0855	1.83–2.83 Same as above.	0.0 ppm 0.0 ppm	Sample from 1.83–2.83 ft.
3				End of boring at 2.83 feet.		
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Project Name: Cornell-Dubilier	Site Id: BSB40
Project Number: 1945.1018	
Logged By: B. Diemer	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516500.94
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	Y Coordinate: 635091.28
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples.	Elevation: 71.42'
	Date Started: 08/29/00
	Date Completed: 08/29/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0-.5 CONCRETE.		
	CDE-BSB40-00	8/29/00	1443	.5-.66 Red-brown SILT; some vf-m sand and angular f-m gravel; satd. Refusal at 0.66 feet.	0.0 ppm 0.0 ppm	Sample from 0.5-0.66 ft.
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Project Name: Cornell–Dubilier	Site Id: BSB41
Project Number: 1945.1018	
Logged By: B. Diemer	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516546.41
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	Y Coordinate: 635126.89
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples. NAB: Not Above Background.	Elevation: 71.44'
	Date Started: 08/30/00
	Date Completed: 08/30/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0–.33 CONCRETE. .33–.54 White FILL (Clay; cohesive; some gray–brown vf–f sand; trace wood). .54–.79 CONCRETE.		
1	CDE–BSB41–00	8/30/00	0945	.79–1.38 Red–brown SILT; trace f sand, clay, and subangular f–m gravel; dry.	NAB NAB	Sample from 0.79–1.38 ft.
	CDE–BSB41–12	8/30/00	1015	1.38–1.88 Red–brown SILT; trace vf sand and subangular to angular f–m gravel; dry. Refusal at 1.88 feet.	NAB NAB	
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301102

Project Name: Cornell-Dubilier	Site Id: BSB42
Project Number: 1945.1018	
Logged By: B. Diemer	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	X Coordinate: 516600.94
	Y Coordinate: 635019.36
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples. NAB: Not Above Background.	Elevation: 71.49'
	Date Started: 09/08/00
	Date Completed: 09/08/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0-.75 CONCRETE.		
1	CDE-BSB42-00	9/8/00	0925	.75-1.16 Red-brown SILT; trace f sand and angular f-m gravel. Refusal at 1.16 feet at bedrock surface.	NAB 1.0 ppm	Sample from 0.75-1.17 ft.
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Project Name: Cornell–Dubilier	Site Id: BSB43
Project Number: 1945.1018	
Logged By: B. Diemer	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	X Coordinate: 516691.21
	Y Coordinate: 634989.78
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples. NAB: Not Above Background.	Elevation: 72.28'
	Date Started: 08/18/00
	Date Completed: 08/18/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0–.13 ASPHALT. .13–.42 SUBBASE. .42–1.25 Dk brown vf–f SAND; some silt; little subrounded to angular f–m gravel; trace clay.		
1	CDE–BSB43–00	8/18/00	1125	1.25–1.75 M brown clayey SILT; little f sand; trace f gravel.	NAB NAB	Sample from 0.42–1.25 ft.
2	CDE–BSB43–12	8/18/00	1200	1.75–2.33 Red–brown clayey SILT; trace f sand and angular to subangular f–m gravel. End of boring at 2.33 feet.	NAB NAB	Sample from 1.25–2.33 ft.
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Project Name: Cornell-Dubilier	Site Id: BSB44
Project Number: 1945.1018	
Logged By: A. Rai	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516726.26
Drilling Method: S.S. Hand Auger	Y Coordinate: 634998.27
Remarks: Hand auger used to collect soil samples. NM: Not Measured due to equipment malfunction. NAB: Not Above Background.	Elevation: 68.51'
	Date Started: 08/21/00
	Date Completed: 08/21/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
	CDE-BSB44-00	8/21/00	0900	0-.5 Gravel SUBBASE. .5-.83 Red-brown SILT; some f sand and angular to subangular f-m gravel. Refusal at 0.83 feet.	NAB NM	Sample from 0.5-0.83 ft.
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Project Name: Cornell–Dubilier	Site Id: BSB45
Project Number: 1945.1018	
Logged By: M. Greenberg	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	X Coordinate: 516423.86
	Y Coordinate: 635052.93
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples.	Elevation: 73.03'
	Date Started: 08/16/00
	Date Completed: 08/16/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0–.33 ASPHALT. .33–.96 CONCRETE.		
1	CDE–BSB45–00	8/16/00	1016	.96–1.08 Red–brown angular f–m red siltstone GRAVEL and clayey silt; satd. Refusal at 1.08 feet at bedrock surface.	0.0 ppm 0.1 ppm	Sample from 0.96–1.08 ft.
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Project Name: Cornell–Dubilier	Site Id: BSB46
Project Number: 1945.1018	
Logged By: M. Greenberg	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	X Coordinate: 516428.98
	Y Coordinate: 635027.06
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples.	Elevation: 72.82'
	Date Started: 08/29/00
	Date Completed: 08/29/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0–.63 CONCRETE.		
1	CDE–BSB46–00	8/29/00	1140	.63–.83 Red–brown SILT; little angular f–m siltstone gravel; trace gray clay and angular f claystone gravel. Refusal at 0.83 feet at bedrock surface.	0.0 ppm 0.0 ppm	Sample from 0.63–0.83 ft.
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Project Name: Cornell–Dubilier	Site Id: BSB47
Project Number: 1945.1018	
Logged By: M. Greenberg	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	X Coordinate: 516553.27
	Y Coordinate: 635003.60
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples. NAB: Not Above Background.	Elevation: 73.12'
	Date Started: 08/29/00
	Date Completed: 08/29/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
1	CDE–BSB47–00	8/29/00	1025	0–.67 CONCRETE. .67–1.58 Orange–m brown SILT; little subangular–angular f–c siltstone gravel; moist. Refusal at 1.58 feet.	0.0 ppm NAB	Sample from 0.67–1.58 ft.
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Project Name: Cornell–Dubilier	Site Id: BSB48
Project Number: 1945.1018	
Logged By: M. Greenberg	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516561.83
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	Y Coordinate: 634932.22
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples. NM: Not Measured.	Elevation: 73.26'
	Date Started: 08/29/00
	Date Completed: 08/29/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0–.75 CONCRETE.		
1	CDE–BSB48–00	8/29/00	0855	.75–1.75 Lt brown SILT; little angular f–m siltstone gravel; moist.	0.0 ppm NM	Sample from 0.75–1.75 ft.
2	CDE–BSB48–12	8/29/00	0917	1.75–2.58 Red–brown SILT; little subangular to angular vf–m gravel; dry to moist.	0.0 ppm NM	Sample from 1.75–2.58 ft.
				Refusal at 2.58 feet.		
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Project Name: Cornell-Dubilier	Site Id: BSB52	
Project Number: 1945.1018		
Logged By: M. Greenberg	Location: South Plainfield, NJ	
Contractor: Tabasco Drilling		
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	X Coordinate: 516433.67	
	Y Coordinate: 634907.94	
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples. NM: Not Measured due to equipment malfunction.	Elevation: 77.34'	
	Date Started: 08/25/00	
	Date Completed: 08/25/00	

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0-.5 CONCRETE.		
1	CDE-BSB52-00	8/25/00	1055	.5-1.5 Red-brown SILT; little subangular to angular f-m gravel; trace f sand and gray angular f gravel.	0.0 ppm NM	Sample from 0.5-1.5 ft.
2	CDE-BSB52-12	8/25/00	1132	1.5-2.58 M brown SILT; little clay; trace sub-angular f-c gravel; moist to wet.	0.0 ppm NM	Sample from 1.5-2.58 ft.
				End of boring at 2.58 feet.		
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301110

Project Name: Cornell-Dubilier	Site Id: BSB53
Project Number: 1945.1018	
Logged By: A. Rai	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516446.95
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	Y Coordinate: 634877.07
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples.	Elevation: 78.25'
	Date Started: 08/23/00
	Date Completed: 08/23/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0-.58 ASPHALT.		
1	CDE-BSB53-00	8/23/00	0906	.58-.75 SUBBASE. .75-1.0 FILL (Gray m-c sand; some subangular to subrounded f-m gravel). 1.0-1.16 Red-brown sandy SILT; trace subangular to subrounded f-m gravel. Refusal at 1.16 feet.	0.0 ppm 1.0 ppm	Sample from 0.75-1.16 ft.
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Project Name: Cornell–Dubilier	Site Id: BSB54
Project Number: 1945.1018	
Logged By: M. Greenberg	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516420.06
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	Y Coordinate: 634873.54
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples. NM: Not Measured due to equipment malfunction.	Elevation: 77.78'
	Date Started: 08/25/00
	Date Completed: 08/25/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0–.42 CONCRETE. .42–.92 SUBBASE (Gravel and sand).		
1	CDE–BSB54–00	8/25/00	1326	.92–1.46 Red–brown SILT; little clay; trace subangular f–c red siltstone gravel; wet. Refusal at 1.46 feet at bedrock surface.	0.0 ppm NM	Sample from 0.92–1.46 ft.
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301112

Project Name: Cornell–Dubilier	Site Id: BSB55
Project Number: 1945.1018	
Logged By: B. Diemer	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516539.05
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	Y Coordinate: 634709.66
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples. NAB: Not Above Background.	Elevation: 74.95'
	Date Started: 08/18/00
	Date Completed: 08/18/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
1	CDE–BSB55–00	8/18/00	0912	0–.17 ASPHALT. .17–.5 FILL. .5–1.08 Dk brown SILT; some f sand; little subangular to angular f–c gravel; trace clay. Refusal at 1.08 feet.	NAB NAB	Sample from 0.5–1.08 ft.
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Project Name: Cornell-Dubilier	Site Id: BSB56
Project Number: 1945.1018	
Logged By: M. Greenberg	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516498.25
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	Y Coordinate: 634707.91
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples. NAB: Not Above Background.	Elevation: 64.96'
	Date Started: 08/17/00
	Date Completed: 08/17/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0-.42 CONCRETE.		
1	CDE-BSB56-00	8/17/00	0945	.42-1.42 Black SILT and f sand; trace to little c sand; trace angular f gravel and micaceous debris; moist (fill material).	0.0 ppm 0.0 ppm	Sample from 0.42-1.42 ft.
2	CDE-BSB56-12	8/17/00	0959	1.42-1.75 Black f SAND; some silt; trace m-c sand and subrounded and angular f-c gravel (metal-like debris and other debris); moist. Refusal at 1.75 feet.	NAB NAB	Sample from 1.42-1.75 ft.
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301114

Project Name: Cornell–Dubilier	Site Id: BSB57
Project Number: 1945.1018	
Logged By: B. Diemer	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	X Coordinate: 516520.58
	Y Coordinate: 634669.27
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples. NM: Not Measured.	Elevation: 75.30'
	Date Started: 08/18/00
	Date Completed: 08/18/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
1	CDE–BSB57–00	8/18/00	0830	0–.25 ASPHALT. .25–.5 SUBBASE. .5–1.42 Dk brown vf SAND; some silt; little subrounded to angular f–c gravel; moist. Refusal at 1.42 feet.	NM NM	Sample from 0.5–1.42 ft. Liquid filling bottom of boring.
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Project Name: Cornell-Dubilier	Site Id: BSB58
Project Number: 1945.1018	
Logged By: M. Greenberg	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516433.35
Drilling Method: S.S. Hand Auger	Y Coordinate: 634721.90
Remarks: Hand auger used to collect soil samples.	Elevation: 75.54'
	Date Started: 08/11/00
	Date Completed: 08/11/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
	CDE-BSB58-00	8/11/00	1340	0-0.33 Dk brown clayey SILT; little organics; satd.	0.0 ppm	Sample from 0-1.0 ft.
1				0.33-1.0 Red-brown SILT; some clay; trace to little subrounded to subangular f-c red siltstone gravel; semi-dense; wet to satd.	0.0 ppm	
	CDE-BSB58-12	8/11/00	1405	1.0-2.0 M brown SILT; little clay; trace angular vf gravel; satd.	0.0 ppm 18.9 ppm	Sample from 1.0-2.0 ft. Slight sheen on water infiltrating boring.
2				End of boring at 2.0 feet.		
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Project Name: Cornell–Dubilier	Site Id: BSB59
Project Number: 1945.1018	
Logged By: M. Greenberg	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516472.80
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	Y Coordinate: 634664.47
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples. NM: Not Measured due to equipment malfunction.	Elevation: 77.36'
	Date Started: 08/25/00
	Date Completed: 08/25/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
1	CDE–BSB59–00	8/25/00	1410	0–.42 CONCRETE. .42–.5 Black SUBBASE (Gravel and sand). .5–.63 Dk brown SILT; trace subangular to subrounded gravel; moist. Refusal at 0.63 feet at bedrock or concrete.	0.0 ppm NM	Sample from 0.5–0.63 ft.
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Project Name: Cornell-Dubilier	Site Id: BSB60
Project Number: 1945.1018	
Logged By: M. Greenberg	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	X Coordinate: 516488.49
	Y Coordinate: 634642.75
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples.	Elevation: 75.77'
	Date Started: 08/17/00
	Date Completed: 08/17/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0-.33 ASPHALT. .33-.83 Sand and gravel SUBBASE.		
1	CDE-BSB60-00	8/17/00	1450	.83-1.5 Dk brown SILT; some f sand and angular f-m gravel; trace clay; satd. Refusal at 1.5 feet.	0.0 ppm 16.0 ppm	Sample from 0.83-1.5 ft.
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Project Name: Cornell-Dubilier	Site Id: BSB61
Project Number: 1945.1018	
Logged By: M. Greenberg	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516438.59
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	Y Coordinate: 634643.04
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples.	Elevation: 76.11'
	Date Started: 08/17/00
	Date Completed: 08/17/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0-.25 ASPHALT. .25-.83 SUBBASE.		
1	CDE-BSB61-00	8/17/00	1100	.83-1.58 Red-brown SILT; trace subangular m gravel. 1.58-1.83 Black silty CLAY; dry; becomes satd at 1.75'.	0.0 ppm 0.5 ppm	Sample from 0.83-1.83 ft.
2	CDE-BSB61-12	8/17/00	1123	1.83-1.92 Black silty CLAY; satd. Refusal at 1.92 feet on hollow-sounding obstruction.	0.0 ppm 0.0 ppm	Sample from 1.83-1.92 ft.
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301119

Project Name: Cornell-Dubilier	Site Id: BSB62
Project Number: 1945.1018	
Logged By: M. Greenberg	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	X Coordinate: 516775.62
	Y Coordinate: 634941.62
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples.	Elevation: 71.24'
	Date Started: 08/28/00
	Date Completed: 08/28/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0-1.0 CONCRETE.		
1	CDE-BSB62-00	8/28/00	1345	1.0-1.79 M brown SILT; some vf-c gravel; moist.	0.0 ppm 0.0 ppm	Sample from 1.0-1.79 ft.
2				Refusal at 1.79 feet at bedrock surface.		
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301120

Project Name: Cornell-Dubilier	Site Id: BSB63
Project Number: 1945.1018	
Logged By: M. Greenberg	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516806.14
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	Y Coordinate: 634933.89
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples. NM: Not Measured.	Elevation: 71.18'
	Date Started: 08/28/00
	Date Completed: 08/28/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0-.88 CONCRETE.		
1	CDE-BSB63-00	8/28/00	1427	.88-1.75 Red-brown SILT; little subangular f-m red siltstone gravel; dry to moist.	NM NM	Sample from 0.88-1.75 ft.
2				Refusal at 1.75 feet.		
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Project Name: Cornell–Dubilier	Site Id: BSB66
Project Number: 1945.1018	
Logged By: B. Diemer	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	X Coordinate: 516748.52
	Y Coordinate: 634895.74
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples. NM: Not Measured due to equipment malfunction.	Elevation: 66.71'
	Date Started: 09/05/00
	Date Completed: 09/05/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
1	CDE–BSB66–00	9/5/00	0841	0–.46 CONCRETE. .46–.66 Red–brown SILT; some subangular f–c gravel; little m sand. Refusal at 0.66 feet at bedrock surface.	0.0 ppm NM	Sample from 0.46–0.75 ft.
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Project Name: Cornell–Dubilier	Site Id: BSB67
Project Number: 1945.1018	
Logged By: B. Diemer	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516672.41
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	Y Coordinate: 634907.25
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples. NAB: Not Above Background.	Elevation: 72.36'
	Date Started: 09/08/00
	Date Completed: 09/08/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
1	CDE–BSB67–00	9/8/00	1000	0–.33 ASPHALT. .33–.66 Dk brown SILT and f sand; some subangular to angular f–m gravel; trace brick. Refusal at 0.66 feet at bedrock surface.	0.0 ppm NAB	Sample from 0.33–0.66 ft.
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Project Name: Cornell–Dubilier	Site Id: BSB68
Project Number: 1945.1018	
Logged By: B. Diemer	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516717.41
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	Y Coordinate: 634940.98
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples. NAB: Not Above Background.	Elevation: 71.58'
	Date Started: 09/08/00
	Date Completed: 09/08/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0–.5 CONCRETE.		
1	CDE–BSB68–00	9/8/00	1230	.5–1.58 Red–brown SILT; little f cohesive sand; trace subangular gravel.	NAB NAB	Sample from 0.5–1.58 ft.
2	CDE–BSB68–12	9/8/00	1230	1.58–2.42 Red–brown SILT and vf sand; little clay and angular f–m gravel.	NAB NAB	Sample from 1.58–2.42 ft.
				End of boring at 2.42 feet.		
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Project Name: Cornell–Dubilier	Site Id: BSB69
Project Number: 1945.1018	
Logged By: B. Diemer	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516695.38
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	Y Coordinate: 634861.43
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples. NAB: Not Above Background.	Elevation: 76.58'
	Date Started: 08/18/00
	Date Completed: 08/18/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
1	CDE–BSB69–00	8/18/00	1025	0–.33 ASPHALT. .33–.58 SUBBASE. .58–1.16 Dk brown vf–f SAND; some silt; little subangular f–c gravel; trace clay; moist. Refusal at 1.16 feet.	NAB NAB	Sample from 0.58–1.16 ft.
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Project Name: Cornell–Dubilier	Site Id: BSB71
Project Number: 1945.1018	
Logged By: M. Greenberg	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	X Coordinate: 516780.10
	Y Coordinate: 634766.10
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples. NAB: Not Above Background.	Elevation: 72.20'
	Date Started: 08/28/00
	Date Completed: 08/28/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0–.66 CONCRETE.		
1	CDE–BSB71–00	8/28/00	1058	.66–1.67 Red–brown SILT; little black discoloration and subangular to angular vf–m gravel; moist.	0.0 ppm NAB	Sample from 0.66–1.66 ft.
2	CDE–BSB71–12	8/28/00	1120	1.67–2.66 Brown SILT; trace subrounded vf gravel; moist.	0.0 ppm NAB	Sample from 1.66–2.66 ft.
				End of boring at 2.66 feet.		
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Project Name: Cornell–Dubilier	Site Id: BSB72
Project Number: 1945.1018	
Logged By: B. Diemer	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516811.34
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	Y Coordinate: 634724.19
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples. NAB: Not Above Background.	Elevation: 72.17'
	Date Started: 08/18/00
	Date Completed: 08/18/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
1	CDE–BSB72–00	8/18/00	1055	0–.38 ASPHALT. .38–.58 SUBBASE. .58–1.0 Dk brown vf SAND; some silt; trace f–m angular gravel; dry. Refusal at 1.0 feet.	NAB NAB	Sample from 0.58–1.0 ft.
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Project Name: Cornell-Dubilier	Site Id: BSB73
Project Number:	
Logged By: B. Diemer	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516146.77
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	Y Coordinate: 634820.41
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples. NAB: Not Above Background.	Elevation: 81.86'
	Date Started: 08/30/00
	Date Completed: 08/30/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0-.42 CONCRETE. .42-.58 Black silty FILL; some angular f gravel.		
1	CDE-BSB73-00	8/30/00	1418	.58-1.42 Red-brown SILT; little angular f gravel; trace vf sand.	NAB NAB	Sample from 0.42-1.42 ft.
2	CDE-BSB73-12	8/30/00	1442	1.42-2.42 Red-brown SILT; trace f sand and subangular f gravel.	NAB NAB	Sample from 1.42-2.42 ft.
				End of boring at 2.42 feet.		
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Project Name: Cornell–Dubilier	Site Id: BSB74
Project Number: 1945.1018	
Logged By: A. Rai	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516221.15
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	Y Coordinate: 634841.58
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples. NAB: Not Above Background.	Elevation: 81.86'
	Date Started: 09/07/00
	Date Completed: 09/07/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0–.25 CONCRETE. .25–1.25 Red–brown SILT; little vf sand and subangular f–c gravel.		
1	CDE–BSB74–00	9/7/00	1135		NAB NAB	Sample from 0.25–1.25 ft.
	CDE–BSB74–12	9/7/00	1210	1.25–2.29 Red–brown SILT and subangular f–m gravel.	NAB NAB	Sample from 1.25–2.29 ft.
2				End of boring at 2.29 feet.		
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Project Name: Cornell-Dubilier	Site Id: BSB76
Project Number: 1945.1018	
Logged By: A. Rai	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516339.33
Drilling Method: S.S. Hand Auger	Y Coordinate: 634717.95
Remarks: Hand auger used to collect soil samples. NAB: Not Above Background.	Elevation: 75.64'
	Date Started: 09/07/00
	Date Completed: 09/07/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
				0-.5 Gravel SUBBASE.		
1	CDE-BSB76-00	9/7/00	1042	.5-.92 Dk brown subangular to angular GRAVEL and c sand; trace silt. Refusal at 0.92 feet.	0.0 ppm NAB	Sample from 0.5-0.92 ft. Trace petroleum-like odor present.
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

301130

Project Name: Cornell–Dubilier	Site Id: BSB77
Project Number: 1945.1018	
Logged By: A. Rai	Location: South Plainfield, NJ
Contractor: Tabasco Drilling	X Coordinate: 516374.42
Drilling Method: 8 in. Concrete Corer, S.S. Hand Auger	Y Coordinate: 634669.14
Remarks: Concrete corer used to remove asphalt and/or concrete. Hand auger used to collect soil samples. NAB: Not Above Background.	Elevation: 76.06'
	Date Started: 09/07/00
	Date Completed: 09/07/00

Depth (ft)	Sample No.	Date	Time	Material Description	PID/FID (ppm)	Notes
1	CDE–BSB77–00	9/7/00	0942	0–.33 ASPHALT. .33–.66 SUBBASE. .66–.83 Dk brown SILT; little f sand and subrounded to angular f–m gravel. Refusal at 0.83 feet.	NAB NAB	Sample from 0.66–0.83 ft.
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

APPENDIX F

301131

APPENDIX F

ROUTINE WETLAND DELINEATION DATA FORMS

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project Site: CORNELL - Dubilier Applicant/Owner: EPA Investigator: R. DELARIOTT, C. Snyder	Date: 6/20/00 County: middlesex State: NJ
Do Normal Circumstances exist on the site? (Yes) No Is the site significantly disturbed (Atypical Situation)? Yes (No) Is the area a potential Problem Area? Yes (No) (If needed, explain on reverse.)	Community ID: Transect ID: WETLAND 1 Plot ID: SS1

VEGETATION

Plant Community Classification: PEM
Percent Canopy Cover: Tree: Ø Shrub: Ø Herb: 100 Vine: Ø

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Pilea pumila	H	FACW	9.		
2. Impatiens capensis	H	FACW	10.		
3. Polygonum hydropiper	H	OBL	11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8			16.		

Percent of dominant Species that are OBL, FACW, or FAC (excluding FAC-): 100%

Remarks: MUD FLAT on the EDGE of Bound Brook
Alluvial Soils

HYDROLOGY

___ Recorded Data (Describe in Remarks):
___ Stream, Lake, or Tide Gauge
___ Aerial Photographs
___ Other
___ No Recorded Data Available

Field Observations:

Depth of Surface Water (in.): N/A

Depth to Free Standing Water in Pit (in.): 10"

Depth to Saturated Soil (in.): 0"

Wetland Hydrology Indicators:
Primary Indicators:
___ Inundated
X Saturated
X Water Marks
X Drift lines
___ Sediment Deposits
___ Drainage Patterns In Wetlands
Secondary Indicators (2 or more required):
___ Oxidized Root Channels in Upper 12 inches
___ Water-Stained Leaves
___ Local Soil survey Data
___ FAC-Neutral Test
___ Other (Explain in Remarks)

Remarks:

301133

Sample ID: SS 1 Wetland 1

SOILS

Map Unit Name (Series and Phase): Rowland silt loam (Ro)

Drainage Class: ~~MODERATE OR~~ MODERATELY SLOW WELL DRAIN- OR SOMEWHAT POORLY DRAIN

Taxonomy (SubGroup): Fine, loamy, mixed, mesic FLUVAQUENTIC DYSTROCHREPTS

Field Observations Confirm Mapped Type? Yes No

Profile Description:

Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottles Abundance/ Size/Contrast	Texture, Concretions, Structure, etc.
0-24	A	10YR 3/3	None	—	alluvial ~~loam~~ silt

Hydro Soil Indicators

___ Histosol
___ Histic Epipedon
___ Sulfidic Odor
___ Aquic Moisture Regime
___ Reducing Conditions
___ Gleyed or Low-Chroma Colors
___ Concretions
___ High Organic Content, Surface Layer in Sandy Soils
___ Organic Streaking in Sandy Soils
___ Listed on Local Hydric Soils List
___ Listed on National Hydric Soils List
___ Other (Explain in Remarks)

Remarks: 10 inches to water saturated soil

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes No
Wetlands Hydrology Present? Yes No
Hydric Soils Present? Yes No

Is this Sample Station Point Within a Wetland? Yes No

Remarks

301134

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project Site: Cornell - Dubilier Applicant/Owner: EPA Investigator: R. Dekhuntly / C. Snyder	Date: 6/20/00 County: middlesex State: NJ
Do Normal Circumstances exist on the site? Yes No Is the site significantly disturbed (Atypical Situation)? Yes No Is the area a potential Problem Area? Yes No (If needed, explain on reverse.)	Community ID: Transect ID: upland of wetland 1 Plot ID: SS2

VEGETATION OPEN

Plant Community Classification:
Percent Canopy Cover: Tree: Ø Shrub: Ø Herb: 100% Vine: Ø

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
~~1. Alliaria officinalis~~	~~H~~	~~FACU-~~	9.		
2. Eupatorium rugosum	H	—	10.		
3. Vitis sp.	H	—	11.		
4. Phalaris sp.	H	—	12.		
5. Alliaria petiolata	H	FACU-	13.		
6. Alliaria			14.		
7.			15.		
8			16.		

Percent of dominant Species that are OBL, FACW, or FAC (excluding FAC-): 0

Remarks:

HYDROLOGY

___ Recorded Data (Describe in Remarks):
- ___ Stream, Lake, or Tide Gauge
- ___ Aerial Photographs
- ___ Other

___ No Recorded Data Available

Field Observations:

Depth of Surface Water (in.): n/A

Depth to Free Standing Water in Pit (in.): >19"

Depth to Saturated Soil (in.): >19"

Wetland Hydrology Indicators:

Primary Indicators:
- ___ Inundated
- ___ Saturated
- ___ Water Marks
- ___ Drift lines
- ___ Sediment Deposits
- ___ Drainage Patterns In Wetlands

Secondary Indicators (2 or more required):
- ___ Oxidized Root Channels in Upper 12 inches
- ___ Water-Stained Leaves
- ___ Local Soil survey Data
- ___ FAC-Neutral Test
- ___ Other (Explain in Remarks)

Remarks:

301135

Sample ID: SS2 Upland of wetland

SOILS

Map Unit Name (Series and Phase): Rowland Silt loam (Ro)

Drainage Class: MODERATELY WELL DRAINED or somewhat Poorly drained

Taxonomy (SubGroup): Fine, loamy, mixed, mesic FLUVAQUENTIC DYSTROCHREPTS.

Field Observations Confirm Mapped Type? (Yes) No

Profile Description:

Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottles Abundance/ Size/Contrast	Texture, Concretions, Structure, etc.
0 - 8	A	10YR 3/2	10YR 3/2	distinct, common, medium	Silt loam
8 - 20	B	10YR 3/3	None		(moist Silt loam

Hydro Soil Indicators

___ Histosol
___ Histic Epipedon
___ Sulfidic Odor
___ Aquic Moisture Regime
___ Reducing Conditions
___ Gleyed or Low-Chroma Colors
___ Concretions
___ High Organic Content, Surface Layer in Sandy Soils
___ Organic Streaking in Sandy Soils
___ Listed on Local Hydric Soils List
___ Listed on National Hydric Soils List
___ Other (Explain in Remarks)

Remarks: Moist @ 19"

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes (No)
Wetlands Hydrology Present? Yes (No)
Hydric Soils Present? (Yes) No

Is this Sample Station Point Within a Wetland? Yes (No)

Remarks

301136

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project Site: Cornell-Dubilier Applicant/Owner: EPA Investigator: R. Delahunty, C. Snyder	Date: 6/20/00 County: Middlesex State: NJ
Do Normal Circumstances exist on the site? (Yes) No Is the site significantly disturbed (Atypical Situation)? Yes (No) Is the area a potential Problem Area? Yes (No) (If needed, explain on reverse.)	Community ID: Transect ID: Wetland 2 Plot ID: SS3

VEGETATION PEM

Plant Community Classification:
Percent Canopy Cover: Tree: Shrub: 10 Herb: 100 Vine:

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Polygonum hydropiper	H	OBL	9.		
2. Peltandra virginica	H	OBL	10.		
3. Symplocarpus foetidus	H	OBL	11.		
4. Phragmites australis	H	FACW	12.		
~~5. Pilicum clandestinum~~	~~H~~		13.		
6. Alnus rugosa	S	FACW+	14.		
7. Dichanthelium clandestinum	H	FAC+	15.		
8			16.		

Percent of dominant Species that are OBL, FACW, or FAC (excluding FAC-): 100%

Remarks:

HYDROLOGY

___ Recorded Data (Describe in Remarks): ___ Stream, Lake, or Tide Gauge ___ Aerial Photographs ___ Other ___ No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: ___ Inundated X Saturated ___ Water Marks ___ Drift lines ___ Sediment Deposits X Drainage Patterns In Wetlands Secondary Indicators (2 or more required): X Oxidized Root Channels in Upper 12 inches ___ Water-Stained Leaves ___ Local Soil survey Data ___ FAC-Neutral Test ___ Other (Explain in Remarks)
Field Observations: Depth of Surface Water (in.): n/A Depth to Free Standing Water in Pit (in.): 6" Depth to Saturated Soil (in.): 0"	

Remarks:

301137

Sample ID: SS 3 Wetland 2

SOILS

Map Unit Name (Series and Phase): Rowland silt loam (Ro)

Drainage Class: moderately well drained or somewhat poorly drained

Taxonomy (SubGroup): Fine-loamy, mixed, mesic Fluvaquentic Dystrochrepts

Field Observations Confirm Mapped Type? Yes (No)

Profile Description:

Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottles Abundance/ Size/Contrast	Texture, Concretions, Structure, etc.
0-6	A	10YR 3/2	none		Silt loam
6-14	A	10YR 3/2	10YR 3/1	Prominent, many	medium silty clay
14-20	B	10YR 4/1	—		clay

Hydro Soil Indicators

- ___ Histosol
- ___ Histic Epipedon
- ___ Sulfidic Odor
- ___ Aquic Moisture Regime
- X Reducing Conditions
- X Gleyed or Low-Chroma Colors
- ___ Concretions
- ___ High Organic Content, Surface Layer in Sandy Soils
- ___ Organic Streaking in Sandy Soils
- ___ Listed on Local Hydric Soils List
- ___ Listed on National Hydric Soils List
- ___ Other (Explain in Remarks)

Remarks: Oxidised Root channels 0-8"

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	Yes	No	Is this Sample Station Point Within a Wetland? Yes No
Wetlands Hydrology Present?	Yes	No	
Hydric Soils Present?	Yes	No	

Remarks

301138

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project Site: Cornell - Dubilier Applicant/Owner: EPA Investigator: R. DEAHUTT, C. Snyder	Date: 6/20/00 County: Middlesex State: NJ
Do Normal Circumstances exist on the site? Yes ~~No~~ Is the site significantly disturbed (Atypical Situation)? Yes ~~No~~ Is the area a potential Problem Area? Yes ~~No~~ (If needed, explain on reverse.)	Community ID: Transect ID: Plot ID: PLAN of Wetland 2 SS4

VEGETATION FOREST

Plant Community Classification:
Percent Canopy Cover: Tree: 100 Shrub: 30 Herb: 80 Vine: Ø

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
50	1. Sassafras albidum	T	FACU-	9. Unknown grass	H		50
	2. Acer rubrum	T	FAC	10. Sassafras albidum	S	FACU-	
50	3. Quercus velutina	T	—	11.			
	4. Prunus serotina	T	FACU	12.			
	5. Acer rubrum	S	FAC	13.			
10	6. Polygonatum commutatum	H	FACU	14.			
10	7. Sassafras albidum	H	FACU-	15.			
10	8. Acer rubrum	H	FAC	16.			

Percent of dominant Species that are OBL, FACW, or FAC (excluding FAC-): Ø

Remarks:

HYDROLOGY

___ Recorded Data (Describe in Remarks): ___ Stream, Lake, or Tide Gauge ___ Aerial Photographs ___ Other ___ No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: ___ Inundated ___ Saturated ___ Water Marks ___ Drift lines ___ Sediment Deposits ___ Drainage Patterns In Wetlands Secondary Indicators (2 or more required): ___ Oxidized Root Channels in Upper 12 inches ___ Water-Stained Leaves ___ Local Soil survey Data ___ FAC-Neutral Test ___ Other (Explain in Remarks)
Field Observations: Depth of Surface Water (in.): N/A Depth to Free Standing Water in Pit (in.): N/A Depth to Saturated Soil (in.): N/A	

Remarks:

301139

Sample ID: SS4 -upland of wetland?

SOILS

Map Unit Name (Series and Phase): Rowland silt loam (Ro)

Drainage Class: Moderately well drained or somewhat poorly drain.

Taxonomy (SubGroup): Fine-loamy, mixed, mesic Fluvaquentic Dystrochrepts

Field Observations Confirm Mapped Type? Yes No

Profile Description:

Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottles Abundance/ Size/Contrast	Texture, Concretions, Structure, etc.
0-2	O	10YR 2/1	—	—	Om
2-18"	A	7.5YR 4/4	—	—	Silt loam

Hydro Soil Indicators

___ Histosol
___ Histic Epipedon
___ Sulfidic Odor
___ Aquic Moisture Regime
___ Reducing Conditions
___ Gleyed or Low-Chroma Colors
___ Concretions
___ High Organic Content, Surface Layer in Sandy Soils
___ Organic Streaking in Sandy Soils
___ Listed on Local Hydric Soils List
___ Listed on National Hydric Soils List
___ Other (Explain in Remarks)

Remarks: Refusal of Auger at 18"

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes No
Wetlands Hydrology Present? Yes No
Hydric Soils Present? Yes No

Is this Sample Station Point Within a Wetland? Yes No

Remarks

301140

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project Site: Cornell - Dubilier Applicant/Owner: EPA Investigator: R. Deamuntz, C. Synder	Date: 6/20/00 County: Middlesex State: NJ
Do Normal Circumstances exist on the site? Yes ~~No~~ Is the site significantly disturbed (Atypical Situation)? Yes ~~No~~ Is the area a potential Problem Area? Yes ~~No~~ (If needed, explain on reverse.)	Community ID: Transect ID: WETLAND 3 Plot ID: SS5

VEGETATION PEM / PSS

Plant Community Classification:
Percent Canopy Cover: Tree: Ø Shrub: 20 Herb: 100 Vine: Ø

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Acorus calamus	H	OBL	9. Nuphar ~~variegatum~~ luteum	H	OBL
2. Polygonum sagittatum	H	OBL	10.		
3. Pilea pumila	H	FACW	11.		
4. Polygonum hydropiper	H	OBL	12.		
5. Impatiens capensis	H	FACW	13.		
6. Cornus amomum	S	FACW	14.		
7. Eupatorium perfoliatum	H	FACW+	15.		
8 Peltandra virginica	H	OBL	16.		

Percent of dominant Species that are OBL, FACW, or FAC (excluding FAC-): 100%

Remarks:

HYDROLOGY

___ Recorded Data (Describe in Remarks):
___ Stream, Lake, or Tide Gauge
___ Aerial Photographs
___ Other
___ No Recorded Data Available

Field Observations:

Depth of Surface Water (in.): n/A

Depth to Free Standing Water in Pit (in.): 8"

Depth to Saturated Soil (in.): 0"

Wetland Hydrology Indicators:
Primary Indicators:
___ Inundated
X Saturated
___ Water Marks
___ Drift lines
___ Sediment Deposits
X Drainage Patterns In Wetlands
Secondary Indicators (2 or more required):
___ Oxidized Root Channels in Upper 12 inches
___ Water-Stained Leaves
___ Local Soil survey Data
___ FAC-Neutral Test
___ Other (Explain in Remarks)

Remarks:

301141

Sample ID: SS5 wetland 3

SOILS

Map Unit Name (Series and Phase): Rawland silt loam (Ro)

Drainage Class: moderately well drained or somewhat poorly drained

Taxonomy (SubGroup): Fine-loamy, mixed, mesic Fluvaquentic Dystrochrepts

Field Observations Confirm Mapped Type? (Yes) No

Profile Description:

Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottles Abundance/ Size/Contrast	Texture, Concretions, Structure, etc.
0 - 10	A	10YR 3/1	—	—	~~[illegible]~~ Alluvial silt
10 - 18	B	10YR 4/2	10YR 3/1	D/C/m	Alluvial silt

Hydro Soil Indicators

___ Histosol
___ Histic Epipedon
___ Sulfidic Odor
___ Aquic Moisture Regime
___ Reducing Conditions
___ Gleyed or Low-Chroma Colors
___ Concretions
___ High Organic Content, Surface Layer in Sandy Soils
___ Organic Streaking in Sandy Soils
___ Listed on Local Hydric Soils List
___ Listed on National Hydric Soils List
___ Other (Explain in Remarks)

Remarks:

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	(Yes)	No	
Wetlands Hydrology Present?	(Yes)	No	
Hydric Soils Present?	(Yes)	No	Is this Sample Station Point Within a Wetland? (Yes) No

Remarks

301142

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project Site: Cornell-Dubilier Applicant/Owner: EPA Investigator: R. Delahunty, C. Snyder	Date: 6/20/00 County: Middlesex State: NJ
Do Normal Circumstances exist on the site? Yes (No) Is the site significantly disturbed (Atypical Situation)? (Yes) No Is the area a potential Problem Area? Yes (No) (If needed, explain on reverse.)	Community ID: Transect ID: Upland & wetland Plot ID: SS-6 3

VEGETATION (Red Maple - forested)

Plant Community Classification:
Percent Canopy Cover: Tree: 100 Shrub: 20 Herb: 50 Vine: 40

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Quercus rubra	T	FACU	9. Alliaria petiolata	H	FACU-
2. Lonicera japonica	V	FAC-	10. Toxicodendron radicans	V	FAC
3. Ailanthus altissima	S	NI	11.		
4. Toxicodendron radicans	H	FAC	12.		
5. Lonicera japonica	H	FAC-	13.		
6. Acer saccharum	T	FACU-	14.		
7. Vitis sp.	V	—	15.		
8. Rosa multiflora	S	FACU	16.		

Percent of dominant Species that are OBL, FACW, or FAC (excluding FAC-): Ø

Remarks:

HYDROLOGY

___ Recorded Data (Describe in Remarks): ___ Stream, Lake, or Tide Gauge ___ Aerial Photographs ___ Other ___ No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: ___ Inundated ___ Saturated ___ Water Marks ___ Drift lines ___ Sediment Deposits ___ Drainage Patterns In Wetlands Secondary Indicators (2 or more required): ___ Oxidized Root Channels in Upper 12 inches ___ Water-Stained Leaves ___ Local Soil survey Data ___ FAC-Neutral Test ___ Other (Explain in Remarks)
Field Observations: Depth of Surface Water (in.): n/A Depth to Free Standing Water in Pit (in.): n/A Depth to Saturated Soil (in.): n/A	

Remarks:

301143

Sample ID: SS-6 upland

SOILS

Map Unit Name (Series and Phase): Rowland silt loam

Drainage Class: Moderately well drained or somewhat poorly drained

Taxonomy (SubGroup): Fine-loamy, mixed, mesic Fluvaquentic Dystrochrept.

Field Observations Confirm Mapped Type? Yes (No)

Profile Description:

Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottles Abundance/ Size/Contrast	Texture, Concretions, Structure, etc.
0-6"	A	10YR 2/1	—	—	Organic mat & Fill

Hydro Soil Indicators

___ Histosol
___ Histic Epipedon
___ Sulfidic Odor
___ Aquic Moisture Regime
___ Reducing Conditions
___ Gleyed or Low-Chroma Colors
___ Concretions
___ High Organic Content, Surface Layer in Sandy Soils
___ Organic Streaking in Sandy Soils
___ Listed on Local Hydric Soils List
___ Listed on National Hydric Soils List
___ Other (Explain in Remarks)

Remarks:
* Rail Road Bed Fill
* Reversal of Aquifer at 6"
~ 6" of Om over fill material

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes (No)
Wetlands Hydrology Present? Yes (No)
Hydric Soils Present? Yes (No)

Is this Sample Station Point Within a Wetland? Yes (No)

Remarks

301144

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project Site: Cornell-Dubilier Applicant/Owner: EPA Investigator: R. Delahunty, C. Snyder	Date: 6/20/00 County: Middlesex State: NJ
Do Normal Circumstances exist on the site? (Yes) No Is the site significantly disturbed (Atypical Situation)? Yes (No) Is the area a potential Problem Area? Yes (No) (If needed, explain on reverse.)	Community ID: Transect ID: SS-7 Plot ID: WETLAND 4

VEGETATION PEM

Plant Community Classification:
Percent Canopy Cover: Tree: 10 Shrub: Ø Herb: 100 Vine: Ø

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Phragmites australis	H	FACW	9.		
2. Salix nigra	T	FACW+	10.		
3. Polygonum hydropiper	H	OBL	11.		
4. Impatiens capensis	H	FACW	12.		
5. Lythrum salicaria	H	FACW+	13.		
6.			14.		
7.			15.		
8			16.		

Percent of dominant Species that are OBL, FACW, or FAC (excluding FAC-): 100%

Remarks:

HYDROLOGY

___ Recorded Data (Describe in Remarks):
___ Stream, Lake, or Tide Gauge
___ Aerial Photographs
___ Other
___ No Recorded Data Available

Field Observations:

Depth of Surface Water (in.): n/A

Depth to Free Standing Water in Pit (in.): 6"

Depth to Saturated Soil (in.): 0"

Wetland Hydrology Indicators:
Primary Indicators:
___ Inundated
X Saturated
___ Water Marks
___ Drift lines
___ Sediment Deposits
___ Drainage Patterns In Wetlands
Secondary Indicators (2 or more required):
___ Oxidized Root Channels in Upper 12 inches
X Water-Stained Leaves
___ Local Soil survey Data
___ FAC-Neutral Test
___ Other (Explain in Remarks)

Remarks:

301145

Sample ID: SS7 wetland 4

SOILS

Map Unit Name (Series and Phase): Rowland silt loam (Ro) ½ Parsippany silt loam (Pw)

Drainage Class: moderately well drained / somewhat poorly drained / Poorly drained

Field Observations Confirm Mapped Type? Yes No

Taxonomy (SubGroup): Fine-loamy, mixed, mesic Fluvaquentic Dystrochrepts / Fine, mixed, mesic Aeric Ochraquolfs

Profile Description:

Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottles Abundance/ Size/Contrast	Texture, Concretions, Structure, etc.
0-6	A	10YR 3/2	—	—	Alluvial silts
6-12	B	10YR 4/1	—	—	Alluvial silts.
12-20	B	10YR 4/2	—	—	~~Pebbly~~ Alluvial silts w/ pebbles.

Hydro Soil Indicators

- ___ Histosol
- ___ Histic Epipedon
- ___ Sulfidic Odor
- ___ Aquic Moisture Regime
- X Reducing Conditions
- ___ Gleyed or Low-Chroma Colors
- ___ Concretions
- ___ High Organic Content, Surface Layer in Sandy Soils
- ___ Organic Streaking in Sandy Soils
- ___ Listed on Local Hydric Soils List
- ___ Listed on National Hydric Soils List
- ___ Other (Explain in Remarks)

Remarks: 6" to water

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	Yes	No
Wetlands Hydrology Present?	Yes	No
Hydric Soils Present?	Yes	No

Is this Sample Station Point Within a Wetland? Yes No

Remarks

301146

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project Site: Cornell-Dubilier Applicant/Owner: EPA Investigator: R. Delaharty, C. Snyder	Date: 6/20/00 County: middlesex State: NJ
Do Normal Circumstances exist on the site? Yes ~~No~~ Is the site significantly disturbed (Atypical Situation)? ~~Yes~~ No Is the area a potential Problem Area? ~~Yes~~ No (If needed, explain on reverse.)	Community ID: Transect ID: SS 8 Plot ID: upland of wetlands 4

VEGETATION OPEN / SHRUBS.

Plant Community Classification:
Percent Canopy Cover: Tree: Ø Shrub: 10% Herb: 100% Vine: Ø

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Solidago sp.	H	—	9.		
2. Prunus sp.	H	—	10.		
3. Cephalanthus occidentalis	S	OBL	11.		
4. Cornus amomum	S	FACW	12.		
5.			13.		
6.			14.		
7.			15.		
8			16.		

Percent of dominant Species that are OBL, FACW, or FAC (excluding FAC-): 50%

Remarks:

HYDROLOGY

___ Recorded Data (Describe in Remarks):
___ Stream, Lake, or Tide Gauge
___ Aerial Photographs
___ Other
___ No Recorded Data Available

Field Observations:

Depth of Surface Water (in.): n/a

Depth to Free Standing Water in Pit (in.): >25"

Depth to Saturated Soil (in.): >25"

Wetland Hydrology Indicators:
Primary Indicators:
___ Inundated
___ Saturated
___ Water Marks
___ Drift lines
___ Sediment Deposits
___ Drainage Patterns In Wetlands
Secondary Indicators (2 or more required):
___ Oxidized Root Channels in Upper 12 inches
___ Water-Stained Leaves
___ Local Soil survey Data
___ FAC-Neutral Test
___ Other (Explain in Remarks)

Remarks:

301147

Sample ID: SS 8 Upland of Wetland

SOILS

Map Unit Name (Series and Phase): Rowland silt loam (RO) ≠ Purseppany silt loam (PA)

Drainage Class: moderately well drained vs somewhat poorly drained ≠

Field Observations Confirm Mapped Type? Yes No

Taxonomy (SubGroup): Fine-loamy, mixed, mesic Fluvaquentic Dystrochrepts. ≠ Fine, mixed, mesic, Aeric Ochraqualfs

Profile Description:

Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottles Abundance/ Size/Contrast	Texture, Concretions, Structure, etc.
0-10	A	7.5YR 4/4	10YR 3/3	Distinct, Many,	Medium Silt
10-25	B	10YR 3/3	None		Silt

Hydro Soil Indicators

___ Histosol
___ Histic Epipedon
___ Sulfidic Odor
___ Aquic Moisture Regime
___ Reducing Conditions
___ Gleyed or Low-Chroma Colors
___ Concretions
___ High Organic Content, Surface Layer in Sandy Soils
___ Organic Streaking in Sandy Soils
___ Listed on Local Hydric Soils List
___ Listed on National Hydric Soils List
___ Other (Explain in Remarks)

Remarks: No water > 18 inches

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes No
Wetlands Hydrology Present? Yes No
Hydric Soils Present? Yes No

Is this Sample Station Point Within a Wetland? Yes No

Remarks

301148

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project Site: Cornell-Dubilier Applicant/Owner: EPA Investigator: R. DeLaHunty, C. Snyder	Date: 6/20/00 County: middlesex State: NJ
Do Normal Circumstances exist on the site? Yes No Is the site significantly disturbed (Atypical Situation)? Yes No Is the area a potential Problem Area? Yes No (If needed, explain on reverse.)	Community ID: Transect ID: wetland 4 Plot ID: SS-9

VEGETATION PEM

Plant Community Classification:
Percent Canopy Cover: Tree: Ø Shrub: 20 Herb: 80 Vine: Ø

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Polygonum hydropiper	H	OBL	9.		
2. Salix nigra	S	FACW+	10.		
3.			11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8			16.		

Percent of dominant Species that are OBL, FACW, or FAC (excluding FAC-): 100%

Remarks:

HYDROLOGY

___ Recorded Data (Describe in Remarks):
___ Stream, Lake, or Tide Gauge
___ Aerial Photographs
___ Other
___ No Recorded Data Available

Field Observations:

Depth of Surface Water (in.): n/A

Depth to Free Standing Water in Pit (in.): 18"

Depth to Saturated Soil (in.): 0"

Wetland Hydrology Indicators:
Primary Indicators:
___ Inundated
X Saturated
___ Water Marks
X Drift lines
___ Sediment Deposits
___ Drainage Patterns In Wetlands
Secondary Indicators (2 or more required):
___ Oxidized Root Channels in Upper 12 inches
___ Water-Stained Leaves
___ Local Soil survey Data
___ FAC-Neutral Test
___ Other (Explain in Remarks)

Remarks:

301149

Sample ID: 559 - wetland 4

SOILS

Map Unit Name (Series and Phase): Rowland silt loam (Ro) & Parsippany silt loam

Drainage Class: moderately well drained or somewhat poorly drained

Field Observations Confirm Mapped Type? Yes No

Taxonomy (SubGroup): Fine-loamy, mixed, mesic FLUVAQUENTIC DYSTROCHREPTS & Fine, mixed, mesic ACRIC OCHRAQUAITS.

Profile Description:

Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottles Abundance/ Size/Contrast	Texture, Concretions, Structure, etc.
0-24	A	10YR 3/3	—	—	Alluvial silt w/sand

Hydro Soil Indicators

___ Histosol
___ Histic Epipedon
___ Sulfidic Odor
___ Aquic Moisture Regime
___ Reducing Conditions
___ Gleyed or Low-Chroma Colors
___ Concretions
___ High Organic Content, Surface Layer in Sandy Soils
___ Organic Streaking in Sandy Soils
___ Listed on Local Hydric Soils List
___ Listed on National Hydric Soils List
___ Other (Explain in Remarks)

Remarks:

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes No
Wetlands Hydrology Present? Yes No
Hydric Soils Present? Yes No

Is this Sample Station Point Within a Wetland? Yes No

Remarks

301150

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project Site: Cornell-Dubilier Applicant/Owner: EPA Investigator: R. Delahunty, C. ~~[illegible]~~ Snyder	Date: 6/20/00 County: middlesex State: NJ
Do Normal Circumstances exist on the site? (Yes) No Is the site significantly disturbed (Atypical Situation)? Yes (No) Is the area a potential Problem Area? Yes (No) (If needed, explain on reverse.)	Community ID: Transect ID: Plot ID: wetland 4 SS-10

VEGETATION PEM w/ some PSS

Plant Community Classification:
Percent Canopy Cover: Tree: Ø Shrub: 10% Herb: 100% Vine: Ø

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
10	1. Impatiens capensis	H	FACW	9.		
10	2. Typha latifolia	H	OBL	10.		
70	3. Lythrum salicaria	H	FACW+	11.		
10	4. Polygonum hydropiper	H	OBL	12.		
<5	5. Peltandra virginica	H	OBL	13.		
	6. Carex amomum	S	FACW	14.		
	7.			15.		
	8			16.		

Percent of dominant Species that are OBL, FACW, or FAC (excluding FAC-): 100%

Remarks:

HYDROLOGY

___ Recorded Data (Describe in Remarks):
___ Stream, Lake, or Tide Gauge
___ Aerial Photographs
___ Other
___ No Recorded Data Available

Field Observations:

Depth of Surface Water (in.): n/A

Depth to Free Standing Water in Pit (in.): 8"

Depth to Saturated Soil (in.): 0"

Wetland Hydrology Indicators:
Primary Indicators:
___ Inundated
X Saturated
___ Water Marks
___ Drift lines
___ Sediment Deposits
X Drainage Patterns In Wetlands
Secondary Indicators (2 or more required):
___ Oxidized Root Channels in Upper 12 inches
___ Water-Stained Leaves
___ Local Soil survey Data
___ FAC-Neutral Test
___ Other (Explain in Remarks)

Remarks:

301151

Sample ID: SS10 - wetland 4

SOILS

Map Unit Name (Series and Phase): Rowland silt loam (RoD) & Passaic silt loam (Pa)

Drainage Class: moderately well drained & somewhat poorly drained

Field Observations Confirm Mapped Type? Yes No

Poorly drained.

Taxonomy (SubGroup): Fine-loamy, mixed, mesic FLUVAQUENTIC DYSTROCHREPTS. & Fine, mixed, mesic AERIC OCHRAQUALFS.

Profile Description:

Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottles Abundance/ Size/Contrast	Texture, Concretions, Structure, etc.
0-10	A	10YR 3/2	—	—	Silt
10-18	B	10YR 4/1	—	—	Clay

Hydro Soil Indicators

- ___ Histosol
- ___ Histic Epipedon
- ___ Sulfidic Odor
- ___ Aquic Moisture Regime
- X Reducing Conditions
- X Gleyed or Low-Chroma Colors
- ___ Concretions
- ___ High Organic Content, Surface Layer in Sandy Soils
- ___ Organic Streaking in Sandy Soils
- ___ Listed on Local Hydric Soils List
- ___ Listed on National Hydric Soils List
- ___ Other (Explain in Remarks)

Remarks:

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	Yes	No	Is this Sample Station Point Within a Wetland? Yes No
Wetlands Hydrology Present?	Yes	No	
Hydric Soils Present?	Yes	No	

Remarks

301152

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project Site: Cornell-Dubilier Applicant/Owner: EPA Investigator: R. Delahunty, C. Snyder	Date: 6/20/00 County: middlesex State: NJ
Do Normal Circumstances exist on the site? (Yes) No Is the site significantly disturbed (Atypical Situation)? Yes (No) Is the area a potential Problem Area? Yes (No) (If needed, explain on reverse.)	Community ID: Transect ID: upland 2 wetland 4 Plot ID: SS11

VEGETATION

FORESTED.

Plant Community Classification:
Percent Canopy Cover: Tree: 100 % Shrub: 20 % Herb: 100 % Vine: 20 %

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
70	1. Catalpa speciosa	T	FAC	9. Ailanthus altissima	H	NI
30	2. Ailanthus altissima	T	NI	10.		
10	3. Catalpa speciosa	S	FAC	11.		
10	4. Ailanthus altissima	S	NI	12.		
10	~~5. Ageratina altissima~~	H	FACU	13.		
10	6. Rosa multiflora	H	FACU	14.		
80	7. Lonicera japonica	H	FAC-	15.		
20	8. Lonicera japonica	V	FAC-	16.		

Percent of dominant Species that are OBL, FACW, or FAC (excluding FAC-): Ø

Remarks:
→ Eupatorium rugosum

HYDROLOGY

___ Recorded Data (Describe in Remarks): ___ Stream, Lake, or Tide Gauge ___ Aerial Photographs ___ Other ___ No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: ___ Inundated ___ Saturated ___ Water Marks ___ Drift lines ___ Sediment Deposits ___ Drainage Patterns In Wetlands Secondary Indicators (2 or more required): ___ Oxidized Root Channels in Upper 12 inches ___ Water-Stained Leaves ___ Local Soil survey Data ___ FAC-Neutral Test ___ Other (Explain in Remarks)
Field Observations: Depth of Surface Water (in.): n/A Depth to Free Standing Water in Pit (in.): >6" Depth to Saturated Soil (in.): >6"	

Remarks:

301153

Sample ID: SS11 - upland of wetland

SOILS

Map Unit Name (Series and Phase): Rowland silt loam (Ro) & Parsippany silt loam (Pu)

Drainage Class: moderately well drained or somewhat poorly drained & Poorly drained

Taxonomy (SubGroup): Fine-loamy, mixed, mesic FLUVAQUENTIC DYSTROCHREPTS. & Fine, mixed, mesic ATRIC OCHRAQUALFS.

Field Observations Confirm Mapped Type? Yes (No)

Profile Description:

Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottles Abundance/ Size/Contrast	Texture, Concretions, Structure, etc.
0-6"	A	7.5YR 3/2	—	—	Silt & Shale

Hydro Soil Indicators *

___ Histosol
___ Histic Epipedon
___ Sulfidic Odor
___ Aquic Moisture Regime
___ Reducing Conditions
___ Gleyed or Low-Chroma Colors
___ Concretions
___ High Organic Content, Surface Layer in Sandy Soils
___ Organic Streaking in Sandy Soils
___ Listed on Local Hydric Soils List
___ Listed on National Hydric Soils List
___ Other (Explain in Remarks)

Remarks:
* Shale Soil (Red)
* Refusal of Auger at 6"

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes (No)
Wetlands Hydrology Present? Yes (No)
Hydric Soils Present? Yes (No)

Is this Sample Station Point Within a Wetland? Yes (No)

Remarks

301154

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project Site: Cornell-Dubilier Applicant/Owner: EPA Investigator: R. Delahanty, C. Snyder	Date: 6/20/00 County: middlesex State: NJ
Do Normal Circumstances exist on the site? Yes (No) Is the site significantly disturbed (Atypical Situation)? Yes (No) Is the area a potential Problem Area? Yes (No) (If needed, explain on reverse.)	Community ID: Transect ID: upland of wetland 4 Plot ID: SS12

VEGETATION FOREST / FIELD - TRANSITION AREA

Plant Community Classification:
Percent Canopy Cover: Tree: 80% Shrub: 30% Herb: 100% Vine: 10%

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Catalpa speciosa	T	FAC	9.		
2. Populus tremula	T	FACU	10.		
3. Alliaria petiolata	H	FACU-	11.		
4. Parthenocissus quinquefolia	V	FACU	12.		
5. Elaeagnus angustifolia	S	FACU	13.		
6. Rosa multiflora	H	FACU	14.		
7. Phalaris sp	H	—	15.		
8			16.		

Percent of dominant Species that are OBL, FACW, or FAC (excluding FAC-): Ø

Remarks:

HYDROLOGY

___ Recorded Data (Describe in Remarks):
- ___ Stream, Lake, or Tide Gauge
- ___ Aerial Photographs
- ___ Other

___ No Recorded Data Available

Field Observations:

Depth of Surface Water (in.): n/A

Depth to Free Standing Water in Pit (in.): > 18"

Depth to Saturated Soil (in.): > 18"

Wetland Hydrology Indicators:

Primary Indicators:
- ___ Inundated
- ___ Saturated
- ___ Water Marks
- ___ Drift lines
- ___ Sediment Deposits
- ___ Drainage Patterns In Wetlands

Secondary Indicators (2 or more required):
- ___ Oxidized Root Channels in Upper 12 inches
- ___ Water-Stained Leaves
- ___ Local Soil survey Data
- ___ FAC-Neutral Test
- ___ Other (Explain in Remarks)

Remarks:

301155

Sample ID: SS-12 upland of wetland 4

SOILS

Map Unit Name (Series and Phase): Rowland silt loam (Ro) *. Parsippany silt loam (Pa)

Drainage Class: moderately well drained somewhat poorly drained

Field Observations Confirm Mapped Type? Yes No

Taxonomy (SubGroup): Fine-loamy, mixed, mesic FLUVAQUENTIC DUSTROCHREPTS & Fine, mixed, mesic AERIC OCHRAQUALFS

Profile Description:

Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottles Abundance/ Size/Contrast	Texture, Concretions, Structure, etc.
0-18	A	10YR 3/3	—	—	Silt loam

Hydro Soil Indicators

___ Histosol
___ Histic Epipedon
___ Sulfidic Odor
___ Aquic Moisture Regime
___ Reducing Conditions
___ Gleyed or Low-Chroma Colors
___ Concretions
___ High Organic Content, Surface Layer in Sandy Soils
___ Organic Streaking in Sandy Soils
___ Listed on Local Hydric Soils List
___ Listed on National Hydric Soils List
___ Other (Explain in Remarks)

Remarks:

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes No
Wetlands Hydrology Present? Yes No
Hydric Soils Present? Yes No

Is this Sample Station Point Within a Wetland? Yes No

Remarks

301156

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project Site: Cornell - Dubilier Applicant/Owner: ERA Investigator: R. DeLaHunty, C. Snyder	Date: 6/21/00 County: Middlesex State: NJ
Do Normal Circumstances exist on the site? (Yes) No Is the site significantly disturbed (Atypical Situation)? Yes (No) Is the area a potential Problem Area? Yes (No) (If needed, explain on reverse.)	Community ID: Transect ID: wetland 5 Plot ID: SS13

VEGETATION (PFO)

Plant Community Classification:
Percent Canopy Cover: Tree: 90% Shrub: 10% Herb: 90% Vine: 20%

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
80	1. Acer saccharinum	T	FACW	9. Carex vulpinoidea	H	OBL
10	2. Acer rubrum	T	FAC	10. Carex spargania	H	FACW
<5	3. Acer saccharum	T	FACU-	11.		
5	4. Fraxinus pennsylvanica	T	FACW	12.		
	5. Toxicodendron radicans	V	FAC	13.		
	6. Toxicodendron radicans	H	FAC	14.		
	7. Cornus amomum	S	FACW	15.		
	8. Acer saccharinum	H	FACW	16.		

Percent of dominant Species that are OBL, FACW, or FAC (excluding FAC-): 90%

Remarks:

HYDROLOGY

___ Recorded Data (Describe in Remarks):
- ___ Stream, Lake, or Tide Gauge
- ___ Aerial Photographs
- ___ Other

___ No Recorded Data Available

Field Observations:

Depth of Surface Water (in.): N/A

Depth to Free Standing Water in Pit (in.): >22"

Depth to Saturated Soil (in.): 1"

Wetland Hydrology Indicators:

Primary Indicators:
- ___ Inundated
- X Saturated
- ___ Water Marks
- ___ Drift lines
- X Sediment Deposits
- X Drainage Patterns In Wetlands

Secondary Indicators (2 or more required):
- ___ Oxidized Root Channels in Upper 12 inches
- X Water-Stained Leaves
- ___ Local Soil survey Data
- ___ FAC-Neutral Test
- ___ Other (Explain in Remarks)

Remarks:

Date:
Community ID:

301157

Plot ID: SS13 at Wetland 5

SOILS

Map Unit Name (Series and Phase): REAVILLE - URBAN LAND Complex 0-5% slopes (RFA)

Drainage Class: moderately well drained

Field Observations Confirm Mapped Type? Yes No

Taxonomy (SubGroup): Fine-loamy, mixed, mesic Aquic Hapludalfs

Profile Description:

Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottles Abundance/Size/ Contrast	Texture, Concretions, Structure, etc.
0-1	O	10YR 2/2			organic
1-4	A	10YR 2/2			no organic ~~silt loam~~ clay, silty clay
4-10	B	10YR 4/2			
10-22	B	7.5YR 4/4 (50/50)	10YR 3/1	Prominent, common, medium	silty clay

Hydro Soil Indicators

___ Histosol
___ Histic Epipedon
___ Sulfidic Odor
___ Aquic Moisture Regime
___ Reducing Conditions
___ Gleyed or Low-Chroma Colors
___ Concretions
___ High Organic Content, Surface Layer in Sandy Soils
___ Organic Streaking in Sandy Soils
___ Listed on Local Hydric Soils List
___ Listed on National Hydric Soils List
___ Other (Explain in Remarks)

Remarks: Standing water lower than 22"
Saturated ~~[illegible]~~ soil @ 1 inch

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	Yes	No	
Wetlands Hydrology Present?	Yes	No	
Hydric Soils Present?	Yes	No	Is this Sample Station Point Within a Wetland? Yes No

Remarks

301158

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project Site: Cornell Dubilier Applicant/Owner: EPA Investigator: R. Delahunty, C. Snyder	Date: 6/21/00 County: Middlesex State: NJ
Do Normal Circumstances exist on the site? Yes (No) Is the site significantly disturbed (Atypical Situation)? (Yes) No Is the area a potential Problem Area? Yes (No) (If needed, explain on reverse.)	Community ID: Transect ID: SS-14 Plot ID: upland of wetland

VEGETATION Forest / open

Plant Community Classification:
Percent Canopy Cover: Tree: 80% Shrub: 70% Herb: 35% Vine: Ø

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
35	1. Acer rubrum	T	FAC	9.		
35	2. Betula populifolia	T	FAC	10.		
10	3. Quercus velutina	T	—	11.		
20	4. Sassafras albidum	S	FACU-	12.		
10	5. Sassafras albidum	H	FACU-	13.		
10	6. Acer rubrum	H	FAC	14.		
10	7. Toxicodendron radicans	H	FAC	15.		
	8			16.		

Percent of dominant Species that are OBL, FACW, or FAC (excluding FAC-): 57%

Remarks: *Evidence of Dumping - Woodchips, Bottles, Metal Fences

HYDROLOGY

___ Recorded Data (Describe in Remarks): ___ Stream, Lake, or Tide Gauge ___ Aerial Photographs ___ Other ___ No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: ___ Inundated ___ Saturated ___ Water Marks ___ Drift lines ___ Sediment Deposits ___ Drainage Patterns In Wetlands Secondary Indicators (2 or more required): ___ Oxidized Root Channels in Upper 12 inches ___ Water-Stained Leaves ___ Local Soil survey Data ___ FAC-Neutral Test ___ Other (Explain in Remarks)
Field Observations: Depth of Surface Water (in.): n/a Depth to Free Standing Water in Pit (in.): >18" Depth to Saturated Soil (in.): >18"	

Remarks:

Date:
Community ID:

301159

Plot ID: SS14 upland of wetland 5

SOILS

Map Unit Name (Series and Phase): REAVILLE URBAN LAND Complex, 0-5% slopes (RFA)

Drainage Class: moderately well drained

Field Observations Confirm Mapped Type? Yes (No)

Taxonomy (SubGroup): Fine, loamy, mixed, mesic Aquic Hapludalfs

Profile Description:

Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottles Abundance/Size/ Contrast	Texture, Concretions, Structure, etc.
0-2	O	10YR 2/1	—	—	organic
2-18	A	10YR 4/4	—	—	heavy silt loam

Hydro Soil Indicators

___ Histosol
___ Histic Epipedon
___ Sulfidic Odor
___ Aquic Moisture Regime
___ Reducing Conditions
___ Gleyed or Low-Chroma Colors
___ Concretions
___ High Organic Content, Surface Layer in Sandy Soils
___ Organic Streaking in Sandy Soils
___ Listed on Local Hydric Soils List
___ Listed on National Hydric Soils List
___ Other (Explain in Remarks)

Remarks:

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes (No)
Wetlands Hydrology Present? Yes (No)
Hydric Soils Present? Yes (No)

Is this Sample Station Point Within a Wetland? Yes (No)

Remarks:

301160

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project Site: Cornell Dubilier Applicant/Owner: EPA Investigator: R. Delahunty, C. Snyder	Date: 6/21/00 County: Middlesex State: NJ
Do Normal Circumstances exist on the site? Yes **(No)** Is the site significantly disturbed (Atypical Situation)? **(Yes)** No Is the area a potential Problem Area? Yes **(No)** (If needed, explain on reverse.)	Community ID: Transect ID: wetland 6 Plot ID: SS15

VEGETATION

PEM - Phrag.

Plant Community Classification:
Percent Canopy Cover: Tree: 10% Shrub: 5% Herb: 100% Vine: Ø

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Phragmites australis	H	FACW	9.		
2. Acer saccharinum	T	FACW	10.		
3. Catalpa speciosa	T	FAC	11.		
4. Cornus amomum	S	FACW	12.		
5.			13.		
6.			14.		
7.			15.		
8			16.		

Percent of dominant Species that are OBL, FACW, or FAC (excluding FAC-): 100%

Remarks:

HYDROLOGY

___ Recorded Data (Describe in Remarks):
- ___ Stream, Lake, or Tide Gauge
- ___ Aerial Photographs
- ___ Other

___ No Recorded Data Available

Field Observations:

Depth of Surface Water (in.): n/a

Depth to Free Standing Water in Pit (in.): >18"

Depth to Saturated Soil (in.): 0"

Wetland Hydrology Indicators:

Primary Indicators:
- ___ Inundated
- X Saturated
- ___ Water Marks
- ___ Drift lines
- X Sediment Deposits (in places)
- ___ Drainage Patterns In Wetlands

Secondary Indicators (2 or more required):
- ___ Oxidized Root Channels in Upper 12 inches
- ___ Water-Stained Leaves
- ___ Local Soil survey Data
- ___ FAC-Neutral Test
- ___ Other (Explain in Remarks)

Remarks:

Date:
Community ID:

301161

Plot ID: SS~~16~~ 15 Wetland 6

SOILS

Map Unit Name (Series and Phase): REAVILLE URBAN LAND Complex, 0-5% slopes (RFA)

Drainage Class: moderately well drained

Taxonomy (SubGroup): Fine-loamy, mixed, mesic Aquic Hapludalfs

Field Observations Confirm Mapped Type? Yes / No

Profile Description:

Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottles Abundance/Size/ Contrast	Texture, Concretions, Structure, etc.
0-24		10YR 3/1	—	—	organic
24-18	A	10YR 3/1	—	—	sandy clay

Hydro Soil Indicators

- ___ Histosol
- ___ Histic Epipedon
- ___ Sulfidic Odor
- ___ Aquic Moisture Regime
- X Reducing Conditions
- ___ Gleyed or Low-Chroma Colors
- ___ Concretions
- ___ High Organic Content, Surface Layer in Sandy Soils
- ___ Organic Streaking in Sandy Soils
- ___ Listed on Local Hydric Soils List
- ___ Listed on National Hydric Soils List
- ___ Other (Explain in Remarks)

Remarks: - Disturbed soil - Road Runoff
Hydric conditions soil study to follow

WETLAND DETERMINATION

Hydrophytic Vegetation Present?	Yes / No	
Wetlands Hydrology Present?	Yes / No	
Hydric Soils Present?	Yes / No	Is this Sample Station Point Within a Wetland? Yes / No

Remarks

301162

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project Site: C.D. (Cornell-Dubilier) Applicant/Owner: EPA Investigator: R. Delaluntry, C. Snyder	Date: 6/21/00 County: Middlesex State: NJ
Do Normal Circumstances exist on the site? Yes (No) Is the site significantly disturbed (Atypical Situation)? (Yes) No Is the area a potential Problem Area? Yes (No) (If needed, explain on reverse.)	Community ID: Transect ID: upland - wetl Plot ID: SD-716

VEGETATION

Plant Community Classification:
Percent Canopy Cover: Tree: Ø Shrub: Ø Herb: 100 Vine: Ø

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
~~1 Artemisia Vulgaris~~	~~H~~	~~upl~~	9.		
2. (mugwort)			10.		
3. Artemisia ludoviciana	H	upl	11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8			16.		

Percent of dominant Species that are OBL, FACW, or FAC (excluding FAC-): Ø

Remarks:

HYDROLOGY

___ Recorded Data (Describe in Remarks):
- ___ Stream, Lake, or Tide Gauge
- ___ Aerial Photographs
- ___ Other

___ No Recorded Data Available

Field Observations:

Depth of Surface Water (in.): n/a

Depth to Free Standing Water in Pit (in.): n/a

Depth to Saturated Soil (in.): n/a

Wetland Hydrology Indicators:

Primary Indicators:
- ___ Inundated
- ___ Saturated
- ___ Water Marks
- ___ Drift lines
- ___ Sediment Deposits
- ___ Drainage Patterns In Wetlands

Secondary Indicators (2 or more required):
- ___ Oxidized Root Channels in Upper 12 inches
- ___ Water-Stained Leaves
- ___ Local Soil survey Data
- ___ FAC-Neutral Test
- ___ Other (Explain in Remarks)

Remarks:

Date:
Community ID:

301163

Plot ID: SS ~~17~~ 16 upland of wetland 6

SOILS

Map Unit Name (Series and Phase): REAVILLE URBAN LAND Complex 0-5% SLOPES (RFA)

Drainage Class: Moderately well drained

Field Observations Confirm Mapped Type? Yes No

Taxonomy (SubGroup): FINE-LOAMY, mixed, mesic AQUIC HAPLUDALFS

Profile Description:

Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottles Abundance/Size/ Contrast	Texture, Concretions, Structure, etc.
0-6	A	10YR 3/4	-	—	fill material

Hydro Soil Indicators

___ Histosol
___ Histic Epipedon
___ Sulfidic Odor
___ Aquic Moisture Regime
___ Reducing Conditions
___ Gleyed or Low-Chroma Colors
___ Concretions
___ High Organic Content, Surface Layer in Sandy Soils
___ Organic Streaking in Sandy Soils
___ Listed on Local Hydric Soils List
___ Listed on National Hydric Soils List
___ Other (Explain in Remarks)

Remarks: Refusal @ 6"

- Disturbed area - fill Debris

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes No
Wetlands Hydrology Present? Yes No
Hydric Soils Present? Yes No

Is this Sample Station Point Within a Wetland? Yes No

Remarks

301164

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project Site: Cornell Dubilier Applicant/Owner: EPA Investigator: R. Delahunty, C. Snyder	Date: 6/21/00 County: middlesex State: NJ
Do Normal Circumstances exist on the site? Yes (No) Is the site significantly disturbed (Atypical Situation)? (Yes) No Is the area a potential Problem Area? Yes (No) (If needed, explain on reverse.)	Community ID: Transect ID: wetland 7 Plot ID: SS17

VEGETATION

PEM

Plant Community Classification:
Percent Canopy Cover: Tree: Ø Shrub: Ø Herb: 100% Vine: Ø

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
70	1. Carex vulpinoidea	H	OBL	9.		
<5	2. Cornus amomum	H	FACW	10.		
10	3. Solidago sp	H	—	11.		
20	4. Juncus tenuis	H	FAC-	12.		
	5.			13.		
	6.			14.		
	7.			15.		
	8			16.		

Percent of dominant Species that are OBL, FACW, or FAC (excluding FAC-): 50%

Remarks: * low area adjacent to parking area (paved)
* compacted soil

HYDROLOGY

___ Recorded Data (Describe in Remarks):
___ Stream, Lake, or Tide Gauge
___ Aerial Photographs
___ Other
___ No Recorded Data Available

Field Observations:

Depth of Surface Water (in.): n/a

Depth to Free Standing Water in Pit (in.): —

Depth to Saturated Soil (in.): —

Wetland Hydrology Indicators:
Primary Indicators:
___ Inundated
___ Saturated
___ Water Marks
___ Drift lines
X Sediment Deposits
___ Drainage Patterns In Wetlands
Secondary Indicators (2 or more required):
___ Oxidized Root Channels in Upper 12 inches
X Water-Stained Leaves
___ Local Soil survey Data
___ FAC-Neutral Test
___ Other (Explain in Remarks)

Remarks:

Date:
Community ID:

301165

Plot ID: SS 1 Wetland 7

SOILS

Map Unit Name (Series and Phase): REAULLE URBAN LAND Complex, 0-5% slopes (RFA)

Drainage Class: MODERATELY WELL DRAINED

Field Observations Confirm Mapped Type? Yes No

Taxonomy (SubGroup): FINE-loamy, mixed, mesic AQUIC HAPLUDALFS

Profile Description:

Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottles Abundance/Size/ Contrast	Texture, Concretions, Structure, etc.
0-					

Hydro Soil Indicators

___ Histosol
___ Histic Epipedon
___ Sulfidic Odor
___ Aquic Moisture Regime
___ Reducing Conditions
___ Gleyed or Low-Chroma Colors
___ Concretions
___ High Organic Content, Surface Layer in Sandy Soils
___ Organic Streaking in Sandy Soils
___ Listed on Local Hydric Soils List
___ Listed on National Hydric Soils List
___ Other (Explain in Remarks)

Remarks: * Fill AREA
* compacted soil & gravel
* unable to obtain soil sample
* silt stained leaves & grass

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes No
Wetlands Hydrology Present? Yes No
Hydric Soils Present? Yes No

Is this Sample Station Point Within a Wetland? Yes No

Remarks * unable to obtain soil sample
Compacted fill material

301166

DATA FORM
ROUTINE WETLAND DETERMINATION
(1987 COE Wetlands Delineation Manual)

Project Site: Cornell Dubilier Applicant/Owner: EPA Investigator: R. Delaburty, C. Snyder	Date: 6/21/00 County: middlesex State: NJ
Do Normal Circumstances exist on the site? Yes (No) Is the site significantly disturbed (Atypical Situation)? (Yes) No Is the area a potential Problem Area? Yes (No) (If needed, explain on reverse.)	Community ID: Transect ID: upland of wetland 7 Plot ID: SS18

VEGETATION

Plant Community Classification: Open / SS

Percent Canopy Cover: Tree: Ø Shrub: Ø Herb: 100 Vine: Ø

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. Artemisia ludoviciana	H	Upl	9.		
2. Solidago sp	H	—	10.		
3. Achillea millefolium	H	FACU	11.		
4.			12.		
5.			13.		
6.			14.		
7.			15.		
8			16.		

Percent of dominant Species that are OBL, FACW, or FAC (excluding FAC-): Ø

Remarks: Disturbed area w/ piles of fill

HYDROLOGY

___ Recorded Data (Describe in Remarks):
- ___ Stream, Lake, or Tide Gauge
- ___ Aerial Photographs
- ___ Other

___ No Recorded Data Available

Field Observations:

Depth of Surface Water (in.): N/A

Depth to Free Standing Water in Pit (in.): —

Depth to Saturated Soil (in.): —

Wetland Hydrology Indicators:

Primary Indicators:
- ___ Inundated
- ___ Saturated
- ___ Water Marks
- ___ Drift lines
- ___ Sediment Deposits
- ___ Drainage Patterns In Wetlands

Secondary Indicators (2 or more required):
- ___ Oxidized Root Channels in Upper 12 inches
- ___ Water-Stained Leaves
- ___ Local Soil survey Data
- ___ FAC-Neutral Test
- ___ Other (Explain in Remarks)

Remarks:
* Fill Area
* Compacted soil

Date:
Community ID:

301167

Plot ID: SS-18 upland ob wet 7

SOILS

Map Unit Name (Series and Phase): REALICE URBAN LAND Complex, 0-5% slopes (RTA)

Drainage Class: moderately well drained

Field Observations Confirm Mapped Type? Yes No

Taxonomy (SubGroup): Fine-loamy, mixed, mesic AQUIC HAPLUDALFS.

Profile Description:

Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)	Mottles Abundance/Size/ Contrast	Texture, Concretions, Structure, etc.

Hydro Soil Indicators

___ Histosol
___ Histic Epipedon
___ Sulfidic Odor
___ Aquic Moisture Regime
___ Reducing Conditions
___ Gleyed or Low-Chroma Colors
___ Concretions
___ High Organic Content, Surface Layer in Sandy Soils
___ Organic Streaking in Sandy Soils
___ Listed on Local Hydric Soils List
___ Listed on National Hydric Soils List
___ Other (Explain in Remarks)

Remarks: unable to obtain soil sample
fill material - compacted w/gravel

WETLAND DETERMINATION

Hydrophytic Vegetation Present? Yes No
Wetlands Hydrology Present? Yes No
Hydric Soils Present? Yes No

Is this Sample Station Point Within a Wetland? Yes No

Remarks

301168

APPENDIX G

301169

APPENDIX G

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APPENDIX G

ANALYTICAL RESULTS

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG001	SG002	SG003	SG004	SG005
FWENC SAMPLE ID	SG001	SG002	SG003	SG004	SG005
DATE / TIME	05/23/2000 / 09:01	05/23/2000 / 09:38	05/24/2000 / 10:20	05/24/2000 / 10:30	05/24/2000 / 10:38
DEPTH (ft)	3.5	2	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	29.82	29.82	NA	NA	NA
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	0	13	NA	NA	NA
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10	10 U	10 U	10 U	10 U
Trichloroethylene	0.2 U	0.2 U	0.14 J	0.2 U	0.2 U

301173

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG006	SG007	SG008	SG009	SG010
FWENC SAMPLE ID	SG006	SG007	SG008	SG009	SG010
DATE / TIME	05/24/2000 / 10:45	05/24/2000 / 10:55	05/23/2000 / 10:15	05/24/2000 / 08:20	05/23/2000 / 10:35
DEPTH (ft)	4	4	2	4	3.75
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	NA	NA	29.81	NA	29.81
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	NA	NA	15	NA	15
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	10 U	11	10 U	36000
Trichloroethylene	0.99	0.36	0.2 U	0.17 J	0.2 U

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Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG011	SG012	SG013	SG014	SG015
FWENC SAMPLE ID	SG011	SG012	SG013	SG014	SG015
DATE / TIME	05/30/2000 / 11:57	05/24/2000 / 08:45	05/25/2000 / 08:26	05/23/2000 / 10:53	05/23/2000 / 13:43
DEPTH (ft)	4	4	4	2	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30.24	NA	NA	29.81	29.78
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	1.2	1.1	0.21 U	0.21 U
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	23	NA	NA	15	16.7
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	27	10 U	10 U	10 U
Trichloroethylene	4.4 E	24 E	0.2 U	0.2 U	2.3 D

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Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG016	SG019	SG021	SG022	SG023
FWENC SAMPLE ID	SG016	SG019	SG021	SG022	SG023
DATE / TIME	05/25/2000 / 08:50	05/23/2000 / 13:25	05/24/2000 / 09:55	05/25/2000 / 08:08	05/25/2000 / 09:35
DEPTH (ft)	3.5	4	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.28	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	NA	29.78	NA	NA	NA
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.38	0.21 U	0.21 U	0.21 U
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	3.7	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	NA	16.7	NA	NA	NA
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	10 U	12	10 U	10 U
Trichloroethylene	0.9	7.8 D	0.55	0.2 U	0.2 U

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Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG024	SG024	SG025	SG026	SG027
FWENC SAMPLE ID	SG024	SG924	SG025	SG026	SG027
DATE / TIME	05/30/2000 / 12:14	Duplicate of	05/23/2000 / 16:00	05/24/2000 / 09:10	05/24/2000 / 09:28
DEPTH (ft)	3	SG024	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	6.3 E	4.3 E	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30.24	30.24	29.72	NA	NA
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.21 U	0.49
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	22
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	22	22	17	NA	NA
Tetrachloroethylene	0.26 U	0.26 U	0.75	0.26 U	0.18 J
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	180	174	10 U	19	12
Trichloroethylene	0.18 J	0.16 J	4.5 E	0.77	4.4 E

301177

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG028	SG029	SG031	SG033	SG034
FWENC SAMPLE ID	SG028	SG029	SG031	SG033	SG034
DATE / TIME	05/25/2000 / 09:18	05/23/2000 / 15:35	05/24/2000 / 13:15	05/25/2000 / 16:42	05/25/2000 / 16:55
DEPTH (ft)	4	4	4	3.5	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	NA	29.74	NA	29.56	29.56
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	1.2	0.21 U	0.21 U
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	NA	17.2	NA	26	26
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	10 U	25	10 U	2500
Trichloroethylene	0.2 U	0.47	0.25	0.54	0.22

301178

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG035	SG036	SG037	SG039	SG040
FWENC SAMPLE ID	SG035	SG036	SG037	SG039	SG040
DATE / TIME	05/23/2000 / 14:35	05/23/2000 / 14:10	05/23/2000 / 15:10	05/24/2000 / 13:35	05/25/2000 / 10:15
DEPTH (ft)	4	4	4	2	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.93	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	40 E	1.8 U
Barometric Pressure (in. Hg)	29.75	29.75	29.74	NA	29.53
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.2 J	0.24	0.94	11 E	0.21 U
cis-1,2-Dichloroethylene	2.6 U	2.6 U	114 D	23 E	2.6 U
1,2-Dichloroethylene	2 U	2 U	2.8	50 E	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	3.8	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	18	18	17.2	NA	24
Tetrachloroethylene	0.26 U	0.26 U	3.8 D	1.3	0.51
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	16	18	41	16000	10 U
Trichloroethylene	0.2 U	0.62	35 D	14000 E	0.43

301179

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG041	SG042	SG044	SG045	SG046
FWENC SAMPLE ID	SG041	SG042	SG044	SG045	SG046
DATE / TIME	05/25/2000 / 13:45	05/30/2000 / 10:10	05/25/2000 / 11:30	05/30/2000 / 10:58	05/30/2000 / 10:35
DEPTH (ft)	3	4	4	4	3
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	29.53	30.34	29.53	30.24	30.24
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.09 J	0.26 U	0.12 J	0.26 U
Chloroform	0.21 U	0.69	0.21 U	0.21 U	0.21 U
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	27	22	27	19	24
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	10 U	13	22	10 U
Trichloroethylene	0.2 U	0.45	0.2 U	0.59	0.2 U

301180

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG047	SG047	SG048	SG049	SG050
FWENC SAMPLE ID	SG047	SG947	SG048	SG049	SG050
DATE / TIME	05/23/2000 / 16:45	Duplicate of	05/24/2000 / 14:35	05/24/2000 / 14:20	05/24/2000 / 13:50
DEPTH (ft)	4	SG047	2	2	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	29.72	29.72	NA	NA	NA
Benzene	1.2 U	1.2 U	14	31	5.9
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.92	0.78	0.24
cis-1,2-Dichloroethylene	1.3	1.5	2.6 U	2.6 U	6.4
1,2-Dichloroethylene	2 U	2 U	2 U	2.6	7
Ethylbenzene	1.2 U	1.2 U	1.2 U	4.8	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.32	1.1 U
Temperature (degrees Celsius)	17	17	NA	NA	NA
Tetrachloroethylene	0.13 J	0.21 J	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	10 U	40000	17000	3100
Trichloroethylene	3.2 E	4.7 E	0.34	0.63	10 E

301181

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG053	SG054	SG055	SG062	SG063
FWENC SAMPLE ID	SG053	SG054	SG055	SG062	SG063
DATE / TIME	05/30/2000 / 13:52	05/24/2000 / 14:50	05/24/2000 / 15:25	05/25/2000 / 11:10	05/30/2000 / 11:31
DEPTH (ft)	4	2	3.5	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.9	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30.24	NA	NA	29.5	30.24
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	2.36	0.21 U	0.21 U	0.21 U
cis-1,2-Dichloroethylene	2.6 U	40 E	2.3 J	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	26	NA	NA	26	21
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	25000	11	10 U	10 U
Trichloroethylene	0.2 U	8.4 E	1.3	0.2 U	0.2 U

301182

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG064	SG065	SG065	SG074	SG075
FWENC SAMPLE ID	SG064	SG065	SG965	SG074	SG075
DATE / TIME	05/30/2000 / 11:10	05/24/2000 / 15:55	Duplicate of	05/31/2000 / 12:13	05/31/2000 / 11:50
DEPTH (ft)	4	3	SG065	3	2
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	4.7	4.4	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30.24	NA	NA	30.18	30.21
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.67	0.63	0.15 J	0.21 U
cis-1,2-Dichloroethylene	2.6 U	90 E	86 E	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	3.6	3.7	2 U	2 U
Ethylbenzene	1.2 U	3.6	2.8	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	21	NA	NA	25	23
Tetrachloroethylene	0.26	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	18	4300	4600	1300	7400
Trichloroethylene	0.25	79 E	81 E	0.17 J	0.2 U

301183

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG076	SG077	SG078	SG079	SG080
FWENC SAMPLE ID	SG076	SG077	SG078	SG079	SG080
DATE / TIME	05/25/2000 / 10:25	05/25/2000 / 10:50	05/25/2000 / 14:07	05/26/2000 / 12:20	05/24/2000 / 16:35
DEPTH (ft)	4	4	4	4	3.5
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	29.53	29.53	29.53	NA	NA
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.21 U	0.7
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	4.9
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	24	25	28	NA	NA
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	10 U	14	10 U	10 U
Trichloroethylene	0.46	0.2 U	0.69	0.2 U	3.6 E

301184

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG082	SG084	SG085	SG086	SG087
FWENC SAMPLE ID	SG082	SG084	SG085	SG086	SG087
DATE / TIME	06/02/2000 / 09:16	05/30/2000 / 14:03	05/26/2000 / 10:51	05/26/2000 / 09:30	05/26/2000 / 08:14
DEPTH (ft)	2	0	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	5.1	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	29.94	30.24	NA	NA	NA
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.21 U	7.4
cis-1,2-Dichloroethylene	520 E	2.6 U	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	23 E	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.8	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	31	25	NA	NA	NA
Tetrachloroethylene	2.9 E	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	3.7	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	1200	10 U	10 U	10 U	11
Trichloroethylene	2200 E	0.2 U	0.6	0.76	5.5 E

301185

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG088	SG089	SG090	SG090	SG091
FWENC SAMPLE ID	SG088	SG089	SG090	SG990	SG091
DATE / TIME	05/25/2000 / 14:42	05/25/2000 / 14:30	05/26/2000 / 12:37	Duplicate of	05/26/2000 / 10:28
DEPTH (ft)	4	4	4	SG090	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	29.56	29.56	NA	NA	NA
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	1	0.21 U	0.21 U	0.21 U	0.21 U
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	28	28	NA	NA	NA
Tetrachloroethylene	0.26 U	0.26 U	0.21 J	0.17 J	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	10	10 U	10 U	16
Trichloroethylene	0.35	2.6 E	1.1	0.96	0.76

301186

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG092	SG093	SG094	SG095	SG097
FWENC SAMPLE ID	SG092	SG093	SG094	SG095	SG097
DATE / TIME	05/26/2000 / 09:00	05/26/2000 / 07:54	06/05/2000 / 15:05	06/05/2000 / 15:01	05/26/2000 / 10:08
DEPTH (ft)	4	4	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	NA	NA	30.06	30.06	NA
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.3	0.31	0.21 U	0.21 U	0.21 U
cis-1,2-Dichloroethylene	2.6 U	24	2.6 U	2.6 U	8.9
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.7	1.2 U	1.2 U	1.8
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	NA	NA	21	21	NA
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	31	38	10 U	10 U	17
Trichloroethylene	69 E	65 E	0.2 U	1.1	16 E

301187

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG098	SG099	SG101	SG103	SG104
FWENC SAMPLE ID	SG098	SG099	SG101	SG103	SG104
DATE / TIME	05/26/2000 / 08:45	05/26/2000 / 07:25	06/05/2000 / 14:57	05/25/2000 / 15:30	05/25/2000 / 15:15
DEPTH (ft)	4	4	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	NA	NA	30.06	29.56	29.56
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.24	0.21 U	0.21 U	0.21 U	0.4
cis-1,2-Dichloroethylene	19	18	2.6 U	2.6 U	5.2
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	2	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	NA	NA	21	27	28
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	19	18	10 U	10 U	14
Trichloroethylene	14 E	15 E	0.19 J	2.8 E	13 E

301188

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG104	SG105	SG106	SG108	SG109
FWENC SAMPLE ID	SG804	SG105	SG106	SG108	SG109
DATE / TIME	Duplicate of	05/25/2000 / 15:30	05/25/2000 / 15:55	06/01/2000 / 14:25	06/01/2000 / 14:15
DEPTH (ft)	SG104	4	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	29.56	29.56	29.56	29.94	29.94
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.28	0.21 U	0.33	0.21 U	0.21 U
cis-1,2-Dichloroethylene	5.7	7.7	31 E	15 E	17 E
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	1.8 J
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	28	27	27	36	37
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	13	13	40	20	25
Trichloroethylene	14 E	15 E	48 E	21 E	23 E

301189

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG109	SG110	SG111	SG112	SG113
FWENC SAMPLE ID	SG909	SG110	SG111	SG112	SG113
DATE / TIME	Duplicate of	06/02/2000 / 08:59	06/02/2000 / 09:28	05/31/2000 / 09:26	05/31/2000 / 09:03
DEPTH (ft)	SG109	4	4	4	3
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	29.94	29.94	29.91	30.21	30.18
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.2 J	0.88
cis-1,2-Dichloroethylene	20 E	200 E	82 E	2.6 U	2.6 U
1,2-Dichloroethylene	1.8 J	6.1	2.9	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	37	29	32	21	18
Tetrachloroethylene	0.26 U	0.54	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	24	150	72	10 U	33
Trichloroethylene	28 E	74 E	29 E	0.28	0.38

301190

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG115	SG116	SG117	SG119	SG120
FWENC SAMPLE ID	SG115	SG116	SG117	SG119	SG120
DATE / TIME	05/30/2000 / 14:23	05/31/2000 / 09:36	05/31/2000 / 08:51	06/02/2000 / 10:41	06/02/2000 / 10:22
DEPTH (ft)	2	4	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.5	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30.24	30.21	30.21	29.91	29.91
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21	0.3	0.21 U	0.21 U
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	12 E	5.3
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	24	21	17	34	36
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.13 J	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	21	710	15	17
Trichloroethylene	0.2 U	0.17 J	0.38	9.9 E	9.7 E

301191

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG121	SG122	SG123	SG124	SG125
FWENC SAMPLE ID	SG121	SG122	SG123	SG124	SG125
DATE / TIME	06/02/2000 / 10:12	06/02/2000 / 10:01	06/02/2000 / 10:50	06/02/2000 / 10:58	06/02/2000 / 11:06
DEPTH (ft)	4	4	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	29.91	29.91	29.91	29.88	29.88
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.15 J	0.21 U	0.21 U	0.21 U	0.21 U
cis-1,2-Dichloroethylene	2.6 U	2.6 U	4.2	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	37	36	34	36	38
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	11	22	29	100	49
Trichloroethylene	3.3 E	2.5 E	2.7 E	2.1 E	1.1

301192

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG126	SG127	SG128	SG129	SG130
FWENC SAMPLE ID	SG126	SG127	SG128	SG129	SG130
DATE / TIME	06/02/2000 / 11:15	05/31/2000 / 11:10	05/31/2000 / 09:45	05/31/2000 / 08:41	06/01/2000 / 15:04
DEPTH (ft)	3	3	3	3	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.22	0.32	0.18 J	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	29.88	30.21	30.21	30.21	29.94
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.21 U	0.18 J
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	19 E
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	1.3 J
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	40	26	21	16	36
Tetrachloroethylene	0.11 J	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	15	10 U	10 U	10 U	19
Trichloroethylene	1.8 E	2.8 E	0.59	0.2 U	12 E

301193

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG131	SG132	SG133	SG134	SG135
FWENC SAMPLE ID	SG131	SG132	SG133	SG134	SG135
DATE / TIME	06/01/2000 / 14:05	06/01/2000 / 13:59	06/02/2000 / 08:27	06/02/2000 / 08:15	06/02/2000 / 11:27
DEPTH (ft)	4	4	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	1.4	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	29.97	29.97	29.94	29.94	29.88
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.15 J	0.21 U	0.39	0.21 U	0.21 U
cis-1,2-Dichloroethylene	5	8.2 E	3.9	17 E	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	1.6 J	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	36	36	28	26	41
Tetrachloroethylene	0.26 U	0.26 U	0.27	0.11 J	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	11	13	20	19	190
Trichloroethylene	9.5 E	13 E	19 E	11 E	0.68

301194

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG136	SG137	SG138	SG139	SG141
FWENC SAMPLE ID	SG136	SG137	SG138	SG139	SG141
DATE / TIME	06/02/2000 / 11:36	06/02/2000 / 11:43	06/02/2000 / 11:52	05/31/2000 / 10:43	05/31/2000 / 08:30
DEPTH (ft)	4	4	4	4	3
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	29.88	29.88	29.88	30.21	30.21
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.16 J	0.21 U
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	41	42	41	32	16
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.19 J	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	400	23	10 U	10 U	10 U
Trichloroethylene	0.3	0.2	0.21	1.6 E	0.2 U

301195

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG142	SG143	SG144	SG146	SG147
FWENC SAMPLE ID	SG142	SG143	SG144	SG146	SG147
DATE / TIME	05/30/2000 / 14:42	06/01/2000 / 15:12	06/01/2000 / 15:40	06/01/2000 / 13:50	06/01/2000 / 13:41
DEPTH (ft)	2	4	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	1.6 J	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30.24	29.94	29.91	29.97	29.97
Benzene	1.2 U	1.2 U	33 E	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.17 J	0.19 J	0.17 J
cis-1,2-Dichloroethylene	2.6 U	5	46 E	6.7 E	5.5 E
1,2-Dichloroethylene	2 U	2 U	8.9	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	3.6	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	3.3	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	23	38	41	40	42
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	8.8	1.3 U	1.3 U
Total FID Volatiles	10 U	12	2300	11	13
Trichloroethylene	0.2 U	3.4 E	35 E	1.3 E	5.6 E

301196

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG148	SG149	SG150	SG150	SG151
FWENC SAMPLE ID	SG148	SG149	SG150	SG850	SG151
DATE / TIME	06/01/2000 / 10:03	06/01/2000 / 09:41	06/02/2000 / 12:02	Duplicate of	05/31/2000 / 10:12
DEPTH (ft)	4	4	4	SG150	4
CONSTITUENT					
1,1,1-Trichloroethane	0.15 J	0.77	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30	30	29.88	29.88	30.21
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.16 J	0.19 J	0.21 U	0.21 U	0.21 U
cis-1,2-Dichloroethylene	25 E	3.5	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	1.3 J	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	29	24	40	40	22
Tetrachloroethylene	0.25 J	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	22	19	10 U	10 U	10 U
Trichloroethylene	21 E	17 E	0.2 U	0.2 U	0.2 U

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Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG152	SG153	SG154	SG156	SG157
FWENC SAMPLE ID	SG152	SG153	SG154	SG156	SG157
DATE / TIME	05/31/2000 / 08:18	06/01/2000 / 15:21	06/01/2000 / 00:00	06/01/2000 / 09:03	06/01/2000 / 00:00
DEPTH (ft)	4	4	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	-1.2	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30.21	29.94	NA	30	NA
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.48	0.21 U	0.21 U	0.21 U
cis-1,2-Dichloroethylene	2.6 U	13 E	74 E	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2.3	6.8 E	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	15	40	NA	24	NA
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	120	180	28	10 U
Trichloroethylene	0.2 U	14 E	60 E	0.19 J	1.2 E

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Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG158	SG159	SG160	SG161	SG162
FWENC SAMPLE ID	SG158	SG159	SG160	SG161	SG162
DATE / TIME	06/01/2000 / 00:00	06/01/2000 / 09:31	06/05/2000 / 09:47	05/31/2000 / 10:30	05/31/2000 / 08:05
DEPTH (ft)	4	4	4	4	3
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.24	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	NA	30	30.09	30.21	30.21
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
cis-1,2-Dichloroethylene	5.2	11 E	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	NA	26	21	26	15
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10	59	10 U	10 U	10 U
Trichloroethylene	7.3 E	17 E	0.2 U	0.2 U	0.2 U

301199

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG163	SG164	SG165	SG166	SG167
FWENC SAMPLE ID	SG163	SG164	SG165	SG166	SG167
DATE / TIME	06/01/2000 / 08:02	06/01/2000 / 08:11	06/01/2000 / 08:21	06/01/2000 / 08:34	06/01/2000 / 07:52
DEPTH (ft)	4	4	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30	30	30	30	30
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.2 J	0.33	0.35	0.37	0.21 U
cis-1,2-Dichloroethylene	7.6 E	2.2 J	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	1.5 J	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	18	19	19	21	18
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	15	10 U	10 U	12	10 U
Trichloroethylene	14 E	2.4 E	0.15 J	7.7 E	1.4 E

301200

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG168	SG169	SG170	SG171	SG172
FWENC SAMPLE ID	SG168	SG169	SG170	SG171	SG172
DATE / TIME	06/01/2000 / 07:37	06/02/2000 / 08:06	06/05/2000 / 10:11	06/05/2000 / 10:04	06/05/2000 / 09:56
DEPTH (ft)	4	4	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30	29.94	30.09	30.09	30.09
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	17	26	20	21	21
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	10 U	10 U	10 U	10 U
Trichloroethylene	2.2 E	0.82	0.2 U	0.2 U	0.2 U

301201

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG173	SG174	SG175	SG176	SG177
FWENC SAMPLE ID	SG173	SG174	SG175	SG176	SG177
DATE / TIME	05/30/2000 / 16:25	05/30/2000 / 16:41	05/30/2000 / 15:06	06/05/2000 / 10:18	06/05/2000 / 10:27
DEPTH (ft)	4	4	2.5	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30.21	30.21	30.24	30.09	30.09
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.21 U	0.27
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	26	25	23	21	26
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	10 U	10 U	290	10 U
Trichloroethylene	0.2 U	0.2 U	0.2 U	0.2 U	0.3

301202

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG178	SG179	SG180	SG181	SG182
FWENC SAMPLE ID	SG178	SG179	SG180	SG181	SG182
DATE / TIME	06/05/2000 / 10:35	06/05/2000 / 10:58	06/05/2000 / 10:50	06/05/2000 / 10:43	05/31/2000 / 16:20
DEPTH (ft)	4	4	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30.09	30.09	30.09	30.09	30.09
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	29	27	27	26	31
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	1200	10 U	10 U	10 U
Trichloroethylene	0.2 U	0.18 J	0.2	0.15 J	2.3 E

301203

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG182	SG183	SG184	SG185	SG186
FWENC SAMPLE ID	SG882	SG183	SG184	SG185	SG186
DATE / TIME	Duplicate of	05/31/2000 / 16:00	05/31/2000 / 15:51	05/31/2000 / 15:44	05/31/2000 / 15:29
DEPTH (ft)	SG182	4	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.83	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30.09	30.09	30.09	30.09	30.12
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.16 J	0.21 U
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	31	31	30	29	29
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	14	10 U	10 U	10 U
Trichloroethylene	2.5 E	0.2 U	0.2 U	1.3 E	0.87

301204

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG187	SG188	SG188	SG189	SG190
FWENC SAMPLE ID	SG187	SG188	SG888	SG189	SG190
DATE / TIME	05/31/2000 / 15:36	05/31/2000 / 15:13	Duplicate of	05/31/2000 / 14:25	06/02/2000 / 07:57
DEPTH (ft)	4	4	SG188	4	3
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.22	0.23	0.96	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	2
Barometric Pressure (in. Hg)	30.09	30.12	30.12	30.15	29.94
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.21 U	0.92
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	65 E
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	21 E
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	30	29	29	34	26
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.29
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	10 U	10 U	10 U	10 U
Trichloroethylene	0.2 U	1	1.1	1.2	420 D

301205

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG191	SG192	SG194	SG195	SG196
FWENC SAMPLE ID	SG191	SG192	SG194	SG195	SG196
DATE / TIME	06/05/2000 / 11:57	05/30/2000 / 16:12	05/31/2000 / 13:49	05/31/2000 / 13:59	05/31/2000 / 14:06
DEPTH (ft)	4	4.	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.22
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30.09	30.21	30.15	30.15	30.15
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.17 J	0.21 U	0.21 U	0.21 U	0.21 U
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	26	26	32	34	34
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	10	10 U	10 U	43
Trichloroethylene	0.61	0.2 U	0.2 U	0.2 U	0.3

301206

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG197	SG198	SG199	SG200	SG201
FWENC SAMPLE ID	SG197	SG198	SG199	SG200	SG201
DATE / TIME	05/31/2000 / 14:16	05/31/2000 / 16:27	05/31/2000 / 16:32	05/31/2000 / 16:36	05/30/2000 / 15:51
DEPTH (ft)	4	4	4	4	2
CONSTITUENT					
1,1,1-Trichloroethane	1.6	0.44	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30.15	30.06	30.06	30.06	30.21
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	3.4	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	32	31	31	30	26
Tetrachloroethylene	0.26 U	0.58	2.1	0.15 J	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	282	10 U	66	15	10
Trichloroethylene	3.3 E	3.7 E	0.48	0.2 U	0.2 U

301207

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG202	SG203	SG204	SG205	SG206
FWENC SAMPLE ID	SG202	SG203	SG204	SG205	SG206
DATE / TIME	05/30/2000 / 15:35	06/01/2000 / 13:28	06/01/2000 / 13:18	06/01/2000 / 13:22	06/05/2000 / 13:52
DEPTH (ft)	4	4	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	1.2
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30.21	29.97	29.97	29.97	30.09
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.21 U	0.79
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	3.5
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.7	1.9
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	29	42	42	42	24
Tetrachloroethylene	0.26 U	0.26 U	0.81	1.4 E	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	16	18	15	710
Trichloroethylene	0.2 U	0.2 U	3 E	0.15 J	2.1 E

301208

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG207	SG208	SG209	SG209	SG210
FWENC SAMPLE ID	SG207	SG208	SG209	SG809	SG210
DATE / TIME	06/05/2000 / 13:46	06/05/2000 / 13:40	06/05/2000 / 13:34	Duplicate of	06/05/2000 / 11:47
DEPTH (ft)	4	4	4	SG209	4
CONSTITUENT					
1,1,1-Trichloroethane	0.69	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	NA	30.09	30.09	30.09	30.09
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
cis-1,2-Dichloroethylene	4.6	2.6 U	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	NA	24	26	26	29
Tetrachloroethylene	1.2 E	0.77	0.64	0.63	1.4 E
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	59	10 U	10 U	10 U	10 U
Trichloroethylene	180 E	1.3	0.2 U	0.2 U	0.85

301209

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG211	SG212	SG213	SG214	SG215
FWENC SAMPLE ID	SG211	SG212	SG213	SG214	SG215
DATE / TIME	06/05/2000 / 11:38	06/05/2000 / 11:29	06/05/2000 / 11:07	06/05/2000 / 14:03	06/05/2000 / 12:08
DEPTH (ft)	4	4	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.25	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30.09	30.09	30.09	30.09	30.09
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.21	0.21 U
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	10	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	27	28	27	24	26
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.21 J	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	10 U	2300	23	10 U
Trichloroethylene	0.2 U	0.2 U	0.25	27 E	0.2 U

301210

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG216	SG217	SG218	SG219	SG220
FWENC SAMPLE ID	SG216	SG217	SG218	SG219	SG220
DATE / TIME	06/05/2000 / 12:16	06/05/2000 / 12:26	06/05/2000 / 14:20	06/06/2000 / 07:36	06/05/2000 / 14:30
DEPTH (ft)	4	4	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30.09	30.09	30.09	29.83	30.06
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.32	0.24	0.21 U	0.21 U
cis-1,2-Dichloroethylene	2.6 U	93 E	2.6 U	35 E	1.6 J
1,2-Dichloroethylene	2 U	2.8	2 U	2.8	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	26	24	24	16	23
Tetrachloroethylene	0.26 U	0.3	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	48	10 U	33	10 U
Trichloroethylene	0.32	22 E	1.8 E	50 E	3.8 E

301211

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG221	SG222	SG223	SG224	SG225
FWENC SAMPLE ID	SG221	SG222	SG223	SG224	SG225
DATE / TIME	06/05/2000 / 14:12	06/05/2000 / 13:21	06/06/2000 / 07:45	06/06/2000 / 07:54	06/06/2000 / 08:16
DEPTH (ft)	4	4	4	4	2
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30.09	30.09	29.83	29.83	29.83
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.18 J	0.68
cis-1,2-Dichloroethylene	29 E	4.8	2.1 J	7.8	4.7
1,2-Dichloroethylene	1.9 J	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	24	30	16	15	17
Tetrachloroethylene	0.13 J	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	34	11	10 U	26	260
Trichloroethylene	30 E	11 E	7.4 E	11 E	2.1 E

301212

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG226	SG227	SG228	SG229	SG230
FWENC SAMPLE ID	SG226	SG227	SG228	SG229	SG230
DATE / TIME	06/06/2000 / 08:25	06/06/2000 / 08:08	06/06/2000 / 08:33	06/06/2000 / 09:09	06/06/2000 / 09:19
DEPTH (ft)	2	2	4	2	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	29.83	29.83	29.83	29.83	29.83
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	1.4	0.16 J	0.21 U	0.34	0.25
cis-1,2-Dichloroethylene	5.6	36 E	2.6 U	31 E	28 E
1,2-Dichloroethylene	2 U	4.4	2 U	9.1	3.4
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	17	16	17	16	17
Tetrachloroethylene	0.31	12 E	0.26 U	0.12 J	0.35
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	1200	700	10 U	3300	390
Trichloroethylene	5.7	19 E	0.61	300 D	3.6 E

301213

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG230	SG231	SG232	SG233	SG234
FWENC SAMPLE ID	SG730	SG231	SG232	SG233	SG234
DATE / TIME	Duplicate of	06/06/2000 / 09:44	06/06/2000 / 09:31	06/06/2000 / 08:49	06/06/2000 / 08:55
DEPTH (ft)	SG230	2	3	4	2
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.6	0.92
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	22 E	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	29.83	29.83	29.83	29.83	29.83
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.47	0.48	0.61	0.35
cis-1,2-Dichloroethylene	22 E	2600 D	400 E	650 J	160 E
1,2-Dichloroethylene	2.5	50 E	56 E	28 E	7.2
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	17	18	17	17	17
Tetrachloroethylene	0.31	1.5 E	0.26 U	0.24 J	0.26 U
Toluene	1.3 U	3.1	1.3 U	1.3 U	1.3 U
Total FID Volatiles	290	2300	1900	340	100
Trichloroethylene	2.8 E	3100 E	23 E	380 D	64 E

301214

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG001	SG002	SG003	SG004	SG005
FWENC SAMPLE ID	SG001	SG002	SG003	SG004	SG005
DATE / TIME	05/23/2000 / 09:01	05/23/2000 / 09:38	05/24/2000 / 10:20	05/24/2000 / 10:30	05/24/2000 / 10:38
DEPTH (ft)	3.5	2	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	29.82	29.82	NA	NA	NA
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	0	13	NA	NA	NA
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10	10 U	10 U	10 U	10 U
Trichloroethylene	0.2 U	0.2 U	0.14 J	0.2 U	0.2 U

301215

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG006	SG007	SG008	SG009	SG010
FWENC SAMPLE ID	SG006	SG007	SG008	SG009	SG010
DATE / TIME	05/24/2000 / 10:45	05/24/2000 / 10:55	05/23/2000 / 10:15	05/24/2000 / 08:20	05/23/2000 / 10:35
DEPTH (ft)	4	4	2	4	3.75
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	NA	NA	29.81	NA	29.81
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	NA	NA	15	NA	15
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	10 U	11	10 U	36000
Trichloroethylene	0.99	0.36	0.2 U	0.17 J	0.2 U

301216

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG011	SG012	SG013	SG014	SG015
FWENC SAMPLE ID	SG011	SG012	SG013	SG014	SG015
DATE / TIME	05/30/2000 / 11:57	05/24/2000 / 08:45	05/25/2000 / 08:26	05/23/2000 / 10:53	05/23/2000 / 13:43
DEPTH (ft)	4	4	4	2	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30.24	NA	NA	29.81	29.78
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	1.2	1.1	0.21 U	0.21 U
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	23	NA	NA	15	16.7
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	27	10 U	10 U	10 U
Trichloroethylene	4.4 E	24 E	0.2 U	0.2 U	2.3 D

301217

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG016	SG019	SG021	SG022	SG023
FWENC SAMPLE ID	SG016	SG019	SG021	SG022	SG023
DATE / TIME	05/25/2000 / 08:50	05/23/2000 / 13:25	05/24/2000 / 09:55	05/25/2000 / 08:08	05/25/2000 / 09:35
DEPTH (ft)	3.5	4	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.28	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	NA	29.78	NA	NA	NA
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.38	0.21 U	0.21 U	0.21 U
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	3.7	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	NA	16.7	NA	NA	NA
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	10 U	12	10 U	10 U
Trichloroethylene	0.9	7.8 D	0.55	0.2 U	0.2 U

301218

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG024	SG024	SG025	SG026	SG027
FWENC SAMPLE ID	SG024	SG924	SG025	SG026	SG027
DATE / TIME	05/30/2000 / 12:14	Duplicate of	05/23/2000 / 16:00	05/24/2000 / 09:10	05/24/2000 / 09:28
DEPTH (ft)	3	SG024	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	6.3 E	4.3 E	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30.24	30.24	29.72	NA	NA
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.21 U	0.49
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	22
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	22	22	17	NA	NA
Tetrachloroethylene	0.26 U	0.26 U	0.75	0.26 U	0.18 J
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	180	174	10 U	19	12
Trichloroethylene	0.18 J	0.16 J	4.5 E	0.77	4.4 E

301219

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG028	SG029	SG031	SG033	SG034
FWENC SAMPLE ID	SG028	SG029	SG031	SG033	SG034
DATE / TIME	05/25/2000 / 09:18	05/23/2000 / 15:35	05/24/2000 / 13:15	05/25/2000 / 16:42	05/25/2000 / 16:55
DEPTH (ft)	4	4	4	3.5	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	NA	29.74	NA	29.56	29.56
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	1.2	0.21 U	0.21 U
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	NA	17.2	NA	26	26
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	10 U	25	10 U	2500
Trichloroethylene	0.2 U	0.47	0.25	0.54	0.22

301220

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG035	SG036	SG037	SG039	SG040
FWENC SAMPLE ID	SG035	SG036	SG037	SG039	SG040
DATE / TIME	05/23/2000 / 14:35	05/23/2000 / 14:10	05/23/2000 / 15:10	05/24/2000 / 13:35	05/25/2000 / 10:15
DEPTH (ft)	4	4	4	2	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.93	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	40 E	1.8 U
Barometric Pressure (in. Hg)	29.75	29.75	29.74	NA	29.53
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.2 J	0.24	0.94	11 E	0.21 U
cis-1,2-Dichloroethylene	2.6 U	2.6 U	114 D	23 E	2.6 U
1,2-Dichloroethylene	2 U	2 U	2.8	50 E	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	3.8	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	18	18	17.2	NA	24
Tetrachloroethylene	0.26 U	0.26 U	3.8 D	1.3	0.51
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	16	18	41	16000	10 U
Trichloroethylene	0.2 U	0.62	35 D	14000 E	0.43

301221

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG041	SG042	SG044	SG045	SG046
FWENC SAMPLE ID	SG041	SG042	SG044	SG045	SG046
DATE / TIME	05/25/2000 / 13:45	05/30/2000 / 10:10	05/25/2000 / 11:30	05/30/2000 / 10:58	05/30/2000 / 10:35
DEPTH (ft)	3	4	4	4	3
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	29.53	30.34	29.53	30.24	30.24
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.09 J	0.26 U	0.12 J	0.26 U
Chloroform	0.21 U	0.69	0.21 U	0.21 U	0.21 U
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	27	22	27	19	24
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	10 U	13	22	10 U
Trichloroethylene	0.2 U	0.45	0.2 U	0.59	0.2 U

301222

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG047	SG047	SG048	SG049	SG050
FWENC SAMPLE ID	SG047	SG947	SG048	SG049	SG050
DATE / TIME	05/23/2000 / 16:45	Duplicate of	05/24/2000 / 14:35	05/24/2000 / 14:20	05/24/2000 / 13:50
DEPTH (ft)	4	SG047	2	2	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	29.72	29.72	NA	NA	NA
Benzene	1.2 U	1.2 U	14	31	5.9
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.92	0.78	0.24
cis-1,2-Dichloroethylene	1.3	1.5	2.6 U	2.6 U	6.4
1,2-Dichloroethylene	2 U	2 U	2 U	2.6	7
Ethylbenzene	1.2 U	1.2 U	1.2 U	4.8	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.32	1.1 U
Temperature (degrees Celsius)	17	17	NA	NA	NA
Tetrachloroethylene	0.13 J	0.21 J	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	10 U	40000	17000	3100
Trichloroethylene	3.2 E	4.7 E	0.34	0.63	10 E

301223

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG053	SG054	SG055	SG062	SG063
FWENC SAMPLE ID	SG053	SG054	SG055	SG062	SG063
DATE / TIME	05/30/2000 / 13:52	05/24/2000 / 14:50	05/24/2000 / 15:25	05/25/2000 / 11:10	05/30/2000 / 11:31
DEPTH (ft)	4	2	3.5	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.9	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30.24	NA	NA	29.5	30.24
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	2.36	0.21 U	0.21 U	0.21 U
cis-1,2-Dichloroethylene	2.6 U	40 E	2.3 J	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	26	NA	NA	26	21
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	25000	11	10 U	10 U
Trichloroethylene	0.2 U	8.4 E	1.3	0.2 U	0.2 U

301224

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG064	SG065	SG065	SG074	SG075
FWENC SAMPLE ID	SG064	SG065	SG965	SG074	SG075
DATE / TIME	05/30/2000 / 11:10	05/24/2000 / 15:55	Duplicate of	05/31/2000 / 12:13	05/31/2000 / 11:50
DEPTH (ft)	4	3	SG065	3	2
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	4.7	4.4	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30.24	NA	NA	30.18	30.21
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.67	0.63	0.15 J	0.21 U
cis-1,2-Dichloroethylene	2.6 U	90 E	86 E	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	3.6	3.7	2 U	2 U
Ethylbenzene	1.2 U	3.6	2.8	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	21	NA	NA	25	23
Tetrachloroethylene	0.26	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	18	4300	4600	1300	7400
Trichloroethylene	0.25	79 E	81 E	0.17 J	0.2 U

301225

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG076	SG077	SG078	SG079	SG080
FWENC SAMPLE ID	SG076	SG077	SG078	SG079	SG080
DATE / TIME	05/25/2000 / 10:25	05/25/2000 / 10:50	05/25/2000 / 14:07	05/26/2000 / 12:20	05/24/2000 / 16:35
DEPTH (ft)	4	4	4	4	3.5
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	29.53	29.53	29.53	NA	NA
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.21 U	0.7
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	4.9
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	24	25	28	NA	NA
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	10 U	14	10 U	10 U
Trichloroethylene	0.46	0.2 U	0.69	0.2 U	3.6 E

301226

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG082	SG084	SG085	SG086	SG087
FWENC SAMPLE ID	SG082	SG084	SG085	SG086	SG087
DATE / TIME	06/02/2000 / 09:16	05/30/2000 / 14:03	05/26/2000 / 10:51	05/26/2000 / 09:30	05/26/2000 / 08:14
DEPTH (ft)	2	0	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	5.1	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	29.94	30.24	NA	NA	NA
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.21 U	7.4
cis-1,2-Dichloroethylene	520 E	2.6 U	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	23 E	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.8	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	31	25	NA	NA	NA
Tetrachloroethylene	2.9 E	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	3.7	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	1200	10 U	10 U	10 U	11
Trichloroethylene	2200 E	0.2 U	0.6	0.76	5.5 E

301227

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID DATE / TIME DEPTH (ft)	SG088 SG088 05/25/2000 / 14:42 4	SG089 SG089 05/25/2000 / 14:30 4	SG090 SG090 05/26/2000 / 12:37 4	SG090 SG990 Duplicate of SG090	SG091 SG091 05/26/2000 / 10:28 4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	29.56	29.56	NA	NA	NA
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	1	0.21 U	0.21 U	0.21 U	0.21 U
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	28	28	NA	NA	NA
Tetrachloroethylene	0.26 U	0.26 U	0.21 J	0.17 J	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	10	10 U	10 U	16
Trichloroethylene	0.35	2.6 E	1.1	0.96	0.76

301228

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG092	SG093	SG094	SG095	SG097
FWENC SAMPLE ID	SG092	SG093	SG094	SG095	SG097
DATE / TIME	05/26/2000 / 09:00	05/26/2000 / 07:54	06/05/2000 / 15:05	06/05/2000 / 15:01	05/26/2000 / 10:08
DEPTH (ft)	4	4	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	NA	NA	30.06	30.06	NA
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.3	0.31	0.21 U	0.21 U	0.21 U
cis-1,2-Dichloroethylene	2.6 U	24	2.6 U	2.6 U	8.9
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.7	1.2 U	1.2 U	1.8
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	NA	NA	21	21	NA
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	31	38	10 U	10 U	17
Trichloroethylene	69 E	65 E	0.2 U	1.1	16 E

301229

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG098	SG099	SG101	SG103	SG104
FWENC SAMPLE ID	SG098	SG099	SG101	SG103	SG104
DATE / TIME	05/26/2000 / 08:45	05/26/2000 / 07:25	06/05/2000 / 14:57	05/25/2000 / 15:30	05/25/2000 / 15:15
DEPTH (ft)	4	4	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	NA	NA	30.06	29.56	29.56
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.24	0.21 U	0.21 U	0.21 U	0.4
cis-1,2-Dichloroethylene	19	18	2.6 U	2.6 U	5.2
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	2	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	NA	NA	21	27	28
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	19	18	10 U	10 U	14
Trichloroethylene	14 E	15 E	0.19 J	2.8 E	13 E

301230

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG104	SG105	SG106	SG108	SG109
FWENC SAMPLE ID	SG804	SG105	SG106	SG108	SG109
DATE / TIME	Duplicate of	05/25/2000 / 15:30	05/25/2000 / 15:55	06/01/2000 / 14:25	06/01/2000 / 14:15
DEPTH (ft)	SG104	4	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	29.56	29.56	29.56	29.94	29.94
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.28	0.21 U	0.33	0.21 U	0.21 U
cis-1,2-Dichloroethylene	5.7	7.7	31 E	15 E	17 E
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	1.8 J
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	28	27	27	36	37
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	13	13	40	20	25
Trichloroethylene	14 E	15 E	48 E	21 E	23 E

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Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG109	SG110	SG111	SG112	SG113
FWENC SAMPLE ID	SG909	SG110	SG111	SG112	SG113
DATE / TIME	Duplicate of	06/02/2000 / 08:59	06/02/2000 / 09:28	05/31/2000 / 09:26	05/31/2000 / 09:03
DEPTH (ft)	SG109	4	4	4	3
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	29.94	29.94	29.91	30.21	30.18
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.2 J	0.88
cis-1,2-Dichloroethylene	20 E	200 E	82 E	2.6 U	2.6 U
1,2-Dichloroethylene	1.8 J	6.1	2.9	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	37	29	32	21	18
Tetrachloroethylene	0.26 U	0.54	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	24	150	72	10 U	33
Trichloroethylene	28 E	74 E	29 E	0.28	0.38

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Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG115	SG116	SG117	SG119	SG120
FWENC SAMPLE ID	SG115	SG116	SG117	SG119	SG120
DATE / TIME	05/30/2000 / 14:23	05/31/2000 / 09:36	05/31/2000 / 08:51	06/02/2000 / 10:41	06/02/2000 / 10:22
DEPTH (ft)	2	4	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.5	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30.24	30.21	30.21	29.91	29.91
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21	0.3	0.21 U	0.21 U
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	12 E	5.3
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	24	21	17	34	36
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.13 J	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	21	710	15	17
Trichloroethylene	0.2 U	0.17 J	0.38	9.9 E	9.7 E

301233

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG121	SG122	SG123	SG124	SG125
FWENC SAMPLE ID	SG121	SG122	SG123	SG124	SG125
DATE / TIME	06/02/2000 / 10:12	06/02/2000 / 10:01	06/02/2000 / 10:50	06/02/2000 / 10:58	06/02/2000 / 11:06
DEPTH (ft)	4	4	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	29.91	29.91	29.91	29.88	29.88
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.15 J	0.21 U	0.21 U	0.21 U	0.21 U
cis-1,2-Dichloroethylene	2.6 U	2.6 U	4.2	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	37	36	34	36	38
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	11	22	29	100	49
Trichloroethylene	3.3 E	2.5 E	2.7 E	2.1 E	1.1

301234

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG126	SG127	SG128	SG129	SG130
FWENC SAMPLE ID	SG126	SG127	SG128	SG129	SG130
DATE / TIME	06/02/2000 / 11:15	05/31/2000 / 11:10	05/31/2000 / 09:45	05/31/2000 / 08:41	06/01/2000 / 15:04
DEPTH (ft)	3	3	3	3	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.22	0.32	0.18 J	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	29.88	30.21	30.21	30.21	29.94
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.21 U	0.18 J
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	19 E
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	1.3 J
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	40	26	21	16	36
Tetrachloroethylene	0.11 J	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	15	10 U	10 U	10 U	19
Trichloroethylene	1.8 E	2.8 E	0.59	0.2 U	12 E

301235

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG131	SG132	SG133	SG134	SG135
FWENC SAMPLE ID	SG131	SG132	SG133	SG134	SG135
DATE / TIME	06/01/2000 / 14:05	06/01/2000 / 13:59	06/02/2000 / 08:27	06/02/2000 / 08:15	06/02/2000 / 11:27
DEPTH (ft)	4	4	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	1.4	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	29.97	29.97	29.94	29.94	29.88
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.15 J	0.21 U	0.39	0.21 U	0.21 U
cis-1,2-Dichloroethylene	5	8.2 E	3.9	17 E	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	1.6 J	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	36	36	28	26	41
Tetrachloroethylene	0.26 U	0.26 U	0.27	0.11 J	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	11	13	20	19	190
Trichloroethylene	9.5 E	13 E	19 E	11 E	0.68

301236

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG136	SG137	SG138	SG139	SG141
FWENC SAMPLE ID	SG136	SG137	SG138	SG139	SG141
DATE / TIME	06/02/2000 / 11:36	06/02/2000 / 11:43	06/02/2000 / 11:52	05/31/2000 / 10:43	05/31/2000 / 08:30
DEPTH (ft)	4	4	4	4	3
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	29.88	29.88	29.88	30.21	30.21
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.16 J	0.21 U
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	41	42	41	32	16
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.19 J	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	400	23	10 U	10 U	10 U
Trichloroethylene	0.3	0.2	0.21	1.6 E	0.2 U

301237

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG142	SG143	SG144	SG146	SG147
FWENC SAMPLE ID	SG142	SG143	SG144	SG146	SG147
DATE / TIME	05/30/2000 / 14:42	06/01/2000 / 15:12	06/01/2000 / 15:40	06/01/2000 / 13:50	06/01/2000 / 13:41
DEPTH (ft)	2	4	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	1.6 J	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30.24	29.94	29.91	29.97	29.97
Benzene	1.2 U	1.2 U	33 E	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.17 J	0.19 J	0.17 J
cis-1,2-Dichloroethylene	2.6 U	5	46 E	6.7 E	5.5 E
1,2-Dichloroethylene	2 U	2 U	8.9	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	3.6	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	3.3	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	23	38	41	40	42
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	8.8	1.3 U	1.3 U
Total FID Volatiles	10 U	12	2300	11	13
Trichloroethylene	0.2 U	3.4 E	35 E	1.3 E	5.6 E

301238

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG148	SG149	SG150	SG150	SG151
FWENC SAMPLE ID	SG148	SG149	SG150	SG850	SG151
DATE / TIME	06/01/2000 / 10:03	06/01/2000 / 09:41	06/02/2000 / 12:02	Duplicate of	05/31/2000 / 10:12
DEPTH (ft)	4	4	4	SG150	4
CONSTITUENT					
1,1,1-Trichloroethane	0.15 J	0.77	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30	30	29.88	29.88	30.21
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.16 J	0.19 J	0.21 U	0.21 U	0.21 U
cis-1,2-Dichloroethylene	25 E	3.5	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	1.3 J	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	29	24	40	40	22
Tetrachloroethylene	0.25 J	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	22	19	10 U	10 U	10 U
Trichloroethylene	21 E	17 E	0.2 U	0.2 U	0.2 U

301239

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG152	SG153	SG154	SG156	SG157
FWENC SAMPLE ID	SG152	SG153	SG154	SG156	SG157
DATE / TIME	05/31/2000 / 08:18	06/01/2000 / 15:21	06/01/2000 / 00:00	06/01/2000 / 09:03	06/01/2000 / 00:00
DEPTH (ft)	4	4	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	-1.2	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30.21	29.94	NA	30	NA
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.48	0.21 U	0.21 U	0.21 U
cis-1,2-Dichloroethylene	2.6 U	13 E	74 E	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2.3	6.8 E	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	15	40	NA	24	NA
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	120	180	28	10 U
Trichloroethylene	0.2 U	14 E	60 E	0.19 J	1.2 E

301240

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG158	SG159	SG160	SG161	SG162
FWENC SAMPLE ID	SG158	SG159	SG160	SG161	SG162
DATE / TIME	06/01/2000 / 00:00	06/01/2000 / 09:31	06/05/2000 / 09:47	05/31/2000 / 10:30	05/31/2000 / 08:05
DEPTH (ft)	4	4	4	4	3
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.24	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	NA	30	30.09	30.21	30.21
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
cis-1,2-Dichloroethylene	5.2	11 E	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	NA	26	21	26	15
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10	59	10 U	10 U	10 U
Trichloroethylene	7.3 E	17 E	0.2 U	0.2 U	0.2 U

301241

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG163	SG164	SG165	SG166	SG167
FWENC SAMPLE ID	SG163	SG164	SG165	SG166	SG167
DATE / TIME	06/01/2000 / 08:02	06/01/2000 / 08:11	06/01/2000 / 08:21	06/01/2000 / 08:34	06/01/2000 / 07:52
DEPTH (ft)	4	4	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30	30	30	30	30
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.2 J	0.33	0.35	0.37	0.21 U
cis-1,2-Dichloroethylene	7.6 E	2.2 J	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	1.5 J	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	18	19	19	21	18
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	15	10 U	10 U	12	10 U
Trichloroethylene	14 E	2.4 E	0.15 J	7.7 E	1.4 E

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Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG168	SG169	SG170	SG171	SG172
FWENC SAMPLE ID	SG168	SG169	SG170	SG171	SG172
DATE / TIME	06/01/2000 / 07:37	06/02/2000 / 08:06	06/05/2000 / 10:11	06/05/2000 / 10:04	06/05/2000 / 09:56
DEPTH (ft)	4	4	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30	29.94	30.09	30.09	30.09
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	17	26	20	21	21
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	10 U	10 U	10 U	10 U
Trichloroethylene	2.2 E	0.82	0.2 U	0.2 U	0.2 U

301243

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG173	SG174	SG175	SG176	SG177
FWENC SAMPLE ID	SG173	SG174	SG175	SG176	SG177
DATE / TIME	05/30/2000 / 16:25	05/30/2000 / 16:41	05/30/2000 / 15:06	06/05/2000 / 10:18	06/05/2000 / 10:27
DEPTH (ft)	4	4	2.5	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30.21	30.21	30.24	30.09	30.09
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.21 U	0.27
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	26	25	23	21	26
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	10 U	10 U	290	10 U
Trichloroethylene	0.2 U	0.2 U	0.2 U	0.2 U	0.3

301244

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG178	SG179	SG180	SG181	SG182
FWENC SAMPLE ID	SG178	SG179	SG180	SG181	SG182
DATE / TIME	06/05/2000 / 10:35	06/05/2000 / 10:58	06/05/2000 / 10:50	06/05/2000 / 10:43	05/31/2000 / 16:20
DEPTH (ft)	4	4	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30.09	30.09	30.09	30.09	30.09
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	29	27	27	26	31
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	1200	10 U	10 U	10 U
Trichloroethylene	0.2 U	0.18 J	0.2	0.15 J	2.3 E

301245

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID DATE / TIME DEPTH (ft)	SG182 SG882 Duplicate of SG182	SG183 SG183 05/31/2000 / 16:00 4	SG184 SG184 05/31/2000 / 15:51 4	SG185 SG185 05/31/2000 / 15:44 4	SG186 SG186 05/31/2000 / 15:29 4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.83	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30.09	30.09	30.09	30.09	30.12
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.16 J	0.21 U
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	31	31	30	29	29
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	14	10 U	10 U	10 U
Trichloroethylene	2.5 E	0.2 U	0.2 U	1.3 E	0.87

301246

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG187	SG188	SG188	SG189	SG190
FWENC SAMPLE ID	SG187	SG188	SG888	SG189	SG190
DATE / TIME	05/31/2000 / 15:36	05/31/2000 / 15:13	Duplicate of	05/31/2000 / 14:25	06/02/2000 / 07:57
DEPTH (ft)	4	4	SG188	4	3
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.22	0.23	0.96	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	2
Barometric Pressure (in. Hg)	30.09	30.12	30.12	30.15	29.94
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.21 U	0.92
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	65 E
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	21 E
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	30	29	29	34	26
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.29
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	10 U	10 U	10 U	10 U
Trichloroethylene	0.2 U	1	1.1	1.2	420 D

301247

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG191	SG192	SG194	SG195	SG196
FWENC SAMPLE ID	SG191	SG192	SG194	SG195	SG196
DATE / TIME	06/05/2000 / 11:57	05/30/2000 / 16:12	05/31/2000 / 13:49	05/31/2000 / 13:59	05/31/2000 / 14:06
DEPTH (ft)	4	4	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.22
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30.09	30.21	30.15	30.15	30.15
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.17 J	0.21 U	0.21 U	0.21 U	0.21 U
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	26	26	32	34	34
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	10	10 U	10 U	43
Trichloroethylene	0.61	0.2 U	0.2 U	0.2 U	0.3

301248

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG197	SG198	SG199	SG200	SG201
FWENC SAMPLE ID	SG197	SG198	SG199	SG200	SG201
DATE / TIME	05/31/2000 / 14:16	05/31/2000 / 16:27	05/31/2000 / 16:32	05/31/2000 / 16:36	05/30/2000 / 15:51
DEPTH (ft)	4	4	4	4	2
CONSTITUENT					
1,1,1-Trichloroethane	1.6	0.44	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30.15	30.06	30.06	30.06	30.21
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	3.4	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	32	31	31	30	26
Tetrachloroethylene	0.26 U	0.58	2.1	0.15 J	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	282	10 U	66	15	10
Trichloroethylene	3.3 E	3.7 E	0.48	0.2 U	0.2 U

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Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG202	SG203	SG204	SG205	SG206
FWENC SAMPLE ID	SG202	SG203	SG204	SG205	SG206
DATE / TIME	05/30/2000 / 15:35	06/01/2000 / 13:28	06/01/2000 / 13:18	06/01/2000 / 13:22	06/05/2000 / 13:52
DEPTH (ft)	4	4	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	1.2
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30.21	29.97	29.97	29.97	30.09
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.21 U	0.79
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	3.5
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.7	1.9
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	29	42	42	42	24
Tetrachloroethylene	0.26 U	0.26 U	0.81	1.4 E	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	16	18	15	710
Trichloroethylene	0.2 U	0.2 U	3 E	0.15 J	2.1 E

301250

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG207	SG208	SG209	SG209	SG210
FWENC SAMPLE ID	SG207	SG208	SG209	SG809	SG210
DATE / TIME	06/05/2000 / 13:46	06/05/2000 / 13:40	06/05/2000 / 13:34	Duplicate of	06/05/2000 / 11:47
DEPTH (ft)	4	4	4	SG209	4
CONSTITUENT					
1,1,1-Trichloroethane	0.69	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	NA	30.09	30.09	30.09	30.09
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
cis-1,2-Dichloroethylene	4.6	2.6 U	2.6 U	2.6 U	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	NA	24	26	26	29
Tetrachloroethylene	1.2 E	0.77	0.64	0.63	1.4 E
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	59	10 U	10 U	10 U	10 U
Trichloroethylene	180 E	1.3	0.2 U	0.2 U	0.85

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Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG211	SG212	SG213	SG214	SG215
FWENC SAMPLE ID	SG211	SG212	SG213	SG214	SG215
DATE / TIME	06/05/2000 / 11:38	06/05/2000 / 11:29	06/05/2000 / 11:07	06/05/2000 / 14:03	06/05/2000 / 12:08
DEPTH (ft)	4	4	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.25	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30.09	30.09	30.09	30.09	30.09
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.21	0.21 U
cis-1,2-Dichloroethylene	2.6 U	2.6 U	2.6 U	10	2.6 U
1,2-Dichloroethylene	2 U	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	27	28	27	24	26
Tetrachloroethylene	0.26 U	0.26 U	0.26 U	0.21 J	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	10 U	2300	23	10 U
Trichloroethylene	0.2 U	0.2 U	0.25	27 E	0.2 U

301252

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG216	SG217	SG218	SG219	SG220
FWENC SAMPLE ID	SG216	SG217	SG218	SG219	SG220
DATE / TIME	06/05/2000 / 12:16	06/05/2000 / 12:26	06/05/2000 / 14:20	06/06/2000 / 07:36	06/05/2000 / 14:30
DEPTH (ft)	4	4	4	4	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30.09	30.09	30.09	29.83	30.06
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.32	0.24	0.21 U	0.21 U
cis-1,2-Dichloroethylene	2.6 U	93 E	2.6 U	35 E	1.6 J
1,2-Dichloroethylene	2 U	2.8	2 U	2.8	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	26	24	24	16	23
Tetrachloroethylene	0.26 U	0.3	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	10 U	48	10 U	33	10 U
Trichloroethylene	0.32	22 E	1.8 E	50 E	3.8 E

301253

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG221	SG222	SG223	SG224	SG225
FWENC SAMPLE ID	SG221	SG222	SG223	SG224	SG225
DATE / TIME	06/05/2000 / 14:12	06/05/2000 / 13:21	06/06/2000 / 07:45	06/06/2000 / 07:54	06/06/2000 / 08:16
DEPTH (ft)	4	4	4	4	2
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	30.09	30.09	29.83	29.83	29.83
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.21 U	0.21 U	0.18 J	0.68
cis-1,2-Dichloroethylene	29 E	4.8	2.1 J	7.8	4.7
1,2-Dichloroethylene	1.9 J	2 U	2 U	2 U	2 U
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	24	30	16	15	17
Tetrachloroethylene	0.13 J	0.26 U	0.26 U	0.26 U	0.26 U
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	34	11	10 U	26	260
Trichloroethylene	30 E	11 E	7.4 E	11 E	2.1 E

301254

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG226	SG227	SG228	SG229	SG230
FWENC SAMPLE ID	SG226	SG227	SG228	SG229	SG230
DATE / TIME	06/06/2000 / 08:25	06/06/2000 / 08:08	06/06/2000 / 08:33	06/06/2000 / 09:09	06/06/2000 / 09:19
DEPTH (ft)	2	2	4	2	4
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	29.83	29.83	29.83	29.83	29.83
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	1.4	0.16 J	0.21 U	0.34	0.25
cis-1,2-Dichloroethylene	5.6	36 E	2.6 U	31 E	28 E
1,2-Dichloroethylene	2 U	4.4	2 U	9.1	3.4
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	17	16	17	16	17
Tetrachloroethylene	0.31	12 E	0.26 U	0.12 J	0.35
Toluene	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Total FID Volatiles	1200	700	10 U	3300	390
Trichloroethylene	5.7	19 E	0.61	300 D	3.6 E

301255

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-1
SOIL GAS RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	SG230	SG231	SG232	SG233	SG234
FWENC SAMPLE ID	SG730	SG231	SG232	SG233	SG234
DATE / TIME	Duplicate of	06/06/2000 / 09:44	06/06/2000 / 09:31	06/06/2000 / 08:49	06/06/2000 / 08:55
DEPTH (ft)	SG230	2	3	4	2
CONSTITUENT					
1,1,1-Trichloroethane	0.2 U	0.2 U	0.2 U	0.6	0.92
1,1,2-Trichloroethane	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
1,1-Dichloroethylene	1.8 U	22 E	1.8 U	1.8 U	1.8 U
Barometric Pressure (in. Hg)	29.83	29.83	29.83	29.83	29.83
Benzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Chloroform	0.21 U	0.47	0.48	0.61	0.35
cis-1,2-Dichloroethylene	22 E	2600 D	400 E	650 J	160 E
1,2-Dichloroethylene	2.5	50 E	56 E	28 E	7.2
Ethylbenzene	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
m/p-xylene	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U
Methylene chloride	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
o-Xylene	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Temperature (degrees Celsius)	17	18	17	17	17
Tetrachloroethylene	0.31	1.5 E	0.26 U	0.24 J	0.26 U
Toluene	1.3 U	3.1	1.3 U	1.3 U	1.3 U
Total FID Volatiles	290	2300	1900	340	100
Trichloroethylene	2.8 E	3100 E	23 E	380 D	64 E

301256

Notes:
All results in ug/L (except Temperature and Barometric Pressure).

TABLE G-2
PCBs DETECTED IN BUILDING FLOOR DUST
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	BFD01-01	BFD01-02	BFD02-01	BFD02-02	BFD03-01
FWENC SAMPLE ID	CDE-BFD01-01	CDE-BFD01-02	CDE-BFD02-01	CDE-BFD02-02	CDE-BFD03-01
DATE / TIME	05/30/2000 / 15:00	05/30/2000 / 16:00	05/31/2000 / 11:00	05/31/2000 / 13:40	05/31/2000 / 16:09
DEPTH (ft)	0.01	0.01	0.01	0.01	0.01
CONSTITUENT					
Aroclor 1016	170000 U	690000 U	3500 UJ	3500 U	3500 U
Aroclor 1221	350000 U	1400000 U	7000 UJ	7100 U	7000 U
Aroclor 1232	170000 U	690000 U	3500 UJ	3500 U	3500 U
Aroclor 1242	170000 U	690000 U	3500 UJ	3500 U	3500 U
Aroclor 1248	170000 U	690000 U	3500 UJ	3500 U	3500 U
Aroclor 1254	910000 D	8300000 D	20000 JD	18000 D	4900 D
Aroclor 1260	170000 U	690000 U	3500 UJ	3500 U	3500 U

301257

Notes:
All results are in ug/Kg.

TABLE G-2
PCBs DETECTED IN BUILDING FLOOR DUST
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID DATE / TIME DEPTH (ft)	BFD03-02 CDE-BFD03-02 06/01/2000 / 10:00 0.01	BFD05-01 CDE-BFD05-01 06/01/2000 / 16:10 0.01	BFD05-02 CDE-BFD05-02 06/02/2000 / 09:45 0.01	BFD05-03 CDE-BFD05-03 06/02/2000 / 11:10 0.01	BFD06-01 CDE-BFD06-01 06/05/2000 / 15:05 0.01
CONSTITUENT					
Aroclor 1016	3300 U	3300 UJ	3300 UJ	3300 U	4000 UJ
Aroclor 1221	6700 U	6700 UJ	6700 UJ	6700 U	7900 UJ
Aroclor 1232	3300 U	3300 UJ	3300 UJ	3300 U	4000 UJ
Aroclor 1242	3300 U	3300 UJ	3300 UJ	3300 U	4000 UJ
Aroclor 1248	3300 U	3300 UJ	3300 UJ	3300 U	4000 UJ
Aroclor 1254	71000 D	1200000 D	3300000 D	500000 D	2700000 D
Aroclor 1260	3300 U	3300 UJ	3300 UJ	3300 U	4000 UJ

301258

Notes:
All results are in ug/Kg.

TABLE G-2
PCBs DETECTED IN BUILDING FLOOR DUST
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	BFD07-01	BFD08-01	BFD09-01	BFD10-01	BFD11-01
FWENC SAMPLE ID	CDE-BFD07-01	CDE-BFD08-01	CDE-BFD09-01	CDE-BFD-10-01	CDE-BFD11-01
DATE / TIME	06/05/2000 / 12:15	06/06/2000 / 15:15	06/07/2000 / 13:45	06/09/2000 / 09:45	06/06/2000 / 11:50
DEPTH (ft)	0.01	0.01	0.01	0.01	0.01
CONSTITUENT					
Aroclor 1016	3600 UJ	3400 U	3400 U	3400 U	7200 U
Aroclor 1221	7300 UJ	6900 U	6900 U	6800 U	14000 U
Aroclor 1232	3600 UJ	3400 U	3400 U	3400 U	7200 U
Aroclor 1242	3600 UJ	3400 U	3400 U	3400 U	7200 U
Aroclor 1248	3600 UJ	3400 U	3400 U	3400 U	7200 U
Aroclor 1254	29000 JD	9500 D	430000 D	33000 D	45000 DE
Aroclor 1260	3600 UJ	3400 U	3400 U	3400 U	7200 U

301259

Notes:
All results are in ug/Kg.

TABLE G-2
PCBs DETECTED IN BUILDING FLOOR DUST
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID DATE / TIME DEPTH (ft)	BFD12-01 CDE-BFD12-01 06/02/2000 / 15:40 0.01	BFD13-01 CDE-BFD13-01 06/08/2000 / 16:00 0.01	BFD14-01 CDE-BFD14-01 06/07/2000 / 11:15 0.01	BFD15-01 CDE-BFD15-01 06/13/2000 / 12:15 0.01	BFD16-01 CDE-BFD-16-01 06/09/2000 / 11:20 0.01
CONSTITUENT					
Aroclor 1016	3300 U	3500 U	3700 U	340 U	3400 U
Aroclor 1221	6700 U	7100 U	7500 U	670 U	6800 U
Aroclor 1232	3300 U	3500 U	3700 U	340 U	3400 U
Aroclor 1242	3300 U	3500 U	3700 U	340 U	3400 U
Aroclor 1248	3300 U	3500 U	3700 U	340 U	3400 U
Aroclor 1254	13000 D	14000 D	6300 D	8400	51000 D
Aroclor 1260	3300 U	3500 U	3700 U	340 U	3400 U

301260

Notes:
All results are in ug/Kg.

TABLE G-2
PCBs DETECTED IN BUILDING FLOOR DUST
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID DATE / TIME DEPTH (ft)	BFD16-01 CDE-BFD-16-91 Duplicate of CDE-BFD-16-01	BFD18-01 CDE-BFD18-01 06/13/2000 / 10:35 0.01	BFD1A-01 CDE-BFD1A-01 06/12/2000 / 10:30 0.01	BFD1B-01 CDE-BFD01B-01 06/13/2000 / 08:45 0.01	BFD1C-01 CDE-BFD1C-01 06/09/2000 / 14:30 0.01
CONSTITUENT					
Aroclor 1016	3300 U	3400 U	7100 U	3400 U	3400 U
Aroclor 1221	6700 U	6800 U	14000 U	6800 U	6700 U
Aroclor 1232	3300 U	3400 U	7100 U	3400 U	3400 U
Aroclor 1242	3300 U	3400 U	7100 U	3400 U	3400 U
Aroclor 1248	3300 U	3400 U	7100 U	3400 U	3400 U
Aroclor 1254	46000 D	41000 D	130000 D	520000 D	270000 D
Aroclor 1260	3300 U	3400 U	7100 U	3400 U	3400 U

301261

Notes:
All results are in ug/Kg.

TABLE G-2
PCBs DETECTED IN BUILDING FLOOR DUST
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	BFD1D-01	BFD2A-01	BFD4A-01	BFD5A-01	BFD5A-02
FWENC SAMPLE ID	CDE-BFD1D-01	CDE-BFD2A-01	CDE-BFD4A-01	CDE-BFD5A-01	CDE-BFD5A-02
DATE / TIME	06/12/2000 / 09:30	06/07/2000 / 17:00	06/07/2000 / 15:25	06/01/2000 / 12:20	06/01/2000 / 14:55
DEPTH (ft)	0.01	0.01	0.01	0.01	0.01
CONSTITUENT					
Aroclor 1016	3400 U	3400 U	3500 U	3300 U	3300 UJ
Aroclor 1221	6800 U	6800 U	6900 U	6700 U	6700 UJ
Aroclor 1232	3400 U	3400 U	3500 U	3300 U	3300 UJ
Aroclor 1242	3400 U	3400 U	3500 U	3300 U	3300 UJ
Aroclor 1248	3400 U	3400 U	3500 U	3300 U	3300 UJ
Aroclor 1254	14000 D	46000 D	63000 D	190000 D	69000 JD
Aroclor 1260	3400 U	3400 U	3500 U	3300 U	3300 UJ

301262

Notes:
All results are in ug/Kg.

TABLE G-2
PCBs DETECTED IN BUILDING FLOOR DUST
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID DATE / TIME DEPTH (ft)	BFD9A-01 CDE-BFD9A-01 06/06/2000 / 08:50 0.01	BFD9A-01 Duplicate of CDE-BFD9A-01 0.01	BFD9B-01 CDE-BFD9B-01 06/05/2000 / 10:10 0.01	BFD9C-01 CDE-BFD9C-01 06/08/2000 / 10:20 0.01
CONSTITUENT				
Aroclor 1016	3500 U	7100 U	3800 UJ	3400 U
Aroclor 1221	7000 U	14000 U	3800 UJ	6800 U
Aroclor 1232	3500 U	7100 U	3800 UJ	3400 U
Aroclor 1242	3500 U	7100 U	3800 UJ	3400 U
Aroclor 1248	3500 U	7100 U	3800 UJ	3400 U
Aroclor 1254	22000 D	58000 D	5700 JD	28000 D
Aroclor 1260	3500 U	7100 U	3800 UJ	3400 U

301263

Notes:
All results are in ug/Kg.

TABLE G-3
INORGANICS DETECTED IN BUILDING FLOOR DUST
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	BFD01-01	BFD01-02	BFD02-01	BFD02-02	BFD03-01
FWENC SAMPLE ID	CDE-BFD01-01	CDE-BFD01-02	CDE-BFD02-01	CDE-BFD02-02	CDE-BFD03-01
DATE / TIME	05/30/2000 / 15:00	05/30/2000 / 16:00	05/31/2000 / 11:00	05/31/2000 / 13:40	05/31/2000 / 16:09
DEPTH (ft)	0.01	0.01	0.01	0.01	0.01
CONSTITUENT					
Aluminum	6850	4670	11700	10700	5730
Antimony	6.7 B	42.1	12.9	7.9 B	6 B
Arsenic	11.5 J	8.8 J	4.3 J	6.5 J	8.2 J
Barium	3180	5600	2230	1020	1150
Beryllium	0.36 B	0.27 B	0.45 B	0.42 B	0.21 U
Cadmium	105	192	4.8	10.5	8.4
Calcium	36000	41100	77900	74600	23100
Chromium (total)	340	894	59.8	60.5	47.9
Cobalt	19.9	25.5	7.4 B	8.1 B	16.8
Copper	727	7670	227	310	180
Iron	19700	39400	13700	13100	15100
Lead	2720	23000	3140	880	334
Magnesium	8420	5360	6340	12700	4990
Manganese	373	487	331	303	240
Mercury	8.8 J	7.2 J	0.41 J	0.63 J	0.48 J
Nickel	50.5 J	29.8 J	66.4 J	71.5 J	49.9 J
Potassium	2130 J	1580 J	3970 J	6020 J	10200 J
Selenium	0.73 B	0.25 B	0.15 U	1.3	1.6 J
Silver	9.1 J	12.7 J	3.7 J	14.8 J	12.5 J
Sodium	4490 J	2330 J	3950 J	9910 J	12400 J
Thallium	0.14 U	1.4 B	0.52 B	0.61 B	0.15 U
Vanadium	23.8	20.3	17.7	18.9	25.9
Zinc	2770 J	5090 J	2040 J	2280 J	1590 J

301264

Notes:
All results are in mg/Kg.

TABLE G-3
INORGANICS DETECTED IN BUILDING FLOOR DUST
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	BFD03-02	BFD05-01	BFD05-02	BFD05-03	BFD06-01
FWENC SAMPLE ID	CDE-BFD03-02	CDE-BFD05-01	CDE-BFD05-02	CDE-BFD05-03	CDE-BFD06-01
DATE / TIME	06/01/2000 / 10:00	06/01/2000 / 16:10	06/02/2000 / 09:45	06/02/2000 / 11:10	06/05/2000 / 15:05
DEPTH (ft)	0.01	0.01	0.01	0.01	0.01
CONSTITUENT					
Aluminum	5410	14400	16500	20500	10800
Antimony	6.7 B	126	32.9	15.9	9.3 B
Arsenic	6.8 J	20.7 J	11.3 J	9.5 J	12.7 J
Barium	4440	387	330	711	631
Beryllium	0.17 B	0.12 B	0.19 B	0.37 B	0.43 B
Cadmium	7.9	61.1	346	108	45.7
Calcium	42300	14900	22800	24100	47600
Chromium (total)	47.4	258	736	487	91.9
Cobalt	58.6	33.9	26.6	19.3	16.5
Copper	266	23100	31300	42600	7950
Iron	21100	349000	161000	152000	69800
Lead	1440	24600	5340	3880	3090
Magnesium	3840	2870	3350	3810	7640
Manganese	240	1310	1390	1150	561
Mercury	1.3 J	1.8 J	1.1 J	0.28 J	24.4 J
Nickel	65.9 J	240 J	253 J	179 J	79.9 J
Potassium	2880 J	3080 J	6630 J	3180 J	2760 J
Selenium	1.4	9.8 J	6.6 J	5.4 J	3.7 J
Silver	8 J	85.9 J	35.3 J	20.6 J	11.6 J
Sodium	5130 J	2800 J	4800 J	3850 J	5450 J
Thallium	0.46 UJ	8.6 R	4.3 R	5.2 R	2.2 R
Vanadium	14.3	18.5	31	25.2	35.4
Zinc	8440 J	6160 J	5230 J	3610 J	4250 J

301265

Notes:
All results are in mg/Kg.

TABLE G-3
INORGANICS DETECTED IN BUILDING FLOOR DUST
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	BFD07-01	BFD08-01	BFD09-01	BFD10-01	BFD11-01
FWENC SAMPLE ID	CDE-BFD07-01	CDE-BFD08-01	CDE-BFD09-01	CDE-BFD-10-01	CDE-BFD11-01
DATE / TIME	06/05/2000 / 12:15	06/06/2000 / 15:15	06/07/2000 / 13:45	06/09/2000 / 09:45	06/06/2000 / 11:50
DEPTH (ft)	0.01	0.01	0.01	0.01	0.01
CONSTITUENT					
Aluminum	9200	1580 J	5130 J	15000 J	28600 J
Antimony	12.5	4 B	68.7	44.9	6.3 B
Arsenic	8.9 J	8.1 J	11.8 J	22.9 J	11.3 J
Barium	2400	200	4170	820	451
Beryllium	0.52 B	0.08 B	0.18 B	0.21 B	0.23 B
Cadmium	26.3	2.2	40.2	428	40.4
Calcium	16000	6450 J	45300 J	33400 J	19700 J
Chromium (total)	288	48.6 J	115 J	148 J	666 J
Cobalt	19.8	16.2 J	18.3 J	25.3 J	22 J
Copper	314	428 J	1930 J	448 J	401 J
Iron	47900	287000 J	143000 J	68500 J	72700 J
Lead	1080	279 J	1050 J	6800 J	1510 J
Magnesium	4380	1290 J	5170 J	6380 J	4060 J
Manganese	1060	1070 J	882 J	734 J	553 J
Mercury	0.23 J	1.4 J	3.5 J	1.1 J	0.31 J
Nickel	48.8 J	43.5 J	59.5 J	188 J	69.9 J
Potassium	1520 J	689 B	2020 J	3960 J	1440 J
Selenium	5.1 J	1.8 J	0.56 JB	2 J	1.1 J
Silver	2.1 J	5 JN	7.1 J	26.9 J	6.4 JN
Sodium	1210 J	1570 J	14000 J	10500 J	1400 J
Thallium	3 R	17.6 J	5.9 J	2 B	3.6
Vanadium	35	15.6	24	40.6	55.2
Zinc	981 J	883 J	41500 J	3410 J	1490 J

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Notes:
All results are in mg/Kg.

TABLE G-3
INORGANICS DETECTED IN BUILDING FLOOR DUST
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	BFD12-01	BFD13-01	BFD14-01	BFD15-01	BFD16-01
FWENC SAMPLE ID	CDE-BFD12-01	CDE-BFD13-01	CDE-BFD14-01	CDE-BFD15-01	CDE-BFD-16-01
DATE / TIME	06/02/2000 / 15:40	06/08/2000 / 16:00	06/07/2000 / 11:15	06/13/2000 / 12:15	06/09/2000 / 11:20
DEPTH (ft)	0.01	0.01	0.01	0.01	0.01
CONSTITUENT					
Aluminum	155000	3150 J	7520 J	8370 J	11800 J
Antimony	12.2	4.4 B	4.3 B	15.8	2 B
Arsenic	21.6 J	15.3 J	10.1 J	27.9 J	100 J
Barium	2460	661	195	4830	572
Beryllium	0.15 B	0.14 B	0.82 B	0.34 B	0.65 B
Cadmium	14.5	10.6	17.6	33.3	12.2
Calcium	12700	12900 J	10000 J	35200	18100 J
Chromium (total)	471	57.9 J	321 J	523	95.2 J
Cobalt	49.7	8.3 B	117 J	72.4 J	24.7 J
Copper	1650	135 J	3040 J	1410 J	480 J
Iron	382000	9560 J	66100 J	62400	64800 J
Lead	91.7	470 J	407 J	3700	1550 J
Magnesium	3430	2770 J	3290 J	13000 J	8770 J
Manganese	1870	170 J	689 J	579	697 J
Mercury	1.8 J	0.2 JN	1.2 J	4.2	2.8 J
Nickel	253 J	24.3 J	182 J	545	117 J
Potassium	3550 J	3980 J	20300 J	5070 J	1600 J
Selenium	9.6 J	0.63 JB	7.5 J	5.2 J	0.34 UJ
Silver	6.2 J	2.2 J	51.3 J	27 J	7.9 J
Sodium	1040 J	3810 J	20200 J	4280 J	1090 J
Thallium	3 R	0.48 U	4.4	0.46 U	3.3
Vanadium	32.2	18.4	70.9	217	335
Zinc	1100 J	1070 J	996 J	4100	1650 J

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Notes:
All results are in mg/Kg.

TABLE G-3
INORGANICS DETECTED IN BUILDING FLOOR DUST
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	BFD16-01	BFD18-01	BFD1A-01	BFD1B-01	BFD1C-01
FWENC SAMPLE ID	CDE-BFD-16-91	CDE-BFD18-01	CDE-BFD1A-01	CDE-BFD01B-01	CDE-BFD1C-01
DATE / TIME	Duplicate of	06/13/2000 / 10:35	06/12/2000 / 10:30	06/13/2000 / 08:45	06/09/2000 / 14:30
DEPTH (ft)	CDE-BFD-16-01	0.01	0.01	0.01	0.01
CONSTITUENT					
Aluminum	10300 J	7620 J	23700 JE	6370 J	4490 J
Antimony	1.9 B	14.2	64.9 E	3.1 B	1.6 B
Arsenic	87.4 J	6.8 J	10.9 J	44.3 J	4.2 J
Barium	525	315	2410	6250	805
Beryllium	0.55 B	0.26 B	0.17 B	0.27 B	0.22 B
Cadmium	10.2	7.4	48.3	12.2	8.7
Calcium	16000 J	22600	42600 J	67200	50500 J
Chromium (total)	82.7 J	38.9	214 J	139	34.7 J
Cobalt	21.6 J	31 J	33.1 JE	22.2 J	12.5 J
Copper	424 J	454 J	242 J	216 J	70 J
Iron	62600 J	42700	23800 J	18800	23300 J
Lead	1440 J	1300	1630 JE	853	394 J
Magnesium	7750 J	4740 J	7310 J	4080 J	4140 J
Manganese	639 J	362	284 J	220	219 J
Mercury	3 J	0.83	1.4 J	3.1	4.6 J
Nickel	108 J	66	87 J	26.9	10.7 J
Potassium	1470 J	2990 J	5180 JE	1380 J	718 JB
Selenium	0.34 UJ	0.36 UJ	0.36 UJ	0.35 UJ	0.33 UJ
Silver	6.8 J	2.5 J	6.1 JN	4.8 J	2.2 J
Sodium	996 JB	7780 J	8140 J	2680 J	697 JB
Thallium	4.2	0.48 U	0.48 U	0.47 U	1.1 B
Vanadium	285	74.2	20.7	16.1	14.7
Zinc	1500 J	1710	8850 J	7320	693 J

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Notes:
All results are in mg/Kg.

TABLE G-3
INORGANICS DETECTED IN BUILDING FLOOR DUST
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	BFD1D-01	BFD2A-01	BFD4A-01	BFD5A-01	BFD5A-02
FWENC SAMPLE ID	CDE-BFD1D-01	CDE-BFD2A-01	CDE-BFD4A-01	CDE-BFD5A-01	CDE-BFD5A-02
DATE / TIME	06/12/2000 / 09:30	06/07/2000 / 17:00	06/07/2000 / 15:25	06/01/2000 / 12:20	06/01/2000 / 14:55
DEPTH (ft)	0.01	0.01	0.01	0.01	0.01
CONSTITUENT					
Aluminum	1640 JE	7240 J	12300 J	6070	6580
Antimony	931 E	126	10.4 B	4.6 B	5.9 B
Arsenic	5.5 J	20.1 J	11.9 J	5.2	5.4
Barium	682	2550	1240	1210	1620
Beryllium	0.06 B	0.2 B	0.29 B	0.22 B	0.41 B
Cadmium	6.2	65	76.2	5.8	6.9
Calcium	205000 J	32200 J	27000 J	31900	40100
Chromium (total)	24.8 J	158 J	75.9 J	394	180
Cobalt	3.8 BE	106 J	44.4 J	16.6	14.7
Copper	69.8 J	3080 J	562 J	226	262
Iron	5320 J	59200 J	32400 J	20600	23200
Lead	9140 JE	61700 J	1650 J	2370	431
Magnesium	16300 J	3940 J	5570 J	5710	19300
Manganese	98.4 J	626 J	364 J	263	312
Mercury	0.16 J	1.4 JN	1.1 J	0.79 J	0.6 J
Nickel	32.4 J	104	64 J	50.9 J	112 J
Potassium	1360 JE	3860	6060 J	2490 J	2800 J
Selenium	0.35 UJ	1.9 J	1.2 J	1.4 J	1.4 J
Silver	2.7 JN	11.3 J	42.3 J	2.9 J	5.1 J
Sodium	2860 J	12200 J	11300 J	3610 J	4530 J
Thallium	0.47 U	3.4	0.48 U	0.46 UJ	0.45 UJ
Vanadium	4.8 B	49.3	32.7	15.4	27.6
Zinc	1820 J	38400 J	4490 J	2760 J	2660 J

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Notes:
All results are in mg/Kg.

TABLE G-3
INORGANICS DETECTED IN BUILDING FLOOR DUST
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID DATE / TIME DEPTH (ft)	BFD9A-01 CDE-BFD9A-01 06/06/2000 / 08:50 0.01	BFD9A-01 Duplicate of CDE-BFD9A-01 0.01	BFD9B-01 CDE-BFD9B-01 06/05/2000 / 10:10 0.01	BFD9C-01 CDE-BFD9C-01 06/08/2000 / 10:20 0.01
CONSTITUENT				
Aluminum	5800 J	5500 J	5660	5800 J
Antimony	9.2 B	8 B	1.8 B	37.5
Arsenic	16.7 J	13.8 J	2.6	23.3 J
Barium	360	505	145	10000
Beryllium	0.35 B	0.3 B	0.13 B	0.37 B
Cadmium	16.9	17.4	1.9	59.7
Calcium	42200 J	36500 JE	12100	31200 J
Chromium (total)	304 J	264 JE	18.3	344 J
Cobalt	26.5 J	23.6 JE	7.4 B	17.8 J
Copper	873 J	641 J	101	1230 J
Iron	181000 J	151000 JE	9120	80400 J
Lead	1120 J	1110 JE	67.3	1980 J
Magnesium	4980 J	4560 J	3120	10500 J
Manganese	1660 J	1460 JE	175	754 J
Mercury	2.3 J	2.78 J	0.08 JB	4 JN
Nickel	150 J	122 JE	27.8 J	170 J
Potassium	2450 J	2330 JE	2530 J	2490 J
Selenium	2.7 J	2.3 J	0.97 B	2.1 J
Silver	10.8 JN	9 JN	2.1 J	19 J
Sodium	2250 J	2130 J	2080 J	4290 J
Thallium	9.6 J	7.2 J	0.46 UJ	4.2
Vanadium	20.4	20.6	25.6	44.7
Zinc	1900 J	1840 JE	420 J	2190 J

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Notes:
All results are in mg/Kg.

TABLE G-4
VOLATILE ORGANIC COMPOUNDS DETECTED IN TEST PIT SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	TP01 CDE-TP01-01 BZD87 06/07/2000 / 16:25 6.5	TP02 CDE-TP02-01 BZD89 06/08/2000 / 09:00 4	TP03 CDE-TP03-01 BZD93 06/08/2000 / 12:45 1.5	TP03 CDE-TP33-01 BZD94 Duplicate of CDE-TP03-01
CONSTITUENT					
Dichlorodifluoromethane	--	14 UJ	17 UJ	11 U	1000 UJ
Chloromethane	10000	14 U	17 UJ	11 U	1000 U
Vinyl chloride	10	14 U	17 UJ	120 J	1000 U
Bromomethane	200	14 UJ	17 UJ	11 U	1000 U
Chloroethane	--	14 U	17 UJ	11 U	1000 U
Trichlorofluoromethane	--	14 UJ	17 UJ	11 U	1000 U
1,1-Dichloroethylene	60	14 U	17 UJ	11 U	1000 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	14 UJ	17 UJ	11 UJ	1000 U
Acetone	16000	34 J	50 J	65 J	1000 U
Carbon disulfide	32000	14 UJ	16 J	32 J	1000 U
Methyl acetate	--	14 U	17 UJ	11 U	1000 U
Methylene chloride	20	14 U	17 UJ	0.8 J	1000 U
trans-1,2-Dichloroethylene	700	14 U	17 UJ	5 J	1000 U
Methyl tert-butyl ether	--	14 U	17 UJ	11 U	1000 U
1,1-Dichloroethane	10000	14 U	17 UJ	11 U	1000 U
cis-1,2-Dichloroethylene	400	14 U	2 J	250 J	300 J
2-Butanone	50000	14 U	17 UJ	17 J	1000 U
Chloroform	300	14 U	17 UJ	11 U	1000 U
1,1,1-Trichloroethane	2000	14 U	17 UJ	11 U	1000 U
Cyclohexane	--	14 U	17 UJ	11 U	1000 U
Carbon tetrachloride	70	14 UJ	17 UJ	11 U	1000 U
Benzene	30	14 U	2 J	1 J	1000 U
1,2-Dichloroethane	20	14 U	17 UJ	11 U	1000 U
Trichloroethylene	60	37 J	39 J	18 J	63 J
Methylcyclohexane	--	14 U	17 UJ	7 J	1000 U

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Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-4
VOLATILE ORGANIC COMPOUNDS DETECTED IN TEST PIT SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	TP01 CDE-TP01-01 BZD87 06/07/2000 / 16:25 6.5	TP02 CDE-TP02-01 BZD89 06/08/2000 / 09:00 4	TP03 CDE-TP03-01 BZD93 06/08/2000 / 12:45 1.5	TP03 CDE-TP33-01 BZD94 Duplicate of CDE-TP03-01
CONSTITUENT					
1,2-Dichloropropane	30	14 U	17 UJ	11 U	1000 U
Bromodichloromethane	600	14 U	17 UJ	11 U	1000 U
cis-1,3-Dichloropropene	4	14 U	17 UJ	11 U	1000 U
4-Methyl-2-pentanone	50000	14 UJ	17 UJ	11 UJ	1000 U
Toluene	12000	14 UJ	17 UJ	1 J	1000 U
trans-1,3-Dichloropropene	4	14 U	17 UJ	11 U	1000 UJ
1,1,2-Trichloroethane	20	14 U	17 UJ	11 U	1000 U
Tetrachloroethylene	60	14 UJ	24 J	11 UJ	1000 U
2-Hexanone	--	14 UJ	17 UJ	11 UJ	1000 U
Dibromochloromethane	400	14 U	17 UJ	11 U	1000 U
1,2-Dibromoethane	--	14 UJ	17 UJ	11 UJ	1000 U
Chlorobenzene	1000	14 UJ	17 UJ	11 UJ	1000 U
Ethylbenzene	13000	14 UJ	2 J	0.6 J	1000 U
Xylene (total)	67000	14 UJ	9 J	11 UJ	1000 U
Styrene	4000	14 UJ	17 UJ	11 UJ	1000 U
Bromoform	800	14 U	17 UJ	11 U	1000 U
Isopropylbenzene	--	14 UJ	17 UJ	6 J	1000 U
1,1,2,2-Tetrachloroethane	3	14 UJ	17 UJ	11 UJ	1000 U
1,3-Dichlorobenzene	100000	14 UJ	17 UJ	11 UJ	1000 U
1,4-Dichlorobenzene	2000	14 UJ	17 UJ	11 UJ	1000 U
1,2-Dichlorobenzene	17000	14 UJ	17 UJ	11 UJ	1000 U
1,2-Dibromo-3-chloropropane	--	14 UJ	17 UJ	11 UJ	1000 U
1,2,4-Trichlorobenzene	5000	14 UJ	17 UJ	11 UJ	1000 U
Total VOC TICs		279 NJ	1350 NJ	13818 NJ	34340 NJ

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Notes:
All results are in ug/Kg.
Sha[illegible]dicates exceedance of criteria.

TABLE G-4
VOLATILE ORGANIC COMPOUNDS DETECTED IN TEST PIT SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	TP04 CDE-TP04-01 BZE15 06/14/2000 / 10:00 3	TP05 CDE-TP05-01 BZE16 06/14/2000 / 14:50 3	TP06 CDE-TP06-01 BZE12 06/12/2000 / 15:10 8	TP08-01 CDE-TP08-01 BZE03 06/09/2000 / 09:40 1.5
CONSTITUENT					
Dichlorodifluoromethane	--	1800 UJ	1100 UJ	1200 UJ	17 U
Chloromethane	10000	1800 U	1100 U	1200 U	19
Vinyl chloride	10	1800 U	260 J	1200 U	17 U
Bromomethane	200	1800 U	1100 U	1200 U	17 U
Chloroethane	--	1800 U	1100 U	1200 U	17 U
Trichlorofluoromethane	--	1800 U	1100 U	1200 U	17 U
1,1-Dichloroethylene	60	1800 U	1100 U	1200 U	17 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	1800 U	1100 U	1200 U	17 UJ
Acetone	16000	1800 U	1100 U	1200 U	30
Carbon disulfide	32000	1800 U	1100 U	1200 U	17 U
Methyl acetate	--	1800 U	1100 U	1200 U	17 U
Methylene chloride	20	1800 U	1100 U	1200 U	17 U
trans-1,2-Dichloroethylene	700	230 J	1100 U	120 J	17 U
Methyl tert-butyl ether	--	1800 U	1100 U	1200 U	17 U
1,1-Dichloroethane	10000	1800 U	1100 U	1200 U	17 U
cis-1,2-Dichloroethylene	400	10000	7000	4900	4 J
2-Butanone	50000	1800 U	1100 U	1200 U	17 U
Chloroform	300	1800 U	1100 U	1200 U	17 U
1,1,1-Trichloroethane	2000	1800 U	1100 U	1200 U	17 U
Cyclohexane	--	1800 U	1100 U	1200 U	17 U
Carbon tetrachloride	70	1800 U	1100 U	1200 U	17 U
Benzene	30	1800 U	1100 U	1200 U	17 U
1,2-Dichloroethane	20	1800 U	1100 U	1200 U	17 U
Trichloroethylene	60	33000	22000 J	5000	300
Methylcyclohexane	--	1800 U	1100 U	1200 U	17 U

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Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-4
VOLATILE ORGANIC COMPOUNDS DETECTED IN TEST PIT SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	TP04 CDE-TP04-01 BZE15 06/14/2000 / 10:00 3	TP05 CDE-TP05-01 BZE16 06/14/2000 / 14:50 3	TP06 CDE-TP06-01 BZE12 06/12/2000 / 15:10 8	TP08-01 CDE-TP08-01 BZE03 06/09/2000 / 09:40 1.5
CONSTITUENT					
1,2-Dichloropropane	30	1800 U	1100 U	1200 U	17 U
Bromodichloromethane	600	1800 U	1100 U	1200 U	17 U
cis-1,3-Dichloropropene	4	1800 U	1100 U	1200 U	17 U
4-Methyl-2-pentanone	50000	1800 U	1100 U	1200 U	17 U
Toluene	12000	1800 U	31 J	1200 U	17 U
trans-1,3-Dichloropropene	4	1800 UJ	1100 UJ	1200 UJ	17 U
1,1,2-Trichloroethane	20	1800 U	1100 U	1200 U	17 U
Tetrachloroethylene	60	1800 U	44 J	1200 U	17 U
2-Hexanone	--	1800 U	1100 U	1200 U	17 U
Dibromochloromethane	400	1800 U	1100 U	1200 U	17 U
1,2-Dibromoethane	--	1800 U	1100 U	1200 U	17 U
Chlorobenzene	1000	1800 U	1100 U	1200 U	17 U
Ethylbenzene	13000	1800 U	1100 U	1200 U	17 U
Xylene (total)	67000	1800 U	47 J	1200 U	17 U
Styrene	4000	1800 U	1100 U	1200 U	17 U
Bromoform	800	1800 U	1100 U	1200 U	17 U
Isopropylbenzene	--	1800 U	1100 U	1200 U	17 U
1,1,2,2-Tetrachloroethane	3	1800 U	1100 U	1200 U	17 U
1,3-Dichlorobenzene	100000	1800 U	47 J	1200 U	17 U
1,4-Dichlorobenzene	2000	1800 U	140 J	1200 U	17 U
1,2-Dichlorobenzene	17000	1800 U	52 J	1200 U	17 U
1,2-Dibromo-3-chloropropane	--	1800 U	1100 U	1200 U	17 U
1,2,4-Trichlorobenzene	5000	1800 U	12000	1200 U	17 U
Total VOC TICs		U	2800 NJ	U	162 J

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Notes:
All results are in ug/Kg.
Shaded indicates exceedance of criteria.

TABLE G-4
VOLATILE ORGANIC COMPOUNDS DETECTED IN TEST PIT SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	TP08-02 CDE-TP08-02 BZE04 06/09/2000 / 10:10 3.5	TP09 CDE-TP09-01 BZE05 06/09/2000 / 14:40 5	TP10-01 CDE-TP10-01 BZE07 06/12/2000 / 09:20 2	TP10-02 CDE-TP10-02 BZE08 06/12/2000 / 09:45 8
CONSTITUENT					
Dichlorodifluoromethane	--	18 UJ	13 UJ	5500 UJ	12 U
Chloromethane	10000	18 UJ	13 UJ	5500 U	12 U
Vinyl chloride	10	18 UJ	4 J	640 J	12 U
Bromomethane	200	18 UJ	13 UJ	5500 U	12 U
Chloroethane	--	18 UJ	13 UJ	5500 U	12 U
Trichlorofluoromethane	--	18 UJ	13 UJ	5500 U	12 U
1,1-Dichloroethylene	60	18 UJ	13 UJ	5500 U	12 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	18 UJ	13 UJ	5500 U	12 U
Acetone	16000	43 J	79 J	5500 U	30
Carbon disulfide	32000	18 UJ	13 UJ	5500 U	12 U
Methyl acetate	--	18 UJ	13 UJ	5500 U	12 U
Methylene chloride	20	18 UJ	0.9 J	5500 U	12 U
trans-1,2-Dichloroethylene	700	4 J	13 UJ	1400 J	2 J
Methyl tert-butyl ether	--	18 UJ	13 UJ	5500 U	12 U
1,1-Dichloroethane	10000	18 UJ	13 UJ	5500 U	12 U
cis-1,2-Dichloroethylene	400	130 J	12 J	55000	53
2-Butanone	50000	18 UJ	20 J	5500 U	8 J
Chloroform	300	18 UJ	13 UJ	5500 U	12 U
1,1,1-Trichloroethane	2000	18 UJ	13 UJ	5500 U	12 U
Cyclohexane	--	18 UJ	4 J	5500 U	2 J
Carbon tetrachloride	70	18 UJ	13 UJ	5500 U	12 UJ
Benzene	30	18 UJ	7 J	5500 U	12 U
1,2-Dichloroethane	20	18 UJ	13 UJ	5500 U	12 U
Trichloroethylene	60	5300 J	9 J	30000	15
Methylcyclohexane	--	18 UJ	24 J	5500 U	12

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Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-4
VOLATILE ORGANIC COMPOUNDS DETECTED IN TEST PIT SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	TP08-02 CDE-TP08-02 BZE04 06/09/2000 / 10:10 3.5	TP09 CDE-TP09-01 BZE05 06/09/2000 / 14:40 5	TP10-01 CDE-TP10-01 BZE07 06/12/2000 / 09:20 2	TP10-02 CDE-TP10-02 BZE08 06/12/2000 / 09:45 8
CONSTITUENT					
1,2-Dichloropropane	30	18 UJ	13 UJ	5500 U	12 U
Bromodichloromethane	600	18 UJ	13 UJ	5500 U	12 U
cis-1,3-Dichloropropene	4	18 UJ	13 UJ	5500 U	12 U
4-Methyl-2-pentanone	50000	R	13 UJ	5500 U	12 U
Toluene	12000	18 UJ	85 J	5500 U	12 U
trans-1,3-Dichloropropene	4	18 UJ	13 UJ	5500 UJ	12 U
1,1,2-Trichloroethane	20	18 UJ	13 UJ	5500 U	12 U
Tetrachloroethylene	60	R	2 J	5500 U	12 U
2-Hexanone	--	R	13 UJ	5500 U	12 U
Dibromochloromethane	400	18 UJ	13 UJ	5500 U	12 U
1,2-Dibromoethane	--	R	13 UJ	5500 U	12 U
Chlorobenzene	1000	R	920 J	5500 U	14
Ethylbenzene	13000	R	430 J	5500 U	0.7 J
Xylene (total)	67000	R	2400 J	5500 U	3 J
Styrene	4000	R	13 UJ	5500 U	12 U
Bromoform	800	18 UJ	13 UJ	5500 U	12 U
Isopropylbenzene	--	R	110 J	5500 U	1 J
1,1,2,2-Tetrachloroethane	3	R	13 UJ	5500 U	12 U
1,3-Dichlorobenzene	100000	R	320 J	5500 U	6 J
1,4-Dichlorobenzene	2000	R	680 J	5500 U	11 J
1,2-Dichlorobenzene	17000	R	150 J	5500 U	0.5 J
1,2-Dibromo-3-chloropropane	--	R	13 UJ	5500 U	12 U
1,2,4-Trichlorobenzene	5000	R	1200 J	5900	12 U
Total VOC TICs		169 J	1943 NJ	3000 NJ	319 NJ

301276

Notes:
All results are in ug/Kg.
Shad[illegible]dicates exceedance of criteria.

TABLE G-5
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN TEST PIT SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	TP01 CDE-TP01-01 BZD87 06/07/2000 / 16:25 6.5	TP02 CDE-TP02-01 BZD89 06/08/2000 / 09:00 4	TP03 CDE-TP03-01 BZD93 06/08/2000 / 12:45 1.5	TP03 CDE-TP33-01 BZD94 Duplicate of CDE-TP03-01
CONSTITUENT					
Benzaldehyde	--	770 UJ	16000 UJ	12000 UJ	12000 UJ
Phenol	50000	770 U	1200 J	12000 UJ	12000 U
Bis(2-chloroethyl)ether	0.4	770 U	16000 U	12000 UJ	12000 U
2-Chlorophenol	4000	770 U	16000 U	12000 UJ	12000 U
2-Methylphenol	15000	770 U	16000 U	12000 UJ	12000 U
Bis(2-chloro-1-methylethyl) ether	10000	770 U	16000 U	12000 UJ	12000 U
Acetophenone	--	130 J	590 J	12000 UJ	12000 U
4-Methylphenol	2800000	770 U	16000 U	12000 UJ	12000 U
N-Nitroso-di-n-propylamine	0.05	770 U	16000 U	12000 UJ	12000 U
Hexachloroethane	500	770 U	16000 U	12000 UJ	12000 U
Nitrobenzene	100	770 U	16000 U	12000 UJ	12000 U
Isophorone	500	770 U	16000 U	12000 UJ	12000 U
2-Nitrophenol	--	770 U	16000 U	12000 UJ	12000 U
2,4-Dimethylphenol	9000	770 U	760 J	12000 UJ	12000 U
Bis(2-chloroethoxy)methane	--	770 U	16000 U	12000 UJ	12000 U
2,4-Dichlorophenol	1000	770 U	16000 U	12000 UJ	12000 U
Naphthalene	84000	240 J	11000 J	12000 UJ	12000 U
4-Chloroaniline	700	770 U	16000 U	12000 UJ	12000 U
Hexachlorobutadiene	1000	770 U	16000 U	12000 UJ	12000 U
Caprolactam	--	770 U	16000 U	12000 UJ	12000 U
4-Chloro-3-methylphenol	100000	770 U	16000 U	12000 UJ	12000 U
2-Methylnaphthalene	--	420 J	2800 J	12000 UJ	12000 U

301277

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-5
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN TEST PIT SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	TP01 CDE-TP01-01 BZD87 06/07/2000 / 16:25 6.5	TP02 CDE-TP02-01 BZD89 06/08/2000 / 09:00 4	TP03 CDE-TP03-01 BZD93 06/08/2000 / 12:45 1.5	TP03 CDE-TP33-01 BZD94 Duplicate of CDE-TP03-01
CONSTITUENT					
Hexachlorocyclopentadiene	10000	770 U	16000 U	12000 UJ	12000 U
2,4,6-Trichlorophenol	200	770 U	16000 U	12000 UJ	12000 U
2,4,5-Trichlorophenol	50000	1900 U	40000 U	29000 UJ	30000 U
Biphenyl, 1,1-	--	90 J	700 J	12000 UJ	12000 U
2-Chloronaphthalene	--	770 U	16000 U	12000 UJ	12000 U
2-Nitroaniline	--	1900 U	40000 U	29000 UJ	30000 U
Dimethyl phthalate	50000	770 U	16000 U	12000 UJ	12000 U
2,6-Dinitrotoluene	0.7	770 U	16000 U	12000 UJ	12000 U
Acenaphthylene	--	770 U	1400 J	12000 UJ	12000 U
3-Nitroaniline	--	1900 U	40000 U	29000 UJ	30000 U
Acenaphthene	100000	510 J	22000	850 J	800 J
2,4-Dinitrophenol	200	1900 U	40000 U	29000 UJ	30000 U
4-Nitrophenol	--	1900 U	40000 U	29000 UJ	30000 U
Dibenzofuran	--	310 J	5900 J	12000 UJ	12000 U
2,4-Dinitrotoluene	0.8	770 U	16000 U	12000 UJ	12000 U
Diethyl phthalate	50000	770 U	52000	12000 UJ	12000 U
Fluorene	100000	400 J	15000 J	1600 J	730 J
4-Chlorophenyl phenyl ether	--	770 U	16000 U	12000 UJ	12000 U
4-Nitroaniline	--	1900 U	40000 U	29000 UJ	30000 U
4,6-Dinitro-2-methylphenol	--	1900 U	40000 U	29000 UJ	30000 U
N-Nitrosodiphenylamine	1000	770 U	16000 U	12000 UJ	12000 U
Hexachlorobenzene	300	770 U	16000 U	12000 UJ	12000 U

301278

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-5
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN TEST PIT SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	TP01 CDE-TP01-01 BZD87 06/07/2000 / 16:25 6.5	TP02 CDE-TP02-01 BZD89 06/08/2000 / 09:00 4	TP03 CDE-TP03-01 BZD93 06/08/2000 / 12:45 1.5	TP03 CDE-TP33-01 BZD94 Duplicate of CDE-TP03-01
CONSTITUENT					
Atrazine	--	770 UJ	16000 UJ	12000 UJ	12000 UJ
Pentachlorophenol	30	1900 U	40000 U	29000 UJ	30000 U
Phenanthrene	--	5700	250000 D	12000 UJ	3200 J
Anthracene	100000	970	44000	12000 UJ	1100 J
Carbazole	600	300 J	23000	12000 UJ	12000 U
Di-n-butyl phthalate	100000	770 U	47000	12000 UJ	12000 U
Fluoranthene	100000	5600	390000 D	12000 UJ	4800 J
Pyrene	100000	1300	120000	4800 J	13000
Butyl benzyl phthalate	100000	770 U	16000 U	12000 UJ	12000 U
3,3'-Dichlorobenzidine	7	770 U	16000 U	12000 UJ	12000 U
Benzo(a)anthracene	600	2000	170000 D	2100 J	2400 J
Chrysene	9000	1800	170000 D	2100 J	4800 J
bis(2-Ethylhexyl) phthalate	35000	770 U	16000 U	12000 UJ	12000 U
Di-n-octyl phthalate	100000	770 U	16000 U	12000 UJ	12000 U
Benzo(b)fluoranthene	600	1700	180000 D	12000 UJ	3900 J
Benzo(k)fluoranthene	900	740 J	73000	12000 UJ	1300 J
Benzo(a)pyrene	60	260 J	42000	12000 UJ	4200 J
Indeno(1,2,3-cd)pyrene	600	230 J	38000	12000 UJ	2500 J
Dibenzo(a,h)anthracene	60	75 J	23000	12000 UJ	12000 U
Benzo(g,h,i)perylene	--	770 U	2700 J	12000 UJ	12000 U
4-Bromophenyl-phenylether	--	770 U	16000 U	12000 UJ	12000 U
Total SVOC TICs		8240 NJ	453400 NJ	293700 NJ	135000 NJ

301279

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-5
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN TEST PIT SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	TP04 CDE-TP04-01 BZE15 06/14/2000 / 10:00 3	TP05 CDE-TP05-01 BZE16 06/14/2000 / 14:50 3	TP06 CDE-TP06-01 BZE12 06/12/2000 / 15:10 8	TP08-01 CDE-TP08-01 BZE03 06/09/2000 / 09:40 1.5
CONSTITUENT					
Benzaldehyde	--	370 UJ	7100 UJ	13000 UJ	1300 UJ
Phenol	50000	370 U	7100 U	13000 U	1300 U
Bis(2-chloroethyl)ether	0.4	370 U	7100 U	13000 U	1300 U
2-Chlorophenol	4000	370 U	7100 U	13000 U	1300 U
2-Methylphenol	15000	370 U	7100 U	13000 U	1300 U
Bis(2-chloro-1-methylethyl) ether	10000	370 U	7100 U	13000 U	1300 U
Acetophenone	--	34 J	7100 U	13000 U	1300 U
4-Methylphenol	2800000	370 U	7100 U	13000 U	1300 U
N-Nitroso-di-n-propylamine	0.05	370 U	7100 U	13000 U	1300 U
Hexachloroethane	500	370 U	7100 U	13000 U	1300 U
Nitrobenzene	100	370 U	7100 U	13000 U	1300 U
Isophorone	500	370 U	7100 U	13000 U	1300 U
2-Nitrophenol	--	370 U	7100 U	13000 U	1300 U
2,4-Dimethylphenol	9000	370 U	7100 U	13000 U	1300 U
Bis(2-chloroethoxy)methane	--	370 U	7100 U	13000 U	1300 U
2,4-Dichlorophenol	1000	370 U	7100 U	13000 U	1300 U
Naphthalene	84000	74 J	7100 U	13000 U	1300 U
4-Chloroaniline	700	370 U	7100 U	13000 U	1300 U
Hexachlorobutadiene	1000	370 U	7100 U	13000 U	1300 U
Caprolactam	--	370 U	7100 U	13000 U	1300 U
4-Chloro-3-methylphenol	100000	370 U	7100 U	13000 U	1300 U
2-Methylnaphthalene	--	110 J	7100 U	13000 U	1300 U

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Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-5
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN TEST PIT SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	TP04 CDE-TP04-01 BZE15 06/14/2000 / 10:00 3	TP05 CDE-TP05-01 BZE16 06/14/2000 / 14:50 3	TP06 CDE-TP06-01 BZE12 06/12/2000 / 15:10 8	TP08-01 CDE-TP08-01 BZE03 06/09/2000 / 09:40 1.5
CONSTITUENT					
Hexachlorocyclopentadiene	10000	370 U	7100 U	13000 U	1300 U
2,4,6-Trichlorophenol	200	370 U	7100 U	13000 U	1300 U
2,4,5-Trichlorophenol	50000	920 U	18000 U	32000 U	3200 U
Biphenyl, 1,1-	--	25 J	7100 U	13000 U	1300 U
2-Chloronaphthalene	--	370 U	7100 U	13000 U	1300 U
2-Nitroaniline	--	920 U	18000 U	32000 U	3200 U
Dimethyl phthalate	50000	370 U	7100 U	13000 U	1300 U
2,6-Dinitrotoluene	0.7	370 U	7100 U	13000 U	1300 U
Acenaphthylene	--	370 U	7100 U	13000 U	1300 U
3-Nitroaniline	--	920 U	18000 U	32000 U	3200 U
Acenaphthene	100000	370 U	7100 U	13000 U	1300 U
2,4-Dinitrophenol	200	920 U	18000 U	32000 U	3200 U
4-Nitrophenol	--	920 U	18000 U	32000 U	3200 U
Dibenzofuran	--	30 J	7100 U	13000 U	1300 U
2,4-Dinitrotoluene	0.8	370 U	7100 U	13000 U	1300 U
Diethyl phthalate	50000	370 U	7100 U	13000 U	1300 U
Fluorene	100000	370 U	7100 U	13000 U	1300 U
4-Chlorophenyl phenyl ether	--	370 U	7100 U	13000 U	1300 U
4-Nitroaniline	--	920 U	18000 UJ	32000 U	3200 U
4,6-Dinitro-2-methylphenol	--	920 U	18000 U	32000 U	3200 U
N-Nitrosodiphenylamine	1000	370 U	7100 U	13000 U	1300 U
Hexachlorobenzene	300	370 U	7100 U	13000 U	1300 U

301281

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-5
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN TEST PIT SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	TP04 CDE-TP04-01 BZE15 06/14/2000 / 10:00 3	TP05 CDE-TP05-01 BZE16 06/14/2000 / 14:50 3	TP06 CDE-TP06-01 BZE12 06/12/2000 / 15:10 8	TP08-01 CDE-TP08-01 BZE03 06/09/2000 / 09:40 1.5
CONSTITUENT					
Atrazine	--	370 UJ	R	13000 UJ	1300 UJ
Pentachlorophenol	30	920 U	18000 U	1300 J	3200 U
Phenanthrene	--	240 J	7100 U	1500 J	33 J
Anthracene	100000	370 U	7100 U	420 J	1300 U
Carbazole	600	370 U	7100 U	13000 U	1300 U
Di-n-butyl phthalate	100000	370 U	7100 U	13000 U	1300 U
Fluoranthene	100000	170 J	310 J	3400 J	1300 U
Pyrene	100000	140 J	410 J	3100 J	1300 U
Butyl benzyl phthalate	100000	370 U	7100 U	13000 U	1300 U
3,3'-Dichlorobenzidine	7	370 U	7100 UJ	13000 U	1300 U
Benzo(a)anthracene	600	140 J	290 J	2600 J	1300 U
Chrysene	9000	330 J	400 J	3300 J	1300 U
bis(2-Ethylhexyl) phthalate	35000	44 J	7100 U	13000 U	1300 U
Di-n-octyl phthalate	100000	370 U	7100 U	13000 U	1300 U
Benzo(b)fluoranthene	600	230 J	600 J	3200 J	1300 U
Benzo(k)fluoranthene	900	58 J	150 J	1200 J	1300 U
Benzo(a)pyrene	60	130 J	420 J	2400 J	1300 U
Indeno(1,2,3-cd)pyrene	600	91 J	470 J	1500 J	1300 U
Dibenzo(a,h)anthracene	60	41 J	7100 U	13000 U	1300 U
Benzo(g,h,i)perylene	--	110 J	390 J	1600 J	1300 U
4-Bromophenyl-phenylether	--	370 U	7100 U	13000 U	1300 U
Total SVOC TICs		1690 J	119500 NJ	17480100 NJ	2490900 NJ

301282

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-5
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN TEST PIT SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	TP08-02 CDE-TP08-02 BZE04 06/09/2000 / 10:10 3.5	TP09 CDE-TP09-01 BZE05 06/09/2000 / 14:40 5	TP10-01 CDE-TP10-01 BZE07 06/12/2000 / 09:20 2	TP10-02 CDE-TP10-02 BZE08 06/12/2000 / 09:45 8
CONSTITUENT					
Benzaldehyde	--	9700 UJ	26000 UJ	1300 UJ	390 U
Phenol	50000	9700 U	26000 U	1300 U	390 U
Bis(2-chloroethyl)ether	0.4	9700 U	26000 U	1300 U	390 U
2-Chlorophenol	4000	9700 U	26000 U	1300 U	390 U
2-Methylphenol	15000	9700 U	26000 U	1300 U	390 U
Bis(2-chloro-1-methylethyl) ether	10000	9700 U	26000 U	1300 U	390 U
Acetophenone	--	9700 U	26000 U	1300 U	390 U
4-Methylphenol	2800000	9700 U	26000 U	1300 U	390 U
N-Nitroso-di-n-propylamine	0.05	9700 U	26000 U	1300 U	390 U
Hexachloroethane	500	9700 U	26000 U	1300 U	390 U
Nitrobenzene	100	9700 U	26000 U	1300 U	390 U
Isophorone	500	9700 U	26000 U	1300 U	390 U
2-Nitrophenol	--	9700 U	26000 U	1300 U	390 U
2,4-Dimethylphenol	9000	9700 U	26000 U	1300 U	390 U
Bis(2-chloroethoxy)methane	--	9700 U	26000 U	1300 U	390 U
2,4-Dichlorophenol	1000	9700 U	26000 U	1300 U	390 U
Naphthalene	84000	260 J	26000 U	170 J	100 J
4-Chloroaniline	700	9700 U	26000 U	1300 U	390 U
Hexachlorobutadiene	1000	9700 U	26000 U	1300 U	390 U
Caprolactam	--	9700 U	26000 U	1300 U	390 U
4-Chloro-3-methylphenol	100000	9700 U	26000 U	1300 U	390 U
2-Methylnaphthalene	--	420 J	26000 U	340 J	390 U

301283

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-5
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN TEST PIT SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	TP08-02 CDE-TP08-02 BZE04 06/09/2000 / 10:10 3.5	TP09 CDE-TP09-01 BZE05 06/09/2000 / 14:40 5	TP10-01 CDE-TP10-01 BZE07 06/12/2000 / 09:20 2	TP10-02 CDE-TP10-02 BZE08 06/12/2000 / 09:45 8
CONSTITUENT					
Hexachlorocyclopentadiene	10000	9700 U	26000 U	1300 U	390 U
2,4,6-Trichlorophenol	200	9700 U	26000 U	1300 U	390 U
2,4,5-Trichlorophenol	50000	24000 U	66000 U	3200 U	990 U
Biphenyl, 1,1-	--	9700 U	3500 J	140 J	390 U
2-Chloronaphthalene	--	9700 U	26000 U	59 J	170 J
2-Nitroaniline	--	24000 U	66000 U	3200 U	990 U
Dimethyl phthalate	50000	9700 U	26000 U	1300 U	390 U
2,6-Dinitrotoluene	0.7	9700 U	26000 U	1300 U	390 U
Acenaphthylene	--	9700 U	26000 U	1300 U	390 U
3-Nitroaniline	--	24000 U	66000 U	3200 U	990 UJ
Acenaphthene	100000	9700 U	26000 U	66 J	390 U
2,4-Dinitrophenol	200	24000 U	66000 U	3200 U	990 U
4-Nitrophenol	--	24000 U	66000 U	3200 U	990 U
Dibenzofuran	--	9700 U	26000 U	1300 U	390 U
2,4-Dinitrotoluene	0.8	9700 U	26000 U	1300 U	390 U
Diethyl phthalate	50000	9700 U	26000 U	1300 U	390 U
Fluorene	100000	9700 U	26000 U	1300 U	390 U
4-Chlorophenyl phenyl ether	--	9700 U	26000 U	1300 U	390 U
4-Nitroaniline	--	24000 UJ	66000 U	3200 U	990 U
4,6-Dinitro-2-methylphenol	--	24000 U	66000 U	3200 U	990 U
N-Nitrosodiphenylamine	1000	9700 U	26000 U	1300 U	390 U
Hexachlorobenzene	300	9700 U	26000 U	1300 U	390 U

301284

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-5
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN TEST PIT SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	TP08-02 CDE-TP08-02 BZE04 06/09/2000 / 10:10 3.5	TP09 CDE-TP09-01 BZE05 06/09/2000 / 14:40 5	TP10-01 CDE-TP10-01 BZE07 06/12/2000 / 09:20 2	TP10-02 CDE-TP10-02 BZE08 06/12/2000 / 09:45 8
CONSTITUENT					
Atrazine	--	9700 UJ	26000 UJ	1300 UJ	390 U
Pentachlorophenol	30	24000 U	66000 U	3200 U	990 U
Phenanthrene	--	670 J	26000 U	620 J	390 U
Anthracene	100000	9700 U	26000 U	84 J	390 U
Carbazole	600	9700 U	26000 U	48 J	390 UJ
Di-n-butyl phthalate	100000	9700 U	26000 U	1300 U	390 U
Fluoranthene	100000	9700 U	26000 U	340 J	390 U
Pyrene	100000	9700 U	26000 U	570 J	390 U
Butyl benzyl phthalate	100000	9700 U	26000 U	1300 U	390 U
3,3'-Dichlorobenzidine	7	9700 UJ	26000 U	1300 U	390 U
Benzo(a)anthracene	600	9700 U	26000 U	480 J	390 U
Chrysene	9000	9700 U	26000 U	840 J	390 U
bis(2-Ethylhexyl) phthalate	35000	9700 U	26000 U	1300 U	390 U
Di-n-octyl phthalate	100000	9700 U	26000 U	1300 U	390 U
Benzo(b)fluoranthene	600	9700 U	26000 U	480 J	390 U
Benzo(k)fluoranthene	900	9700 U	26000 U	160 J	390 U
Benzo(a)pyrene	60	9700 U	26000 U	380 J	390 U
Indeno(1,2,3-cd)pyrene	600	9700 U	26000 U	230 J	390 U
Dibenzo(a,h)anthracene	60	9700 U	26000 U	170 J	390 U
Benzo(g,h,i)perylene	--	9700 U	26000 U	290 J	390 U
4-Bromophenyl-phenylether	--	9700 U	26000 U	1300 U	390 U
Total SVOC TICs		3686100 NJ	14484000 NJ	372000 NJ	9373 NJ

301285

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-6
PESTICIDES AND PCBs DETECTED IN TEST PIT SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	TP01 CDE-TP01-01 BZD87 06/07/2000 / 16:25 6.5	TP02 CDE-TP02-01 BZD89 06/08/2000 / 09:00 4	TP03 CDE-TP03-01 BZD93 06/08/2000 / 12:45 1.5	TP03 CDE-TP33-01 BZD94 Duplicate of CDE-TP03-01
CONSTITUENT					
alpha-BHC	0.5	R	R	R	R
delta-BHC	--	R	R	R	R
gamma-BHC (Lindane)	9	R	R	R	R
beta-BHC	3	R	R	R	R
Heptachlor	100	R	R	R	R
Aldrin	40	R	R	9.4 NJ	R
Heptachlor epoxide	70	R	R	R	R
Endosulfan I	18000	R	R	R	R
Dieldrin	4	R	R	3.8 UJ	3.9 UJ
4,4'-DDE	2000	R	R	3.8 UJ	3.9 UJ
Endrin	1000	R	R	R	R
Endosulfan II	18000	R	R	R	R
4,4'-DDD	3000	3.8 UJ	R	3.8 UJ	3.9 UJ
Endosulfan sulfate	--	R	53 UJ	R	R
4,4'-DDT	2000	3.8 UJ	R	5.2 J	2.8 J
Methoxychlor	50000	32 J	R	67 J	20 UJ
Endrin ketone	--	13 NJ	R	R	3.9 UJ
Endrin aldehyde	--	R	R	3.8 UJ	3.9 UJ
alpha-Chlordane	2000	R	R	R	R
gamma-Chlordane	2000	2 UJ	R	R	R
Toxaphene	100	R	R	R	R

301286

Notes:
All results are in ug/Kg (except for Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-6
PESTICIDES AND PCBs DETECTED IN TEST PIT SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	TP01 CDE-TP01-01 BZD87 06/07/2000 / 16:25 6.5	TP02 CDE-TP02-01 BZD89 06/08/2000 / 09:00 4	TP03 CDE-TP03-01 BZD93 06/08/2000 / 12:45 1.5	TP03 CDE-TP33-01 BZD94 Duplicate of CDE-TP03-01
CONSTITUENT					
Aroclor 1016	490	R	R	R	R
Aroclor 1221	490	R	R	R	R
Aroclor 1232	490	R	R	R	R
Aroclor 1242	490	R	R	R	R
Aroclor 1248	490	R	R	410 J	39 UJ
Aroclor 1254	490	640 J	49000 JD	R	R
Aroclor 1260	490	R	R	R	R
Total PCBs PPM		0.64	49	0.41	U

301287

Notes:
All results are in ug/Kg (except for Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-6
PESTICIDES AND PCBs DETECTED IN TEST PIT SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	TP04 CDE-TP04-01 BZE15 06/14/2000 / 10:00 3	TP05 CDE-TP05-01 BZE16 06/14/2000 / 14:50 3	TP06 CDE-TP06-01 BZE12 06/12/2000 / 15:10 8	TP08-01 CDE-TP08-01 BZE03 06/09/2000 / 09:40 1.5
CONSTITUENT					
alpha-BHC	0.5	1.9 UJ	200 UJ	2200 UJ	22 UJ
delta-BHC	--	1.9 UJ	200 UJ	2200 UJ	22 UJ
gamma-BHC (Lindane)	9	1.9 UJ	200 UJ	2200 UJ	22 UJ
beta-BHC	3	1.9 UJ	200 UJ	2200 UJ	22 UJ
Heptachlor	100	1.9 UJ	200 UJ	2200 UJ	22 UJ
Aldrin	40	1.9 UJ	200 UJ	2200 UJ	22 UJ
Heptachlor epoxide	70	1.9 UJ	200 UJ	2200 UJ	22 UJ
Endosulfan I	18000	1.9 UJ	200 UJ	2200 UJ	22 UJ
Dieldrin	4	3.7 UJ	390 UJ	R	42 UJ
4,4'-DDE	2000	3.7 UJ	390 UJ	4200 UJ	42 UJ
Endrin	1000	3.7 UJ	390 UJ	4200 UJ	42 UJ
Endosulfan II	18000	3.7 UJ	390 UJ	4200 UJ	42 UJ
4,4'-DDD	3000	3.7 UJ	R	R	42 UJ
Endosulfan sulfate	--	19 JN	390 UJ	4200 UJ	42 UJ
4,4'-DDT	2000	3.7 UJ	390 UJ	4200 UJ	42 UJ
Methoxychlor	50000	19 UJ	2000 UJ	22000 UJ	220 UJ
Endrin ketone	--	R	390 UJ	4200 UJ	42 UJ
Endrin aldehyde	--	200 JD	3700 NJ	16000 NJ	1600 NJD
alpha-Chlordane	2000	1.9 UJ	200 UJ	2200 UJ	22 UJ
gamma-Chlordane	2000	R	R	R	R
Toxaphene	100	190 UJ	20000 UJ	220000 UJ	2200 UJ

301288

Notes:
All results are in ug/Kg (except for Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-6
PESTICIDES AND PCBs DETECTED IN TEST PIT SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	TP04 CDE-TP04-01 BZE15 06/14/2000 / 10:00 3	TP05 CDE-TP05-01 BZE16 06/14/2000 / 14:50 3	TP06 CDE-TP06-01 BZE12 06/12/2000 / 15:10 8	TP08-01 CDE-TP08-01 BZE03 06/09/2000 / 09:40 1.5
CONSTITUENT					
Aroclor 1016	490	37 UJ	3900 UJ	42000 UJ	420 UJ
Aroclor 1221	490	74 UJ	8000 UJ	86000 UJ	860 UJ
Aroclor 1232	490	37 UJ	3900 UJ	42000 UJ	420 UJ
Aroclor 1242	490	37 UJ	3900 UJ	42000 UJ	420 UJ
Aroclor 1248	490	37 UJ	1700000 JD	42000 UJ	420 UJ
Aroclor 1254	490	21000 JD	1300000 JD	6600000 JD	310000 JD
Aroclor 1260	490	37 UJ	3900 UJ	42000 UJ	420 UJ
Total PCBs PPM		21	3000	6600	310

301289

Notes:
All results are in ug/Kg (except for Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-6
PESTICIDES AND PCBs DETECTED IN TEST PIT SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	TP08-02 CDE-TP08-02 BZE04 06/09/2000 / 10:10 3.5	TP09 CDE-TP09-01 BZE05 06/09/2000 / 14:40 5	TP10-01 CDE-TP10-01 BZE07 06/12/2000 / 09:20 2	TP10-02 CDE-TP10-02 BZE08 06/12/2000 / 09:45 8
CONSTITUENT					
alpha-BHC	0.5	2500 UJ	2200 UJ	220 UJ	2 UJ
delta-BHC	--	2500 UJ	2200 UJ	220 UJ	2 UJ
gamma-BHC (Lindane)	9	2500 UJ	2200 UJ	220 UJ	2 UJ
beta-BHC	3	2500 UJ	2200 UJ	220 UJ	2 UJ
Heptachlor	100	2500 UJ	2200 UJ	220 UJ	2 UJ
Aldrin	40	2500 UJ	1100000 JD	220 UJ	2 UJ
Heptachlor epoxide	70	2500 UJ	2200 UJ	220 UJ	2 UJ
Endosulfan I	18000	2500 UJ	2200 UJ	220 UJ	2 UJ
Dieldrin	4	R	R	420 UJ	R
4,4'-DDE	2000	4900 UJ	4300 UJ	420 UJ	3.9 UJ
Endrin	1000	4900 UJ	4300 UJ	420 UJ	3.9 UJ
Endosulfan II	18000	4900 UJ	40000 J	420 UJ	3.9 UJ
4,4'-DDD	3000	R	R	R	3.9 UJ
Endosulfan sulfate	--	4900 UJ	4300 UJ	420 UJ	3.9 UJ
4,4'-DDT	2000	4900 UJ	4300 UJ	420 UJ	3.9 UJ
Methoxychlor	50000	25000 UJ	22000 UJ	2200 UJ	20 UJ
Endrin ketone	--	4900 UJ	4300 UJ	420 UJ	3.9 U
Endrin aldehyde	--	27000 NJ	17000 NJ	3700 NJ	7.4 NJ
alpha-Chlordane	2000	2500 UJ	2200 UJ	220 UJ	2 UJ
gamma-Chlordane	2000	R	R	R	2 UJ
Toxaphene	100	250000 UJ	220000 UJ	22000 UJ	200 UJ

301290

Notes:
All results are in ug/Kg (except for Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-6
PESTICIDES AND PCBs DETECTED IN TEST PIT SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	TP08-02 CDE-TP08-02 BZE04 06/09/2000 / 10:10 3.5	TP09 CDE-TP09-01 BZE05 06/09/2000 / 14:40 5	TP10-01 CDE-TP10-01 BZE07 06/12/2000 / 09:20 2	TP10-02 CDE-TP10-02 BZE08 06/12/2000 / 09:45 8
CONSTITUENT					
Aroclor 1016	490	49000 UJ	43000 UJ	4200 UJ	39 UJ
Aroclor 1221	490	99000 UJ	88000 UJ	8600 UJ	80 UJ
Aroclor 1232	490	49000 UJ	43000 UJ	4200 UJ	39 UJ
Aroclor 1242	490	49000 UJ	43000 UJ	4200 UJ	39 UJ
Aroclor 1248	490	49000 UJ	29000000 JD	1700000 JD	3200 J
Aroclor 1254	490	8300000 JD	43000 UJ	1300000 JD	2000 J
Aroclor 1260	490	49000 UJ	43000 UJ	4200 UJ	39 UJ
Total PCBs PPM		8300	29000	3000	5.2

301291

Notes:
All results are in ug/Kg (except for Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-7
INORGANICS DETECTED IN TEST PIT SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	TP01 CDE-TP01-01 MBTL24 06/07/2000 / 16:25 6.5	TP02 CDE-TP02-01 MBTL26 06/08/2000 / 09:00 4	TP03 CDE-TP03-01 MBTL27 06/08/2000 / 12:45 1.5	TP03 CDE-TP33-01 MBTL28 Duplicate of CDE-TP03-01	TP04 CDE-TP04-01 MBTL47 06/14/2000 / 10:00 3
CONSTITUENT						
Aluminum	--	4240	4730	10000	9360	3250
Antimony	5	1.1 BJ	13.9 BJ	0.64 UJ	0.64 UJ	1.5 BJ
Arsenic	0.4	20.9	34.8	4.2 J	3 J	9.4
Barium	700	777	634	104	92.3	98.6
Beryllium	2	0.51 B	0.18 B	0.74 B	0.84 B	0.63 B
Cadmium	8	0.07 U	23.8	0.07 U	0.07 U	0.7 U
Calcium	--	572 B	3580 J	793 B	730 B	2170
Chromium	38	25	107	27.5	19.6	10.1
Cobalt	--	7.6 B	14.2 B	5.5 B	5.2 B	5.5 B
Copper	600	33.2	411	29.8	33.2	75.4 J
Cyanide	40	0.5 B	1.1	0.12 B	0.1 B	0.13 B
Iron	--	23300	97800	21400	16900	15400
Lead	400	346	472	18.4	15	99.6
Magnesium	--	1240 J	1220 BJ	2460 J	2020 J	943 B
Manganese	--	218	375	136	124	89.6
Mercury	2	0.14	0.45	0.07 B	0.07 B	0.29
Nickel	130	15.9 J	119 J	15 J	13.3 J	16.3 J
Potassium	--	897 B	423 B	749 B	650 B	376 B
Selenium	5	1.8 J	7.9	1.3 J	0.67 BJ	1.3
Silver	34	0.17 U	0.25 U	0.17 U	0.17 U	1.4 BJ
Sodium	--	129 B	96.8 U	81.6 B	66.1 U	174 B
Thallium	0.7	0.86 U	1.3 U	0.86 U	0.87 U	0.79 UJ
Vanadium	370	15.2	17.6 B	20.5	17.9	29
Zinc	1500	32.2	2880	36.2	32.9	59.7

301292

Notes:
All results are in mg/Kg.
Shading indicates exceedance of criteria.

TABLE G-7
INORGANICS DETECTED IN TEST PIT SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	TP05 CDE-TP05-01 MBTL48 06/14/2000 / 14:50 3	TP06 CDE-TP06-01 MBTL44 06/12/2000 / 15:10 8	TP08-01 CDE-TP08-01 MBTL36 06/09/2000 / 09:40 1.5	TP08-02 CDE-TP08-02 MBTL37 06/09/2000 / 10:10 3.5	TP09 CDE-TP09-01 MBTL38 06/09/2000 / 14:40 5
CONSTITUENT						
Aluminum	--	9170	11900	228000 J	27700	44000
Antimony	5	0.8 BJ	18.1 J	21.5 BJ	3.8 BJ	2.2 BJ
Arsenic	0.4	6.7	335	31.4 J	10 J	1.2 BJ
Barium	700	69.8	435	605 J	294	724
Beryllium	2	0.58 B	0.81 B	0.25 BJ	0.57 B	0.4 B
Cadmium	8	1.1	195	21.5 J	11	13.6
Calcium	--	13200	8670 J	33400 J	1990 J	2160 J
Chromium	38	17.3	23.4	27.4 J	24.7	408
Cobalt	--	9.7 B	11.6 B	7.5 BJ	8.4 B	18
Copper	600	111 J	57600	13600 J	294	567
Cyanide	40	0.17 B	0.64 B	0.5 BJ	0.42 B	0.33 B
Iron	--	21200	106000	43800 J	31700	21900
Lead	400	96.7	6410	1160 J	639	629
Magnesium	--	7460	5830 J	1010 BJ	2540 J	1900 J
Manganese	--	285	578	286 J	591	219
Mercury	2	0.32	0.33	0.22 J	0.37	0.47
Nickel	130	22.1 J	41.1 J	44 J	41 J	20.6 J
Potassium	--	572 B	800 B	314 BJ	902 B	696 B
Selenium	5	0.48 U	2.3 J	9 J	1.6 J	1.4 BJ
Silver	34	2.6 J	0.92 B	1.8 BJ	2.2 B	1.5 B
Sodium	--	586 B	452 B	629 BJ	134 B	157 B
Thallium	0.7	0.76 UJ	0.95 U	1.5 UJ	1.1 U	1.1 U
Vanadium	370	39.7	532	129 J	19.2	17.7
Zinc	1500	81.6	4630	14000 J	534	1760

Notes:
All results are in mg/Kg.
Shading indicates exceedance of criteria.

301293

TABLE G-7
INORGANICS DETECTED IN TEST PIT SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	TP10-01 CDE-TP10-01 MBTL40 06/12/2000 / 09:20 2	TP10-02 CDE-TP10-02 MBTL41 06/12/2000 / 09:55 8
CONSTITUENT			
Aluminum	--	23200	6920
Antimony	5	7.4 BJ	0.65 UJ
Arsenic	0.4	21.8	2 BJ
Barium	700	827	49.1 B
Beryllium	2	0.5 B	0.35 B
Cadmium	8	123	0.08 U
Calcium	--	2030 J	516 B
Chromium	38	30	9.8
Cobalt	--	11.8 B	3.3 B
Copper	600	478	4.7 BJ
Cyanide	40	0.3 B	0.06 B
Iron	--	66800	10000
Lead	400	1140	7.4
Magnesium	--	2870 J	1570 J
Manganese	--	739	100
Mercury	2	0.23	0.06 U
Nickel	130	46.6 J	8.3 BJ
Potassium	--	999 B	607 B
Selenium	5	2 J	0.68 BJ
Silver	34	0.18 U	0.18 U
Sodium	--	81.1 B	67 U
Thallium	0.7	0.88 U	0.88 U
Vanadium	370	13.2	20.2
Zinc	1500	731	19.4 J

Notes:
All results are in mg/Kg.
Shading indicates exceedance of criteria.

301294

TABLE G-8
VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soils	SS01 CDE-SS01-00 BZG22 09/19/2000 / 11:25 0.5	SS02 CDE-SS02-00 BZG08 09/15/2000 / 14:06 0.5	SS03 CDE-SS03-00 BZG19 09/19/2000 / 09:20 0.5	SS03 CDE-SS03-01 BZG20 Duplicate of CDE-SS03-00
CONSTITUENT					
Dichlorodifluoromethane	--	24 U	14 UJ	22 U	21 U
Chloromethane	10000	24 U	14 U	22 U	21 U
Vinyl chloride	10	24 U	14 U	22 U	21 U
Bromomethane	200	24 U	14 U	22 U	21 U
Chloroethane	--	24 U	14 U	22 U	21 U
Trichlorofluoromethane	--	24 U	14 U	22 U	3 J
1,1-Dichloroethylene	60	24 U	14 U	22 U	21 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	24 U	14 U	22 U	21 U
Acetone	16000	24 U	58	22 U	21 U
Carbon disulfide	32000	24 U	14 U	22 U	21 U
Methyl acetate	--	24 U	14 U	22 U	21 U
Methylene chloride	20	24 UJ	14 U	22 UJ	21 UJ
trans-1,2-Dichloroethylene	700	24 U	14 U	22 U	2 J
Methyl tert-butyl ether	--	24 U	14 U	22 U	21 U
1,1-Dichloroethane	10000	24 U	14 U	22 U	21 U
cis-1,2-Dichloroethylene	400	24 U	14 U	88	120
2-Butanone	50000	24 U	14 U	22 U	21 U
Chloroform	300	24 U	14 U	22 U	21 U
1,1,1-Trichloroethane	2000	24 U	14 U	22 U	21 U
Cyclohexane	--	24 U	14 U	22 U	21 U

301295

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-8
VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soils	SS01 CDE-SS01-00 BZG22 09/19/2000 / 11:25 0.5	SS02 CDE-SS02-00 BZG08 09/15/2000 / 14:06 0.5	SS03 CDE-SS03-00 BZG19 09/19/2000 / 09:20 0.5	SS03 CDE-SS03-01 BZG20 Duplicate of CDE-SS03-00
CONSTITUENT					
Carbon tetrachloride	70	24 U	14 U	22 U	21 U
Benzene	30	24 U	14 U	22 U	21 U
1,2-Dichloroethane	20	24 U	14 U	22 U	21 U
Trichloroethylene	60	24 U	14 U	130	160
Methylcyclohexane	--	24 U	14 U	22 U	21 U
1,2-Dichloropropane	30	24 U	14 U	22 U	21 U
Bromodichloromethane	600	24 U	14 U	22 U	21 U
cis-1,3-Dichloropropene	4	24 U	14 U	22 U	21 U
4-Methyl-2-pentanone	50000	24 U	14 U	22 U	21 U
Toluene	12000	24 U	14 U	2 J	21 U
trans-1,3-Dichloropropene	4	24 U	14 U	22 U	21 U
1,1,2-Trichloroethane	20	24 U	14 U	22 U	21 U
Tetrachloroethylene	60	24 U	14 U	22 U	21 U
2-Hexanone	--	24 U	14 U	22 U	21 U
Dibromochloromethane	400	24 U	14 U	22 U	21 U
1,2-Dibromoethane	--	24 U	14 U	22 U	21 U
Chlorobenzene	1000	24 U	14 U	22 U	21 U
Ethylbenzene	13000	24 U	14 U	2 J	21 U
Xylene (total)	67000	24 U	14 U	13 J	21 U
Styrene	4000	24 U	14 U	22 U	21 U
Bromoform	800	24 U	14 U	22 U	21 U

301296

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-8
VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soils	SS01 CDE-SS01-00 BZG22 09/19/2000 / 11:25 0.5	SS02 CDE-SS02-00 BZG08 09/15/2000 / 14:06 0.5	SS03 CDE-SS03-00 BZG19 09/19/2000 / 09:20 0.5	SS03 CDE-SS03-01 BZG20 Duplicate of CDE-SS03-00
CONSTITUENT					
Isopropylbenzene	--	24 U	14 U	22 U	21 U
1,1,2,2-Tetrachloroethane	3	24 U	14 U	22 U	21 U
1,3-Dichlorobenzene	100000	24 U	14 U	22 U	21 U
1,4-Dichlorobenzene	2000	24 U	14 U	22 U	21 U
1,2-Dichlorobenzene	17000	24 U	14 U	22 U	21 U
1,2-Dibromo-3-chloropropane	--	24 U	14 U	22 U	21 U
1,2,4-Trichlorobenzene	5000	24 U	14 UJ	22 U	21 U
Total VOC TICs		R	20 J	R	R

301297

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-8
VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soils	SS04 CDE-SS04-00 BZG18 09/19/2000 / 08:45 0.5	SS05 CDE-SS05-00 BZG21 09/19/2000 / 10:00 0.5	SS06 CDE-SS06-00 BZG06 09/15/2000 / 11:34 0.5	SS06 CDE-SS06-12 BZG07 09/15/2000 / 12:00 2
CONSTITUENT					
Dichlorodifluoromethane	--	3000 UJ	26 U	39 UJ	12 UJ
Chloromethane	10000	3000 UJ	26 U	39 UJ	12 U
Vinyl chloride	10	3000 UJ	26 U	39 UJ	12 U
Bromomethane	200	3000 UJ	26 U	39 UJ	12 U
Chloroethane	--	3000 UJ	26 U	39 UJ	12 U
Trichlorofluoromethane	--	3000 UJ	26 U	39 UJ	12 U
1,1-Dichloroethylene	60	3000 UJ	26 U	39 UJ	12 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	3000 UJ	26 U	39 UJ	12 U
Acetone	16000	3000 UJ	26 U	65 J	36
Carbon disulfide	32000	3000 UJ	26 U	39 UJ	12 U
Methyl acetate	--	3000 UJ	26 U	39 UJ	12 U
Methylene chloride	20	1700 J	26 UJ	39 UJ	12 U
trans-1,2-Dichloroethylene	700	970 J	26 U	39 UJ	12 U
Methyl tert-butyl ether	--	3000 UJ	26 U	39 UJ	12 U
1,1-Dichloroethane	10000	3000 UJ	26 U	39 UJ	12 U
cis-1,2-Dichloroethylene	400	22000 J	69	39 UJ	12 U
2-Butanone	50000	3000 UJ	26 U	39 UJ	12 U
Chloroform	300	3000 UJ	26 U	39 UJ	12 U
1,1,1-Trichloroethane	2000	3000 UJ	3 J	39 UJ	12 U
Cyclohexane	--	3000 UJ	26 U	39 UJ	12 U

301298

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-8
VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soils	SS04 CDE-SS04-00 BZG18 09/19/2000 / 08:45 0.5	SS05 CDE-SS05-00 BZG21 09/19/2000 / 10:00 0.5	SS06 CDE-SS06-00 BZG06 09/15/2000 / 11:34 0.5	SS06 CDE-SS06-12 BZG07 09/15/2000 / 12:00 2
CONSTITUENT					
Carbon tetrachloride	70	3000 UJ	26 U	39 UJ	12 U
Benzene	30	3000 UJ	26 U	39 UJ	12 U
1,2-Dichloroethane	20	3000 UJ	26 U	39 UJ	12 U
Trichloroethylene	60	1300 J	110	39 UJ	12 U
Methylcyclohexane	--	3000 UJ	26 U	39 UJ	12 U
1,2-Dichloropropane	30	3000 UJ	26 U	39 UJ	12 U
Bromodichloromethane	600	3000 UJ	26 U	39 UJ	12 U
cis-1,3-Dichloropropene	4	3000 UJ	26 U	39 UJ	12 U
4-Methyl-2-pentanone	50000	3000 UJ	26 U	R	12 U
Toluene	12000	3000 UJ	26 U	13 J	12 U
trans-1,3-Dichloropropene	4	3000 UJ	26 U	39 UJ	12 U
1,1,2-Trichloroethane	20	3000 UJ	26 U	39 UJ	12 U
Tetrachloroethylene	60	3000 UJ	15 J	430 DJ	10 J
2-Hexanone	--	3000 UJ	26 U	R	12 U
Dibromochloromethane	400	3000 UJ	26 U	39 UJ	12 U
1,2-Dibromoethane	--	3000 UJ	26 U	R	12 U
Chlorobenzene	1000	3000 UJ	26 U	R	12 U
Ethylbenzene	13000	3000 UJ	26 U	R	12 U
Xylene (total)	67000	3000 UJ	26 U	R	12 U
Styrene	4000	3000 UJ	26 U	R	12 U
Bromoform	800	3000 UJ	26 U	39 UJ	12 U

301299

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-8
VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soils	SS04 CDE-SS04-00 BZG18 09/19/2000 / 08:45 0.5	SS05 CDE-SS05-00 BZG21 09/19/2000 / 10:00 0.5	SS06 CDE-SS06-00 BZG06 09/15/2000 / 11:34 0.5	SS06 CDE-SS06-12 BZG07 09/15/2000 / 12:00 2
CONSTITUENT					
Isopropylbenzene	--	3000 UJ	26 U	R	12 U
1,1,2,2-Tetrachloroethane	3	3000 UJ	26 U	R	12 U
1,3-Dichlorobenzene	100000	3000 UJ	26 U	R	12 U
1,4-Dichlorobenzene	2000	3000 UJ	26 U	R	12 U
1,2-Dichlorobenzene	17000	3000 UJ	26 U	R	12 U
1,2-Dibromo-3-chloropropane	--	3000 UJ	26 U	R	12 U
1,2,4-Trichlorobenzene	5000	3000 UJ	26 U	39 UJ	12 UJ
Total VOC TICs		R	R	172 J	31 J

301300

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-8
VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soils	SS07 CDE-SS07-00 BZG02 09/15/2000 / 08:54 0.5	SS08 CDE-SS08-00 BZG04 09/15/2000 / 10:36 0.5	SS08 CDE-SS08-12 BZG05 09/15/2000 / 10:55 2	SS09 CDE-SS09-00 BZG03 09/15/2000 / 10:01 0.5
CONSTITUENT					
Dichlorodifluoromethane	--	12 UJ	11 UJ	10 UJ	10 UJ
Chloromethane	10000	12 U	11 U	10 U	10 UJ
Vinyl chloride	10	12 U	11 U	10 U	10 UJ
Bromomethane	200	12 U	11 U	10 U	10 UJ
Chloroethane	--	12 U	11 U	10 U	10 UJ
Trichlorofluoromethane	--	12 U	11 U	10 U	10 UJ
1,1-Dichloroethylene	60	12 U	11 U	10 U	10 UJ
1,1,2-Trichloro-1,2,2-trifluoroethane	--	12 U	11 U	10 U	10 UJ
Acetone	16000	93	47	10	41 J
Carbon disulfide	32000	12 U	11 U	10 U	10 UJ
Methyl acetate	--	12 U	11 U	10 U	10 UJ
Methylene chloride	20	12 U	11 U	10 U	10 UJ
trans-1,2-Dichloroethylene	700	12 U	11 U	10 U	10 UJ
Methyl tert-butyl ether	--	12 U	11 U	10 U	10 UJ
1,1-Dichloroethane	10000	12 U	11 U	10 U	10 UJ
cis-1,2-Dichloroethylene	400	5 J	11 U	10 U	10 UJ
2-Butanone	50000	12 U	8 J	10 U	14 J
Chloroform	300	12 U	11 U	10 U	10 UJ
1,1,1-Trichloroethane	2000	12 UJ	11 U	10 U	10 UJ
Cyclohexane	--	12 UJ	11 U	10 U	10 UJ

301301

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-8
VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soils	SS07 CDE-SS07-00 BZG02 09/15/2000 / 08:54 0.5	SS08 CDE-SS08-00 BZG04 09/15/2000 / 10:36 0.5	SS08 CDE-SS08-12 BZG05 09/15/2000 / 10:55 2	SS09 CDE-SS09-00 BZG03 09/15/2000 / 10:01 0.5
CONSTITUENT					
Carbon tetrachloride	70	12 UJ	11 U	10 U	10 UJ
Benzene	30	12 UJ	11 U	10 U	9 J
1,2-Dichloroethane	20	12 U	11 U	10 U	10 UJ
Trichloroethylene	60	47 J	11 U	10 U	2 J
Methylcyclohexane	--	12 UJ	11 U	10 U	10 UJ
1,2-Dichloropropane	30	12 UJ	11 U	10 U	10 UJ
Bromodichloromethane	600	12 UJ	11 U	10 U	10 UJ
cis-1,3-Dichloropropene	4	12 UJ	11 U	10 U	10 UJ
4-Methyl-2-pentanone	50000	12 UJ	11 U	10 U	R
Toluene	12000	97 J	3 J	10 U	7500 DJ
trans-1,3-Dichloropropene	4	12 UJ	11 U	10 U	10 UJ
1,1,2-Trichloroethane	20	12 UJ	11 U	10 U	10 UJ
Tetrachloroethylene	60	12 UJ	11 U	10 U	R
2-Hexanone	--	12 UJ	11 U	10 U	R
Dibromochloromethane	400	12 UJ	11 U	10 U	10 UJ
1,2-Dibromoethane	--	12 UJ	11 U	10 U	R
Chlorobenzene	1000	12 UJ	11 U	10 U	R
Ethylbenzene	13000	12 UJ	11 U	10 U	150 J
Xylene (total)	67000	12 UJ	11 U	10 U	2700 DJ
Styrene	4000	12 UJ	11 U	10 U	32 J
Bromoform	800	12 UJ	11 U	10 U	10 UJ

301302

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-8
VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soils	SS07 CDE-SS07-00 BZG02 09/15/2000 / 08:54 0.5	SS08 CDE-SS08-00 BZG04 09/15/2000 / 10:36 0.5	SS08 CDE-SS08-12 BZG05 09/15/2000 / 10:55 2	SS09 CDE-SS09-00 BZG03 09/15/2000 / 10:01 0.5
CONSTITUENT					
Isopropylbenzene	--	12 UJ	11 U	10 U	9 J
1,1,2,2-Tetrachloroethane	3	12 UJ	11 U	10 U	R
1,3-Dichlorobenzene	100000	12 UJ	11 U	10 U	R
1,4-Dichlorobenzene	2000	12 UJ	11 U	10 U	R
1,2-Dichlorobenzene	17000	12 UJ	11 U	10 U	R
1,2-Dibromo-3-chloropropane	--	12 UJ	11 U	10 U	R
1,2,4-Trichlorobenzene	5000	12 UJ	11 UJ	10 UJ	R
Total VOC TICs		61 NJ	51 NJ	32 NJ	12358 NJ

301303

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-8
VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soils	MW01 CDE-MW01-00 BZE31 08/02/2000 / 11:10 2	MW01A CDE-MW01A-00 BZE48 08/07/2000 / 11:40 1.17	MW02 CDE-MW02-00 BZE34 08/02/2000 / 15:15 2	MW03 CDE-MW03-00 BZE42 08/03/2000 / 14:45 2
CONSTITUENT					
Dichlorodifluoromethane	--	15 U	9 UJ	15 U	17 U
Chloromethane	10000	15 U	9 UJ	15 U	17 U
Vinyl chloride	10	15 U	9 UJ	15 U	17 U
Bromomethane	200	15 U	9 UJ	15 U	17 U
Chloroethane	--	15 U	9 UJ	15 U	17 U
Trichlorofluoromethane	--	15 UJ	9 UJ	4 J	17 U
1,1-Dichloroethylene	60	15 U	9 UJ	15 U	17 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	15 U	9 UJ	15 U	17 U
Acetone	16000	4 J	28 J	15 UJ	17 UJ
Carbon disulfide	32000	15 U	2 J	15 U	17 U
Methyl acetate	--	15 U	11 J	15 U	17 U
Methylene chloride	20	15 U	9 UJ	15 UJ	18 UJ
trans-1,2-Dichloroethylene	700	15 U	9 UJ	15 U	17 U
Methyl tert-butyl ether	--	15 U	9 UJ	15 U	17 U
1,1-Dichloroethane	10000	15 U	9 UJ	15 U	17 U
cis-1,2-Dichloroethylene	400	15 U	9 UJ	15 U	17 U
2-Butanone	50000	15 U	11 J	15 U	17 U
Chloroform	300	15 U	9 UJ	15 U	17 U
1,1,1-Trichloroethane	2000	6 J	9 UJ	17	17 U
Cyclohexane	--	15 U	9 UJ	15 U	17 U

301304

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-8
VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soils	MW01 CDE-MW01-00 BZE31 08/02/2000 / 11:10 2	MW01A CDE-MW01A-00 BZE48 08/07/2000 / 11:40 1.17	MW02 CDE-MW02-00 BZE34 08/02/2000 / 15:15 2	MW03 CDE-MW03-00 BZE42 08/03/2000 / 14:45 2
CONSTITUENT					
Carbon tetrachloride	70	15 U	9 UJ	15 U	17 U
Benzene	30	15 U	1 J	15 U	17 U
1,2-Dichloroethane	20	15 U	9 UJ	15 U	17 U
Trichloroethylene	60	15 U	2 J	1 J	17 U
Methylcyclohexane	--	15 U	9 UJ	4 J	17 U
1,2-Dichloropropane	30	15 U	9 UJ	15 U	17 U
Bromodichloromethane	600	15 U	9 UJ	15 U	17 U
cis-1,3-Dichloropropene	4	15 U	9 UJ	15 U	17 U
4-Methyl-2-pentanone	50000	15 U	2 J	15 U	17 U
Toluene	12000	15 U	2 J	15 U	17 U
trans-1,3-Dichloropropene	4	15 U	9 UJ	15 U	17 U
1,1,2-Trichloroethane	20	15 U	9 UJ	15 U	17 U
Tetrachloroethylene	60	15 U	9 UJ	15 U	17 U
2-Hexanone	--	15 U	9 UJ	15 U	17 U
Dibromochloromethane	400	15 U	9 UJ	15 U	17 U
1,2-Dibromoethane	--	15 U	9 UJ	15 U	17 U
Chlorobenzene	1000	15 U	9 UJ	15 U	17 U
Ethylbenzene	13000	15 U	9 UJ	15 U	17 U
Xylene (total)	67000	15 U	9 UJ	15 U	17 U
Styrene	4000	15 U	9 UJ	15 U	17 U
Bromoform	800	15 U	9 UJ	15 U	17 U

301305

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-8
VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soils	MW01 CDE-MW01-00 BZE31 08/02/2000 / 11:10 2	MW01A CDE-MW01A-00 BZE48 08/07/2000 / 11:40 1.17	MW02 CDE-MW02-00 BZE34 08/02/2000 / 15:15 2	MW03 CDE-MW03-00 BZE42 08/03/2000 / 14:45 2
CONSTITUENT					
Isopropylbenzene	--	15 U	9 UJ	15 U	17 U
1,1,2,2-Tetrachloroethane	3	15 U	9 UJ	15 U	17 U
1,3-Dichlorobenzene	100000	15 U	9 UJ	15 U	17 U
1,4-Dichlorobenzene	2000	15 U	9 UJ	15 U	17 U
1,2-Dichlorobenzene	17000	15 U	9 UJ	15 U	17 U
1,2-Dibromo-3-chloropropane	--	15 U	R	15 U	17 U
1,2,4-Trichlorobenzene	5000	15 U	1 J	15 U	17 U
Total VOC TICs		45 J	151 NJ	R	12 J

301306

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-8
VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soils	MW04 CDE-MW04-00 BZE87 08/15/2000 / 13:20 2	MW05 CDE-MW05-00 BZF07 08/18/2000 / 09:19 2	MW05 CDE-MW05-01 BZF18 Duplicate of CDE-MW05-00	MW06 CDE-MW06-00 BZE50 08/08/2000 / 09:00 2
CONSTITUENT					
Dichlorodifluoromethane	--	13 U	11 U	12 UJ	20 U
Chloromethane	10000	13 U	11 U	12 UJ	20 U
Vinyl chloride	10	13 U	11 U	12 UJ	93
Bromomethane	200	13 U	11 U	12 UJ	20 U
Chloroethane	--	13 U	11 UJ	12 UJ	20 U
Trichlorofluoromethane	--	13 U	11 U	8 J	20 U
1,1-Dichloroethylene	60	13 U	2 J	12 UJ	13 J
1,1,2-Trichloro-1,2,2-trifluoroethane	--	13 U	11 U	12 UJ	20 U
Acetone	16000	37 UJ	56 UJ	39 UJ	150
Carbon disulfide	32000	13 U	11 U	12 UJ	10 J
Methyl acetate	--	13 UJ	11 U	12 UJ	47
Methylene chloride	20	13 UJ	20 UJ	21 UJ	20 U
trans-1,2-Dichloroethylene	700	13 U	11 U	12 UJ	120
Methyl tert-butyl ether	--	13 U	11 U	12 UJ	20 U
1,1-Dichloroethane	10000	13 U	11 U	12 UJ	20 U
cis-1,2-Dichloroethylene	400	85	11 U	12 UJ	4800 D
2-Butanone	50000	13 U	11 U	12 UJ	20 U
Chloroform	300	13 U	11 U	12 UJ	20 U
1,1,1-Trichloroethane	2000	13 U	11 U	12 UJ	4 J
Cyclohexane	--	13 U	11 UJ	12 UJ	12 J

301307

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-8
VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soils	MW04 CDE-MW04-00 BZE87 08/15/2000 / 13:20 2	MW05 CDE-MW05-00 BZF07 08/18/2000 / 09:19 2	MW05 CDE-MW05-01 BZF18 Duplicate of CDE-MW05-00	MW06 CDE-MW06-00 BZE50 08/08/2000 / 09:00 2
CONSTITUENT					
Carbon tetrachloride	70	13 U	11 U	12 UJ	20 UJ
Benzene	30	13 U	11 U	12 UJ	13 J
1,2-Dichloroethane	20	13 U	11 U	12 UJ	20 U
Trichloroethylene	60	180	11 U	12 UJ	8600 DJ
Methylcyclohexane	--	13 U	11 U	12 UJ	19 J
1,2-Dichloropropane	30	13 U	11 U	12 UJ	20 UJ
Bromodichloromethane	600	13 U	11 U	12 UJ	20 UJ
cis-1,3-Dichloropropene	4	13 U	11 U	12 UJ	20 UJ
4-Methyl-2-pentanone	50000	13 U	11 U	12 UJ	R
Toluene	12000	13 U	4 J	8 J	29 J
trans-1,3-Dichloropropene	4	13 U	11 U	12 UJ	20 UJ
1,1,2-Trichloroethane	20	13 U	11 U	12 UJ	20 UJ
Tetrachloroethylene	60	13 U	11 U	12 UJ	6600 DJ
2-Hexanone	--	13 U	11 U	12 UJ	R
Dibromochloromethane	400	13 U	11 U	12 UJ	20 UJ
1,2-Dibromoethane	--	13 U	11 U	12 UJ	R
Chlorobenzene	1000	13 U	11 U	12 UJ	8 J
Ethylbenzene	13000	13 U	11 U	12 UJ	9 J
Xylene (total)	67000	13 U	11 U	12 UJ	57 J
Styrene	4000	13 U	11 U	12 UJ	R
Bromoform	800	13 U	11 U	12 UJ	20 UJ

301308

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-8
VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soils	MW04 CDE-MW04-00 BZE87 08/15/2000 / 13:20 2	MW05 CDE-MW05-00 BZF07 08/18/2000 / 09:19 2	MW05 CDE-MW05-01 BZF18 Duplicate of CDE-MW05-00	MW06 CDE-MW06-00 BZE50 08/08/2000 / 09:00 2
CONSTITUENT					
Isopropylbenzene	--	13 U	11 U	12 UJ	R
1,1,2,2-Tetrachloroethane	3	13 U	11 U	12 UJ	R
1,3-Dichlorobenzene	100000	13 U	11 U	12 UJ	7 J
1,4-Dichlorobenzene	2000	13 U	11 U	12 UJ	20 UJ
1,2-Dichlorobenzene	17000	13 U	11 U	12 UJ	7 J
1,2-Dibromo-3-chloropropane	--	13 U	11 U	12 UJ	R
1,2,4-Trichlorobenzene	5000	13 U	11 U	12 UJ	220 J
Total VOC TICs		R	U	U	888 NJ

301309

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-8
VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soils	MW07 CDE-MW07-00 BZE27 08/01/2000 / 09:00 2	MW08 CDE-MW08-00 BZE22 07/20/2000 / 12:50 0.5	MW09 CDE-MW09-00 BZG12 09/18/2000 / 09:30 0.5	MW10 CDE-MW10-00 BZE23 07/20/2000 / 10:40 0.5
CONSTITUENT					
Dichlorodifluoromethane	--	14 U	13 UJ	13 UJ	11 UJ
Chloromethane	10000	14 U	13 UJ	13 UJ	11 UJ
Vinyl chloride	10	14 U	13 UJ	13 UJ	11 UJ
Bromomethane	200	14 U	13 UJ	13 UJ	11 UJ
Chloroethane	--	14 U	13 UJ	13 U	11 UJ
Trichlorofluoromethane	--	14 UJ	5 J	13 U	4 J
1,1-Dichloroethylene	60	14 U	13 UJ	13 U	11 UJ
1,1,2-Trichloro-1,2,2-trifluoroethane	--	14 U	13 UJ	13 U	11 UJ
Acetone	16000	450 J	17 UJ	21 J	17 UJ
Carbon disulfide	32000	14 U	13 UJ	13 U	11 UJ
Methyl acetate	--	15	13 UJ	13 U	11 UJ
Methylene chloride	20	14 U	13 UJ	15 UJ	11 U
trans-1,2-Dichloroethylene	700	14 U	13 UJ	13 U	11 UJ
Methyl tert-butyl ether	--	14 U	13 UJ	13 U	11 UJ
1,1-Dichloroethane	10000	14 U	13 UJ	13 U	11 UJ
cis-1,2-Dichloroethylene	400	14 U	13 UJ	13 U	11 UJ
2-Butanone	50000	17	13 UJ	13 UJ	11 UJ
Chloroform	300	14 U	13 UJ	13 U	11 UJ
1,1,1-Trichloroethane	2000	5 J	16 J	13 U	7 J
Cyclohexane	--	14 U	13 UJ	2 J	11 UJ

301310

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-8
VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soils	MW07 CDE-MW07-00 BZE27 08/01/2000 / 09:00 2	MW08 CDE-MW08-00 BZE22 07/20/2000 / 12:50 0.5	MW09 CDE-MW09-00 BZG12 09/18/2000 / 09:30 0.5	MW10 CDE-MW10-00 BZE23 07/20/2000 / 10:40 0.5
CONSTITUENT					
Carbon tetrachloride	70	14 U	13 UJ	13 U	11 UJ
Benzene	30	14 U	13 UJ	13 U	11 UJ
1,2-Dichloroethane	20	14 U	13 UJ	13 U	11 UJ
Trichloroethylene	60	14 U	13 UJ	12 J	11 UJ
Methylcyclohexane	--	14 U	13 UJ	13 U	11 UJ
1,2-Dichloropropane	30	14 U	13 UJ	13 U	11 UJ
Bromodichloromethane	600	14 U	13 UJ	13 U	11 UJ
cis-1,3-Dichloropropene	4	14 U	13 UJ	13 U	11 UJ
4-Methyl-2-pentanone	50000	14 U	13 UJ	13 U	11 UJ
Toluene	12000	14 U	13 UJ	28	11 UJ
trans-1,3-Dichloropropene	4	14 U	13 UJ	13 U	11 UJ
1,1,2-Trichloroethane	20	14 U	13 UJ	13 U	11 UJ
Tetrachloroethylene	60	14 U	13 UJ	13 U	11 UJ
2-Hexanone	--	14 U	13 UJ	13 UJ	11 UJ
Dibromochloromethane	400	14 U	13 UJ	13 U	11 UJ
1,2-Dibromoethane	--	14 U	13 UJ	13 U	11 UJ
Chlorobenzene	1000	14 U	13 UJ	13 U	11 UJ
Ethylbenzene	13000	14 U	13 UJ	2 J	11 UJ
Xylene (total)	67000	14 U	13 UJ	10 J	11 UJ
Styrene	4000	14 U	13 UJ	13 U	11 UJ
Bromoform	800	14 U	13 UJ	13 U	11 UJ

301311

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-8
VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soils	MW07 CDE-MW07-00 BZE27 08/01/2000 / 09:00 2	MW08 CDE-MW08-00 BZE22 07/20/2000 / 12:50 0.5	MW09 CDE-MW09-00 BZG12 09/18/2000 / 09:30 0.5	MW10 CDE-MW10-00 BZE23 07/20/2000 / 10:40 0.5
CONSTITUENT					
Isopropylbenzene	--	14 U	13 UJ	13 U	11 UJ
1,1,2,2-Tetrachloroethane	3	14 U	13 UJ	13 U	11 UJ
1,3-Dichlorobenzene	100000	14 U	13 UJ	13 U	11 UJ
1,4-Dichlorobenzene	2000	14 U	13 UJ	13 U	11 UJ
1,2-Dichlorobenzene	17000	14 U	13 UJ	13 U	11 UJ
1,2-Dibromo-3-chloropropane	--	14 U	13 UJ	13 U	11 UJ
1,2,4-Trichlorobenzene	5000	14 U	13 UJ	13 U	11 UJ
Total VOC TICs		25 J	9 J	11 J	R

301312

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-8
VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soils	MW11 CDE-MW11-00 BZF26 08/22/2000 / 09:20 2	MW12 CDE-MW12-00 BZF77 09/05/2000 / 10:10 2
CONSTITUENT			
Dichlorodifluoromethane	--	13 UJ	26 UJ
Chloromethane	10000	13 UJ	26 UJ
Vinyl chloride	10	13 U	26 UJ
Bromomethane	200	13 U	26 UJ
Chloroethane	--	13 U	26 UJ
Trichlorofluoromethane	--	13 UJ	26 UJ
1,1-Dichloroethylene	60	6 J	26 UJ
1,1,2-Trichloro-1,2,2-trifluoroethane	--	13 U	26 UJ
Acetone	16000	25 U	26 UJ
Carbon disulfide	32000	13 U	26 UJ
Methyl acetate	--	13 U	26 UJ
Methylene chloride	20	19	26 UJ
trans-1,2-Dichloroethylene	700	70	26 UJ
Methyl tert-butyl ether	--	13 U	26 UJ
1,1-Dichloroethane	10000	13 U	26 UJ
cis-1,2-Dichloroethylene	400	7000 DJ	20 J
2-Butanone	50000	13 U	26 UJ
Chloroform	300	13 U	26 UJ
1,1,1-Trichloroethane	2000	3 J	26 UJ
Cyclohexane	--	13 U	26 UJ

301313

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-8
VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soils	MW11 CDE-MW11-00 BZF26 08/22/2000 / 09:20 2	MW12 CDE-MW12-00 BZF77 09/05/2000 / 10:10 2
CONSTITUENT			
Carbon tetrachloride	70	13 U	26 UJ
Benzene	30	13 U	26 UJ
1,2-Dichloroethane	20	13 U	26 UJ
Trichloroethylene	60	47000 DJ	160 J
Methylcyclohexane	--	13 U	26 UJ
1,2-Dichloropropane	30	13 U	26 UJ
Bromodichloromethane	600	13 U	26 UJ
cis-1,3-Dichloropropene	4	13 U	26 UJ
4-Methyl-2-pentanone	50000	13 UJ	26 UJ
Toluene	12000	4 J	22 J
trans-1,3-Dichloropropene	4	13 U	26 UJ
1,1,2-Trichloroethane	20	13 U	26 UJ
Tetrachloroethylene	60	37	26 UJ
2-Hexanone	--	13 UJ	26 UJ
Dibromochloromethane	400	13 U	26 UJ
1,2-Dibromoethane	--	13 U	26 UJ
Chlorobenzene	1000	2 J	26 UJ
Ethylbenzene	13000	13 U	26 UJ
Xylene (total)	67000	13 U	26 UJ
Styrene	4000	13 U	26 UJ
Bromoform	800	13 U	26 UJ

301314

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-8
VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soils	MW11 CDE-MW11-00 BZF26 08/22/2000 / 09:20 2	MW12 CDE-MW12-00 BZF77 09/05/2000 / 10:10 2
CONSTITUENT			
Isopropylbenzene	--	13 U	26 UJ
1,1,2,2-Tetrachloroethane	3	13 U	26 UJ
1,3-Dichlorobenzene	100000	4 J	26 UJ
1,4-Dichlorobenzene	2000	5 J	26 UJ
1,2-Dichlorobenzene	17000	13 U	26 UJ
1,2-Dibromo-3-chloropropane	--	13 U	26 UJ
1,2,4-Trichlorobenzene	5000	78	26 UJ
Total VOC TICs		204 NJ	R

301315

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-9
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	SS01 CDE-SS01-00 BZG22 09/19/2000 / 11:25 0.5	SS02 CDE-SS02-00 BZG08 09/15/2000 / 14:06 0.5	SS03 CDE-SS03-00 BZG19 09/19/2000 / 09:20 0.5	SS03 CDE-SS03-01 BZG20 Duplicate of CDE-SS03-00
CONSTITUENT					
Benzaldehyde	--	950 J	430 UJ	480 J	650 J
Phenol	30000	610 U	430 UJ	620 U	570 U
Bis(2-chloroethyl)ether	0.4	610 U	430 UJ	620 U	570 U
2-Chlorophenol	4000	610 U	430 UJ	620 U	570 U
2-Methylphenol	15000	610 U	430 UJ	620 U	570 U
Bis(2-chloro-1-methylethyl) ether	10000	610 U	430 UJ	620 U	570 U
Acetophenone	--	610 U	430 UJ	620 U	570 U
4-Methylphenol	2800000	610 U	430 UJ	620 U	570 U
N-Nitroso-di-n-propylamine	0.05	610 U	430 UJ	620 U	570 U
Hexachloroethane	500	610 U	430 UJ	620 U	570 U
Nitrobenzene	100	610 U	430 UJ	620 U	570 U
Isophorone	500	610 U	430 UJ	620 U	570 U
2-Nitrophenol	--	610 U	430 UJ	620 U	570 U
2,4-Dimethylphenol	900	610 U	430 UJ	620 U	570 U
Bis(2-chloroethoxy)methane	--	610 U	430 UJ	620 U	570 U
2,4-Dichlorophenol	1000	610 U	430 UJ	620 U	570 U
Naphthalene	84000	190 J	430 UJ	460 J	420 J
4-Chloroaniline	700	610 U	430 UJ	620 U	570 U
Hexachlorobutadiene	1000	610 U	430 UJ	620 U	570 U
Caprolactam	--	610 U	430 UJ	620 U	570 U
4-Chloro-3-methylnaphthalene	100000	610 U	430 UJ	620 U	570 U
2-Methylnaphthalene	--	210 J	430 UJ	720	670
Hexachlorocyclopentadiene	10000	610 UJ	430 UJ	620 UJ	570 UJ

301316

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-9
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	SS01 CDE-SS01-00 BZG22 09/19/2000 / 11:25 0.5	SS02 CDE-SS02-00 BZG08 09/15/2000 / 14:06 0.5	SS03 CDE-SS03-00 BZG19 09/19/2000 / 09:20 0.5	SS03 CDE-SS03-01 BZG20 Duplicate of CDE-SS03-00
CONSTITUENT					
2,4,6-Trichlorophenol	200	610 U	430 UJ	620 U	570 U
2,4,5-Trichlorophenol	9000	1500 U	1100 UJ	1600 U	1400 U
Biphenyl, 1,1-	60000	49 J	430 UJ	110 J	88 J
2-Chloronaphthalene	--	610 U	430 UJ	620 U	570 U
2-Nitroaniline	--	1500 U	1100 UJ	1600 U	1400 U
Dimethyl phthalate	50000	610 U	430 UJ	620 U	570 U
2,6-Dinitrotoluene	0.7	610 U	430 UJ	620 U	570 U
Acenaphthylene	--	960	430 UJ	310 J	270 J
3-Nitroaniline	--	1500 U	R	1600 U	1400 U
Acenaphthene	20000	130 J	430 UJ	58 J	53 J
2,4-Dinitrophenol	200	1500 U	1100 UJ	1600 U	1400 U
4-Nitrophenol	7000	1500 U	1100 UJ	1600 U	1400 U
Dibenzofuran	--	110 J	430 UJ	260 J	230 J
2,4-Dinitrotoluene	0.8	610 U	430 UJ	620 U	570 U
Diethyl phthalate	50000	610 U	430 UJ	620 U	570 U
Fluorene	100000	270 J	430 UJ	100 J	110 J
4-Chlorophenyl phenyl ether	--	610 U	430 UJ	620 U	570 U
4-Nitroaniline	--	1500 UJ	1100 UJ	1600 UJ	1400 UJ
4,6-Dinitro-2-methylphenol	--	1500 U	1100 UJ	1600 U	1400 U
N-Nitrosodiphenylamine	1000	610 U	430 UJ	620 U	570 U
Hexachlorobenzene	300	610 U	430 UJ	620 U	570 U
Atrazine	--	610 U	430 UJ	620 U	570 U
Pentachlorophenol	30	1500 U	1100 UJ	1600 U	1400 U

301317

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-9
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	SS01 CDE-SS01-00 BZG22 09/19/2000 / 11:25 0.5	SS02 CDE-SS02-00 BZG08 09/15/2000 / 14:06 0.5	SS03 CDE-SS03-00 BZG19 09/19/2000 / 09:20 0.5	SS03 CDE-SS03-01 BZG20 Duplicate of CDE-SS03-00
CONSTITUENT					
Phenanthrene	--	2100	85 J	1200	1100
Anthracene	100000	910	430 UJ	270 J	270 J
Carbazole	600	220 J	430 UJ	120 J	120 J
Di-n-butyl phthalate	100000	1700	490 UJ	620 U	1800
Fluoranthene	100000	3800	160 J	860	1200
Pyrene	100000	6000 D	170 J	1800	1400
Butyl benzyl phthalate	100000	13000 D	9900 DJ	20000 D	14000 D
3,3'-Dichlorobenzidine	7	610 UJ	430 UJ	620 UJ	570 UJ
Benzo(a)anthracene	600	2700	80 J	1300	750
Chrysene	9000	3400	120 J	1600	1200
bis(2-Ethylhexyl) phthalate	35000	16000 D	16000 DJ	21000 D	18000 D
Di-n-octyl phthalate	100000	490 J	430 UJ	520 J	470 J
Benzo(b)fluoranthene	600	2300	140 J	1200	1100
Benzo(k)fluoranthene	900	2700	94 J	670	500 J
Benzo(a)pyrene	60	2500	90 J	850	710
Indeno(1,2,3-cd)pyrene	600	1800	84 J	630	600
Dibenzo(a,h)anthracene	60	680	430 UJ	240 J	280 J
Benzo(g,h,i)perylene	--	2000	94 J	690	680
4-Bromophenyl-phenylether	--	610 U	430 UJ	620 U	570 U
Total SVOC TICs		82600 NJ	14504 NJ	170700 NJ	80100

301318

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-9
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	SS04 CDE-SS04-00 BZG18 09/19/2000 / 08:45 0.5	SS05 CDE-SS05-00 BZG21 09/19/2000 / 10:00 0.5	SS06 CDE-SS06-00 BZG06 09/15/2000 / 11:34 0.5	SS06 CDE-SS06-12 BZG07 09/15/2000 / 12:00 2
CONSTITUENT					
Benzaldehyde	--	670 J	4700 UJ	830 UJ	83 J
Phenol	30000	730 UJ	4700 U	R	50 J
Bis(2-chloroethyl)ether	0.4	730 UJ	4700 U	830 UJ	400 UJ
2-Chlorophenol	4000	730 UJ	4700 U	R	400 UJ
2-Methylphenol	15000	730 UJ	4700 U	R	400 UJ
Bis(2-chloro-1-methylethyl) ether	10000	730 UJ	4700 U	830 UJ	400 UJ
Acetophenone	--	730 UJ	4700 U	110 J	140 J
4-Methylphenol	2800000	730 UJ	4700 U	R	400 UJ
N-Nitroso-di-n-propylamine	0.05	730 UJ	4700 U	830 UJ	400 UJ
Hexachloroethane	500	730 UJ	4700 U	830 UJ	400 UJ
Nitrobenzene	100	730 UJ	4700 U	830 UJ	400 UJ
Isophorone	500	730 UJ	4700 U	830 UJ	400 UJ
2-Nitrophenol	--	730 UJ	4700 U	R	400 UJ
2,4-Dimethylphenol	900	730 UJ	4700 U	R	400 UJ
Bis(2-chloroethoxy)methane	--	730 UJ	4700 U	830 UJ	400 UJ
2,4-Dichlorophenol	1000	730 UJ	4700 U	R	400 UJ
Naphthalene	84000	270 J	4700 U	830 UJ	400 UJ
4-Chloroaniline	700	730 UJ	4700 U	830 UJ	400 UJ
Hexachlorobutadiene	1000	730 UJ	4700 U	830 UJ	400 UJ
Caprolactam	--	730 UJ	4700 U	830 UJ	400 UJ
4-Chloro-3-methylnaphthalene	100000	730 UJ	4700 U	R	400 UJ
2-Methylnaphthalene	--	380 J	4700 U	830 UJ	400 UJ
Hexachlorocyclopentadiene	10000	730 UJ	4700 UJ	830 UJ	400 UJ

301319

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-9
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	SS04 CDE-SS04-00 BZG18 09/19/2000 / 08:45 0.5	SS05 CDE-SS05-00 BZG21 09/19/2000 / 10:00 0.5	SS06 CDE-SS06-00 BZG06 09/15/2000 / 11:34 0.5	SS06 CDE-SS06-12 BZG07 09/15/2000 / 12:00 2
CONSTITUENT					
2,4,6-Trichlorophenol	200	730 UJ	4700 U	R	400 UJ
2,4,5-Trichlorophenol	9000	1800 UJ	12000 U	R	1000 UJ
Biphenyl, 1,1-	60000	76 J	4700 U	830 UJ	400 UJ
2-Chloronaphthalene	--	730 UJ	4700 U	830 UJ	400 UJ
2-Nitroaniline	--	1800 UJ	12000 U	2100 UJ	1000 UJ
Dimethyl phthalate	50000	730 UJ	4700 U	830 UJ	400 UJ
2,6-Dinitrotoluene	0.7	730 UJ	4700 U	830 UJ	400 UJ
Acenaphthylene	--	440 J	4700 U	830 UJ	73 J
3-Nitroaniline	--	1800 UJ	12000 U	R	R
Acenaphthene	20000	220 J	4700 U	830 UJ	400 UJ
2,4-Dinitrophenol	200	1800 UJ	12000 U	R	1000 UJ
4-Nitrophenol	7000	1800 UJ	12000 U	R	1000 UJ
Dibenzofuran	--	190 J	4700 U	830 UJ	400 UJ
2,4-Dinitrotoluene	0.8	730 UJ	4700 U	830 UJ	400 UJ
Diethyl phthalate	50000	730 UJ	4700 U	830 UJ	400 UJ
Fluorene	100000	200 J	4700 U	830 UJ	400 UJ
4-Chlorophenyl phenyl ether	--	730 UJ	4700 U	830 UJ	400 UJ
4-Nitroaniline	--	1800 UJ	12000 UJ	2100 UJ	1000 UJ
4,6-Dinitro-2-methylphenol	--	1800 UJ	12000 U	R	1000 UJ
N-Nitrosodiphenylamine	1000	730 UJ	4700 U	830 UJ	400 UJ
Hexachlorobenzene	300	730 UJ	4700 U	830 UJ	400 UJ
Atrazine	--	730 UJ	4700 U	830 UJ	400 UJ
Pentachlorophenol	30	1800 UJ	12000 U	R	1000 UJ

301320

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-9
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	SS04 CDE-SS04-00 BZG18 09/19/2000 / 08:45 0.5	SS05 CDE-SS05-00 BZG21 09/19/2000 / 10:00 0.5	SS06 CDE-SS06-00 BZG06 09/15/2000 / 11:34 0.5	SS06 CDE-SS06-12 BZG07 09/15/2000 / 12:00 2
CONSTITUENT					
Phenanthrene	--	2000 J	4700 U	830 UJ	280 J
Anthracene	100000	630 J	4700 U	830 UJ	130 J
Carbazole	600	330 J	4700 U	830 UJ	160 J
Di-n-butyl phthalate	100000	720 J	4700 U	830 UJ	400 UJ
Fluoranthene	100000	3800 J	4700 U	830 UJ	540 J
Pyrene	100000	4200 J	4700 U	830 UJ	650 J
Butyl benzyl phthalate	100000	5800 J	4700 U	830 UJ	400 UJ
3,3'-Dichlorobenzidine	7	730 UJ	4700 UJ	830 UJ	400 UJ
Benzo(a)anthracene	600	2200 J	4700 U	830 UJ	310 J
Chrysene	9000	2800 J	4700 U	830 UJ	350 J
bis(2-Ethylhexyl) phthalate	35000	17000 DJ	4700 U	110 J	210 J
Di-n-octyl phthalate	100000	1200 J	4700 UJ	830 UJ	400 UJ
Benzo(b)fluoranthene	600	3300 J	4700 U	830 UJ	400 J
Benzo(k)fluoranthene	900	2600 J	4700 U	830 UJ	400 J
Benzo(a)pyrene	60	2800 J	4700 U	830 UJ	440 J
Indeno(1,2,3-cd)pyrene	600	2300 J	4700 U	830 UJ	760 J
Dibenzo(a,h)anthracene	60	830 J	4700 U	830 UJ	210 J
Benzo(g,h,i)perylene	--	2600 J	4700 U	830 UJ	720 J
4-Bromophenyl-phenylether	--	730 UJ	4700 U	830 UJ	400 UJ
Total SVOC TICs		90000 NJ	1077800 NJ	510 NJ	47770 NJ

301321

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-9
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	SS07 CDE-SS07-00 BZG02 09/15/2000 / 08:54 0.5	SS08 CDE-SS08-00 BZG04 09/15/2000 / 10:36 0.5	SS08 CDE-SS08-12 BZG05 09/15/2000 / 10:55 2	SS09 CDE-SS09-00 BZG03 09/15/2000 / 10:01 0.5
CONSTITUENT					
Benzaldehyde	--	400 UJ	100 J	380 UJ	380000 UJ
Phenol	30000	400 UJ	59 J	380 UJ	380000 UJ
Bis(2-chloroethyl)ether	0.4	400 UJ	430 UJ	380 UJ	380000 UJ
2-Chlorophenol	4000	400 UJ	430 UJ	380 UJ	380000 UJ
2-Methylphenol	15000	400 UJ	430 UJ	380 UJ	380000 UJ
Bis(2-chloro-1-methylethyl) ether	10000	400 UJ	430 UJ	380 UJ	380000 UJ
Acetophenone	--	83 J	340 J	43 J	380000 UJ
4-Methylphenol	2800000	400 UJ	430 UJ	380 UJ	380000 UJ
N-Nitroso-di-n-propylamine	0.05	400 UJ	430 UJ	380 UJ	380000 UJ
Hexachloroethane	500	400 UJ	430 UJ	380 UJ	380000 UJ
Nitrobenzene	100	400 UJ	430 UJ	380 UJ	380000 UJ
Isophorone	500	400 UJ	430 UJ	380 UJ	380000 UJ
2-Nitrophenol	--	400 UJ	430 UJ	380 UJ	380000 UJ
2,4-Dimethylphenol	900	400 UJ	430 UJ	380 UJ	380000 UJ
Bis(2-chloroethoxy)methane	--	400 UJ	430 UJ	380 UJ	380000 UJ
2,4-Dichlorophenol	1000	400 UJ	430 UJ	380 UJ	380000 UJ
Naphthalene	84000	69 J	75 J	380 UJ	**130000 J**
4-Chloroaniline	700	400 UJ	430 UJ	380 UJ	380000 UJ
Hexachlorobutadiene	1000	400 UJ	430 UJ	380 UJ	380000 UJ
Caprolactam	--	400 UJ	430 UJ	380 UJ	380000 UJ
4-Chloro-3-methylnaphthalene	100000	400 UJ	430 UJ	380 UJ	380000 UJ
2-Methylnaphthalene	--	52 J	430 UJ	380 UJ	460000 J
Hexachlorocyclopentadiene	10000	400 UJ	430 UJ	380 UJ	380000 UJ

301322

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-9
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	SS07 CDE-SS07-00 BZG02 09/15/2000 / 08:54 0.5	SS08 CDE-SS08-00 BZG04 09/15/2000 / 10:36 0.5	SS08 CDE-SS08-12 BZG05 09/15/2000 / 10:55 2	SS09 CDE-SS09-00 BZG03 09/15/2000 / 10:01 0.5
CONSTITUENT					
2,4,6-Trichlorophenol	200	400 UJ	430 UJ	380 UJ	380000 UJ
2,4,5-Trichlorophenol	9000	1000 UJ	1100 UJ	940 UJ	970000 UJ
Biphenyl, 1,1-	60000	400 UJ	430 UJ	380 UJ	100000 J
2-Chloronaphthalene	--	400 UJ	430 UJ	380 UJ	380000 UJ
2-Nitroaniline	--	1000 UJ	1100 UJ	940 UJ	970000 UJ
Dimethyl phthalate	50000	400 UJ	430 UJ	380 UJ	380000 UJ
2,6-Dinitrotoluene	0.7	400 UJ	430 UJ	380 UJ	380000 UJ
Acenaphthylene	--	71 J	63 J	380 UJ	380000 UJ
3-Nitroaniline	--	R	R	R	R
Acenaphthene	20000	85 J	66 J	54 J	2800000
2,4-Dinitrophenol	200	1000 UJ	1100 UJ	940 UJ	970000 UJ
4-Nitrophenol	7000	1000 UJ	1100 UJ	940 UJ	970000 UJ
Dibenzofuran	--	76 J	47 J	380 UJ	1700000 J
2,4-Dinitrotoluene	0.8	400 UJ	430 UJ	380 UJ	380000 UJ
Diethyl phthalate	50000	400 UJ	430 UJ	380 UJ	380000 UJ
Fluorene	100000	87 J	60 J	50 J	2000000 J
4-Chlorophenyl phenyl ether	--	400 UJ	430 UJ	380 UJ	380000 UJ
4-Nitroaniline	--	1000 UJ	1100 UJ	940 UJ	970000 UJ
4,6-Dinitro-2-methylphenol	--	1000 UJ	1100 UJ	940 UJ	970000 UJ
N-Nitrosodiphenylamine	1000	400 UJ	430 UJ	380 UJ	380000 UJ
Hexachlorobenzene	300	400 UJ	430 UJ	380 UJ	380000 UJ
Atrazine	--	400 UJ	430 UJ	380 UJ	380000 UJ
Pentachlorophenol	30	1000 UJ	1100 UJ	940 UJ	970000 UJ

301323

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-9
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	SS07 CDE-SS07-00 BZG02 09/15/2000 / 08:54 0.5	SS08 CDE-SS08-00 BZG04 09/15/2000 / 10:36 0.5	SS08 CDE-SS08-12 BZG05 09/15/2000 / 10:55 2	SS09 CDE-SS09-00 BZG03 09/15/2000 / 10:01 0.5
CONSTITUENT					
Phenanthrene	--	1000 J	510 J	210 J	7000000 DJ
Anthracene	100000	250 J	140 J	380 UJ	1200000 J
Carbazole	600	360 J	170 J	380 UJ	R
Di-n-butyl phthalate	100000	400 U	430 UJ	380 UJ	380000 UJ
Fluoranthene	100000	1200 J	930 J	120 J	4000000 DJ
Pyrene	100000	140 J	870 J	97 J	2600000 J
Butyl benzyl phthalate	100000	400 UJ	430 UJ	380 J	380000 UJ
3,3'-Dichlorobenzidine	7	400 UJ	430 UJ	380 UJ	380000 UJ
Benzo(a)anthracene	600	730 J	460 J	380 UJ	920000 J
Chrysene	9000	830 J	560 J	380 UJ	830000 J
bis(2-Ethylhexyl) phthalate	35000	64 J	220 J	440 J	380000 UJ
Di-n-octyl phthalate	100000	400 UJ	430 UJ	380 UJ	380000 UJ
Benzo(b)fluoranthene	600	930 J	470 J	380 UJ	450000 J
Benzo(k)fluoranthene	900	710 J	430 J	380 UJ	450000 J
Benzo(a)pyrene	60	790 J	450 J	380 UJ	520000 J
Indeno(1,2,3-cd)pyrene	600	550 J	300 J	380 UJ	260000 J
Dibenzo(a,h)anthracene	60	150 J	79 J	380 UJ	66000 J
Benzo(g,h,i)perylene	--	400 J	180 J	380 UJ	200000 J
4-Bromophenyl-phenylether	--	400 UJ	430 UJ	380 UJ	380000 UJ
Total SVOC TICs		44140 NJ	21270 NJ	1450 NJ	10140000 NJ

301324

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-9
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	MW01 CDE-MW01-00 BZE31 08/02/2000 / 11:10 2	MW01A CDE-MW01A-00 BZE48 08/07/2000 / 11:40 1.17	MW02 CDE-MW02-00 BZE34 08/02/2000 / 15:15 2	MW03 CDE-MW03-00 BZE42 08/03/2000 / 14:45 2
CONSTITUENT					
Benzaldehyde	--	370 UJ	350 UJ	450 UJ	40 J
Phenol	30000	370 UJ	R	450 UJ	380 U
Bis(2-chloroethyl)ether	0.4	370 UJ	350 UJ	450 UJ	380 UJ
2-Chlorophenol	4000	370 UJ	R	450 UJ	380 U
2-Methylphenol	15000	370 UJ	R	450 UJ	380 U
Bis(2-chloro-1-methylethyl) ether	10000	370 UJ	350 UJ	450 UJ	380 UJ
Acetophenone	--	370 UJ	55 J	450 UJ	380 U
4-Methylphenol	2800000	370 UJ	R	450 UJ	380 U
N-Nitroso-di-n-propylamine	0.05	370 UJ	350 UJ	450 UJ	380 UJ
Hexachloroethane	500	370 UJ	350 UJ	450 UJ	380 U
Nitrobenzene	100	370 UJ	350 UJ	450 UJ	380 U
Isophorone	500	370 UJ	350 UJ	450 UJ	380 UJ
2-Nitrophenol	--	370 UJ	R	450 UJ	380 U
2,4-Dimethylphenol	900	370 UJ	R	450 UJ	380 U
Bis(2-chloroethoxy)methane	--	370 UJ	350 UJ	450 UJ	380 UJ
2,4-Dichlorophenol	1000	370 UJ	R	450 UJ	380 U
Naphthalene	84000	370 UJ	350 UJ	450 UJ	380 U
4-Chloroaniline	700	370 UJ	350 UJ	450 UJ	380 U
Hexachlorobutadiene	1000	370 UJ	350 UJ	450 UJ	380 UJ
Caprolactam	--	370 UJ	350 UJ	450 UJ	380 U
4-Chloro-3-methylnaphthalene	100000	370 UJ	R	450 UJ	380 U
2-Methylnaphthalene	--	370 UJ	350 UJ	450 UJ	380 U
Hexachlorocyclopentadiene	10000	370 UJ	350 UJ	450 UJ	380 U

301325

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-9
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	MW01 CDE-MW01-00 BZE31 08/02/2000 / 11:10 2	MW01A CDE-MW01A-00 BZE48 08/07/2000 / 11:40 1.17	MW02 CDE-MW02-00 BZE34 08/02/2000 / 15:15 2	MW03 CDE-MW03-00 BZE42 08/03/2000 / 14:45 2
CONSTITUENT					
2,4,6-Trichlorophenol	200	370 UJ	R	450 UJ	380 U
2,4,5-Trichlorophenol	9000	920 UJ	R	1100 UJ	950 U
Biphenyl, 1,1-	60000	370 UJ	350 UJ	450 UJ	380 U
2-Chloronaphthalene	--	370 UJ	350 UJ	450 UJ	380 U
2-Nitroaniline	--	920 UJ	890 UJ	1100 UJ	950 UJ
Dimethyl phthalate	50000	370 UJ	350 UJ	450 UJ	160 J
2,6-Dinitrotoluene	0.7	370 UJ	350 UJ	450 UJ	380 U
Acenaphthylene	--	370 UJ	350 UJ	450 UJ	380 U
3-Nitroaniline	--	920 UJ	890 UJ	1100 UJ	950 U
Acenaphthene	20000	370 UJ	350 UJ	450 UJ	380 U
2,4-Dinitrophenol	200	920 UJ	R	1100 UJ	950 U
4-Nitrophenol	7000	920 UJ	R	1100 UJ	950 U
Dibenzofuran	--	370 UJ	350 UJ	450 UJ	380 U
2,4-Dinitrotoluene	0.8	370 UJ	350 UJ	450 UJ	380 U
Diethyl phthalate	50000	370 UJ	350 UJ	450 UJ	380 U
Fluorene	100000	370 UJ	350 UJ	450 UJ	380 U
4-Chlorophenyl phenyl ether	--	370 UJ	350 UJ	450 UJ	380 U
4-Nitroaniline	--	920 UJ	890 UJ	1100 UJ	950 UJ
4,6-Dinitro-2-methylphenol	--	920 UJ	R	1100 UJ	950 U
N-Nitrosodiphenylamine	1000	370 UJ	350 UJ	450 UJ	380 U
Hexachlorobenzene	300	370 UJ	350 UJ	450 UJ	380 U
Atrazine	--	370 UJ	350 UJ	450 UJ	380 U
Pentachlorophenol	30	920 UJ	R	1100 UJ	950 U

301326

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-9
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	MW01 CDE-MW01-00 BZE31 08/02/2000 / 11:10 2	MW01A CDE-MW01A-00 BZE48 08/07/2000 / 11:40 1.17	MW02 CDE-MW02-00 BZE34 08/02/2000 / 15:15 2	MW03 CDE-MW03-00 BZE42 08/03/2000 / 14:45 2
CONSTITUENT					
Phenanthrene	--	370 UJ	350 UJ	67 J	140 J
Anthracene	100000	370 UJ	350 UJ	450 UJ	42 J
Carbazole	600	370 UJ	350 UJ	450 UJ	380 U
Di-n-butyl phthalate	100000	370 UJ	350 UJ	450 UJ	380 U
Fluoranthene	100000	370 UJ	65 J	64 J	200 J
Pyrene	100000	370 UJ	65 J	59 J	170 J
Butyl benzyl phthalate	100000	370 UJ	350 UJ	450 UJ	77 J
3,3'-Dichlorobenzidine	7	370 UJ	350 UJ	450 UJ	380 U
Benzo(a)anthracene	600	370 UJ	43 J	450 UJ	130 J
Chrysene	9000	370 UJ	56 J	92 J	150 J
bis(2-Ethylhexyl) phthalate	35000	200 J	350 UJ	180 J	230 J
Di-n-octyl phthalate	100000	370 UJ	350 UJ	450 UJ	50 J
Benzo(b)fluoranthene	600	370 UJ	98 J	90 J	140 J
Benzo(k)fluoranthene	900	370 UJ	350 UJ	450 UJ	120 J
Benzo(a)pyrene	60	370 UJ	72 J	48 J	130 J
Indeno(1,2,3-cd)pyrene	600	370 UJ	63 J	47 J	89 J
Dibenzo(a,h)anthracene	60	370 UJ	350 UJ	450 UJ	380 U
Benzo(g,h,i)perylene	--	370 UJ	67 J	51 J	82 J
4-Bromophenyl-phenylether	--	370 UJ	350 UJ	450 UJ	380 U
Total SVOC TICs		6330 NJ	6681 NJ	34620 NJ	6880 NJ

301327

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-9
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	MW04 CDE-MW04-00 BZE87 08/15/2000 / 13:20 2	MW05 CDE-MW05-00 BZF07 08/18/2000 / 09:19 2	MW05 CDE-MW05-01 BZF18 Duplicate of CDE-MW05-00	MW06 CDE-MW06-00 BZE50 08/08/2000 / 09:00 2
CONSTITUENT					
Benzaldehyde	--	3700 UJ	1900 UJ	2000 UJ	170 J
Phenol	30000	3700 UJ	1900 U	2000 U	1500 U
Bis(2-chloroethyl)ether	0.4	3700 UJ	1900 U	2000 U	1500 U
2-Chlorophenol	4000	3700 UJ	1900 U	2000 U	1500 U
2-Methylphenol	15000	3700 UJ	1900 U	2000 U	1500 U
Bis(2-chloro-1-methylethyl) ether	10000	3700 UJ	1900 U	2000 U	1500 U
Acetophenone	--	3700 UJ	1900 U	2000 UJ	760 J
4-Methylphenol	2800000	3700 UJ	1900 U	2000 U	1500 U
N-Nitroso-di-n-propylamine	0.05	3700 UJ	1900 U	2000 U	1500 U
Hexachloroethane	500	3700 UJ	1900 U	2000 U	1500 U
Nitrobenzene	100	3700 UJ	1900 U	2000 U	1500 U
Isophorone	500	3700 UJ	1900 U	2000 U	1500 U
2-Nitrophenol	--	3700 UJ	1900 U	2000 U	1500 U
2,4-Dimethylphenol	900	3700 UJ	1900 U	2000 U	1500 U
Bis(2-chloroethoxy)methane	--	3700 UJ	1900 U	2000 U	1500 U
2,4-Dichlorophenol	1000	3700 UJ	1900 U	2000 U	1500 U
Naphthalene	84000	720 J	320 J	260 J	10000
4-Chloroaniline	700	3700 UJ	1900 U	2000 U	1500 U
Hexachlorobutadiene	1000	3700 UJ	1900 U	2000 U	1500 U
Caprolactam	--	3700 UJ	1900 U	2000 UJ	1500 U
4-Chloro-3-methylnaphthalene	100000	3700 UJ	1900 U	2000 U	1500 U
2-Methylnaphthalene	--	2200 J	630 J	530 J	4700
Hexachlorocyclopentadiene	10000	3700 UJ	1900 U	2000 U	1500 U

301328

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-9
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	MW04 CDE-MW04-00 BZE87 08/15/2000 / 13:20 2	MW05 CDE-MW05-00 BZF07 08/18/2000 / 09:19 2	MW05 CDE-MW05-01 BZF18 Duplicate of CDE-MW05-00	MW06 CDE-MW06-00 BZE50 08/08/2000 / 09:00 2
CONSTITUENT					
2,4,6-Trichlorophenol	200	3700 UJ	1900 U	2000 U	1500 U
2,4,5-Trichlorophenol	9000	9400 UJ	4900 U	4900 U	3800 U
Biphenyl, 1,1-	60000	3700 UJ	1900 UJ	2000 UJ	1600
2-Chloronaphthalene	--	3700 UJ	1900 U	2000 U	1500 U
2-Nitroaniline	--	9400 UJ	4900 U	4900 U	3800 U
Dimethyl phthalate	50000	3700 UJ	1900 U	2000 U	170 J
2,6-Dinitrotoluene	0.7	3700 UJ	1900 U	2000 U	1500 U
Acenaphthylene	--	3700 UJ	1900 U	2000 U	1500 U
3-Nitroaniline	--	9400 UJ	4900 U	4900 U	3800 U
Acenaphthene	20000	3700 UJ	1900 U	2000 U	48000 D
2,4-Dinitrophenol	200	9400 UJ	4900 UJ	4900 U	3800 UJ
4-Nitrophenol	7000	9400 UJ	4900 U	4900 U	3800 U
Dibenzofuran	--	660 J	240 J	210 J	18000
2,4-Dinitrotoluene	0.8	3700 UJ	1900 U	2000 U	1500 U
Diethyl phthalate	50000	3700 UJ	1900 U	2000 U	2500
Fluorene	100000	3700 UJ	1900 U	2000 U	30000 D
4-Chlorophenyl phenyl ether	--	3700 UJ	1900 U	2000 U	1500 U
4-Nitroaniline	--	9400 UJ	4900 U	4900 U	3800 U
4,6-Dinitro-2-methylphenol	--	9400 UJ	4900 U	4900 U	3800 U
N-Nitrosodiphenylamine	1000	3700 UJ	1900 U	2000 U	1500 U
Hexachlorobenzene	300	3700 UJ	1900 U	2000 U	1500 U
Atrazine	--	3700 UJ	1900 U	2000 UJ	1500 U
Pentachlorophenol	30	9400 UJ	4900 U	4900 U	3800 U

301329

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-9
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	MW04 CDE-MW04-00 BZE87 08/15/2000 / 13:20 2	MW05 CDE-MW05-00 BZF07 08/18/2000 / 09:19 2	MW05 CDE-MW05-01 BZF18 Duplicate of CDE-MW05-00	MW06 CDE-MW06-00 BZE50 08/08/2000 / 09:00 2
CONSTITUENT					
Phenanthrene	--	720 J	870 J	1000 J	270000 D
Anthracene	100000	3700 UJ	1900 U	2000 U	68000 D
Carbazole	600	3700 UJ	1900 U	2000 U	42000 D
Di-n-butyl phthalate	100000	3700 UJ	1900 U	2000 U	1500 U
Fluoranthene	100000	3700 UJ	1900 U	2000 U	390000 D
Pyrene	100000	3700 UJ	220 J	2000 U	350000 D
Butyl benzyl phthalate	100000	3700 UJ	1900 U	2000 U	1500 U
3,3'-Dichlorobenzidine	7	3700 UJ	1900 U	2000 U	1500 U
Benzo(a)anthracene	600	3700 UJ	510 J	570 J	220000 D
Chrysene	9000	3700 UJ	1300 J	930 J	240000 D
bis(2-Ethylhexyl) phthalate	35000	3700 UJ	1900 U	210 J	1500 U
Di-n-octyl phthalate	100000	3700 UJ	1900 U	2000 U	1500 U
Benzo(b)fluoranthene	600	3700 UJ	490 J	490 J	360000 D
Benzo(k)fluoranthene	900	3700 UJ	440 J	280 J	140000 D
Benzo(a)pyrene	60	3700 UJ	410 J	250 J	340000 D
Indeno(1,2,3-cd)pyrene	600	3700 UJ	1900 U	2000 UJ	1500 U
Dibenzo(a,h)anthracene	60	3700 UJ	1900 U	2000 UJ	47000 D
Benzo(g,h,i)perylene	--	3700 UJ	1900 U	2000 UJ	220000 D
4-Bromophenyl-phenylether	--	3700 UJ	1900 U	2000 U	1500 U
Total SVOC TICs		25690 NJ	136030 NJ	216050 NJ	151770 NJ

301330

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-9
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	MW07 CDE-MW07-00 BZE27 08/01/2000 / 09:00 2	MW08 CDE-MW08-00 BZE22 07/20/2000 / 12:50 0.5	MW09 CDE-MW09-00 BZG12 09/18/2000 / 09:30 0.5	MW10 CDE-MW10-00 BZE23 07/20/2000 / 10:40 0.5
CONSTITUENT					
Benzaldehyde	--	5600 U	370 U	190 J	370 U
Phenol	30000	5600 U	370 U	370 U	370 U
Bis(2-chloroethyl)ether	0.4	5600 U	370 U	370 U	370 U
2-Chlorophenol	4000	5600 U	370 U	370 U	370 U
2-Methylphenol	15000	5600 U	370 U	370 U	370 U
Bis(2-chloro-1-methylethyl) ether	10000	5600 UJ	370 U	370 U	370 U
Acetophenone	--	5600 U	370 U	130 J	370 U
4-Methylphenol	2800000	5600 U	370 U	370 U	370 U
N-Nitroso-di-n-propylamine	0.05	5600 UJ	370 U	370 U	370 U
Hexachloroethane	500	5600 U	370 U	370 U	370 U
Nitrobenzene	100	5600 U	370 U	370 U	370 U
Isophorone	500	5600 U	370 U	370 U	370 U
2-Nitrophenol	--	5600 U	370 U	370 U	370 U
2,4-Dimethylphenol	900	5600 U	370 U	370 U	370 U
Bis(2-chloroethoxy)methane	--	5600 U	370 U	370 U	370 U
2,4-Dichlorophenol	1000	5600 U	370 U	370 U	370 U
Naphthalene	84000	950 J	370 U	130 J	370 U
4-Chloroaniline	700	5600 U	370 U	370 UJ	370 U
Hexachlorobutadiene	1000	5600 UJ	370 U	370 U	370 U
Caprolactam	--	5600 U	370 U	370 U	370 U
4-Chloro-3-methylnaphthalene	100000	5600 U	370 U	370 U	370 U
2-Methylnaphthalene	--	1100 J	370 U	73 J	370 U
Hexachlorocyclopentadiene	10000	5600 U	370 U	370 U	370 U

301331

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-9
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	MW07 CDE-MW07-00 BZE27 08/01/2000 / 09:00 2	MW08 CDE-MW08-00 BZE22 07/20/2000 / 12:50 0.5	MW09 CDE-MW09-00 BZG12 09/18/2000 / 09:30 0.5	MW10 CDE-MW10-00 BZE23 07/20/2000 / 10:40 0.5
CONSTITUENT					
2,4,6-Trichlorophenol	200	5600 U	370 U	370 U	370 U
2,4,5-Trichlorophenol	9000	14000 U	930 U	920 U	930 U
Biphenyl, 1,1-	60000	5600 U	370 U	23 J	370 U
2-Chloronaphthalene	--	5600 U	370 U	370 U	370 U
2-Nitroaniline	--	14000 UJ	930 U	920 U	930 U
Dimethyl phthalate	50000	5600 U	370 U	370 U	370 U
2,6-Dinitrotoluene	0.7	5600 U	370 U	370 U	370 U
Acenaphthylene	--	3300 J	370 U	180 J	370 U
3-Nitroaniline	--	14000 U	930 U	920 U	930 U
Acenaphthene	20000	1500 J	370 U	45 J	370 U
2,4-Dinitrophenol	200	14000 U	930 UJ	920 UJ	930 UJ
4-Nitrophenol	7000	14000 U	930 U	920 UJ	930 U
Dibenzofuran	--	840 J	370 U	49 J	370 U
2,4-Dinitrotoluene	0.8	5600 U	370 U	370 U	370 U
Diethyl phthalate	50000	5600 U	370 U	370 U	370 U
Fluorene	100000	2700 J	370 U	53 J	370 U
4-Chlorophenyl phenyl ether	--	5600 U	370 U	370 U	370 U
4-Nitroaniline	--	14000 U	930 U	920 U	930 U
4,6-Dinitro-2-methylphenol	--	14000 U	930 UJ	920 UJ	930 U
N-Nitrosodiphenylamine	1000	5600 U	370 U	370 U	370 U
Hexachlorobenzene	300	5600 U	370 U	23 J	370 U
Atrazine	--	5600 U	370 U	370 U	370 U
Pentachlorophenol	30	14000 U	930 U	920 U	930 U

301332

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-9
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	MW07 CDE-MW07-00 BZE27 08/01/2000 / 09:00 2	MW08 CDE-MW08-00 BZE22 07/20/2000 / 12:50 0.5	MW09 CDE-MW09-00 BZG12 09/18/2000 / 09:30 0.5	MW10 CDE-MW10-00 BZE23 07/20/2000 / 10:40 0.5
CONSTITUENT					
Phenanthrene	--	23000	370 U	640	370 U
Anthracene	100000	5900	370 U	190 J	370 U
Carbazole	600	760 J	370 U	100 J	370 U
Di-n-butyl phthalate	100000	5600 U	370 U	370 U	370 U
Fluoranthene	100000	43000	370 U	750	53 J
Pyrene	100000	51000 D	370 U	1100	56 J
Butyl benzyl phthalate	100000	5600 U	370 U	370 U	370 U
3,3'-Dichlorobenzidine	7	5600 U	370 U	370 U	370 U
Benzo(a)anthracene	600	16000	370 U	740	370 U
Chrysene	9000	19000	370 U	890	370 U
bis(2-Ethylhexyl) phthalate	35000	5600 U	370 U	370 U	4200 D
Di-n-octyl phthalate	100000	5600 U	370 U	370 U	370 U
Benzo(b)fluoranthene	600	5600 U	370 U	840	43 J
Benzo(k)fluoranthene	900	19000	370 U	660 J	370 U
Benzo(a)pyrene	60	14000	370 U	770	370 U
Indeno(1,2,3-cd)pyrene	600	6000	370 U	620	370 U
Dibenzo(a,h)anthracene	60	2100 J	370 U	280 J	370 U
Benzo(g,h,i)perylene	--	6000	370 U	850	370 U
4-Bromophenyl-phenylether	--	5600 U	370 U	370 U	370 U
Total SVOC TICs		152400 NJ	80 J	39560 NJ	7310 NJ

301333

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-9
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	MW11 CDE-MW11-00 BZF26 08/22/2000 / 09:20 2	MW12 CDE-MW12-00 BZF77 09/05/2000 / 10:10 2
CONSTITUENT			
Benzaldehyde	--	7500 U	350 UJ
Phenol	30000	7500 U	350 UJ
Bis(2-chloroethyl)ether	0.4	7500 U	350 UJ
2-Chlorophenol	4000	7500 U	350 UJ
2-Methylphenol	15000	7500 U	350 UJ
Bis(2-chloro-1-methylethyl) ether	10000	7500 U	350 UJ
Acetophenone	--	7500 U	41 J
4-Methylphenol	2800000	7500 U	350 UJ
N-Nitroso-di-n-propylamine	0.05	7500 U	350 UJ
Hexachloroethane	500	7500 U	350 UJ
Nitrobenzene	100	7500 U	350 UJ
Isophorone	500	7500 U	350 UJ
2-Nitrophenol	--	7500 U	350 UJ
2,4-Dimethylphenol	900	7500 U	350 UJ
Bis(2-chloroethoxy)methane	--	7500 U	350 UJ
2,4-Dichlorophenol	1000	7500 U	350 UJ
Naphthalene	84000	7500 U	73 J
4-Chloroaniline	700	7500 U	350 UJ
Hexachlorobutadiene	1000	7500 U	350 UJ
Caprolactam	--	7500 U	350 UJ
4-Chloro-3-methylnaphthalene	100000	7500 U	350 UJ
2-Methylnaphthalene	--	7500 U	89 J
Hexachlorocyclopentadiene	10000	7500 U	350 UJ

301334

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-9
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	MW11 CDE-MW11-00 BZF26 08/22/2000 / 09:20 2	MW12 CDE-MW12-00 BZF77 09/05/2000 / 10:10 2
CONSTITUENT			
2,4,6-Trichlorophenol	200	7500 U	350 UJ
2,4,5-Trichlorophenol	9000	19000 U	870 UJ
Biphenyl, 1,1-	60000	7500 U	350 UJ
2-Chloronaphthalene	--	7500 U	350 UJ
2-Nitroaniline	--	19000 U	870 UJ
Dimethyl phthalate	50000	7500 U	350 UJ
2,6-Dinitrotoluene	0.7	7500 U	350 UJ
Acenaphthylene	--	7500 U	95 J
3-Nitroaniline	--	19000 U	870 UJ
Acenaphthene	20000	7500 U	390 J
2,4-Dinitrophenol	200	19000 UJ	870 UJ
4-Nitrophenol	7000	19000 U	870 UJ
Dibenzofuran	--	7500 U	130 J
2,4-Dinitrotoluene	0.8	7500 U	350 UJ
Diethyl phthalate	50000	7500 U	350 UJ
Fluorene	100000	7500 U	230 J
4-Chlorophenyl phenyl ether	--	7500 U	350 UJ
4-Nitroaniline	--	19000 U	870 UJ
4,6-Dinitro-2-methylphenol	--	19000 U	870 UJ
N-Nitrosodiphenylamine	1000	7500 U	350 UJ
Hexachlorobenzene	300	7500 U	350 UJ
Atrazine	--	7500 U	350 UJ
Pentachlorophenol	30	19000 UJ	870 UJ

301335

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-9
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	MW11 CDE-MW11-00 BZF26 08/22/2000 / 09:20 2	MW12 CDE-MW12-00 BZF77 09/05/2000 / 10:10 2
CONSTITUENT			
Phenanthrene	--	930 J	2500 J
Anthracene	100000	7500 U	630 J
Carbazole	600	7500 U	310 J
Di-n-butyl phthalate	100000	7500 U	350 UJ
Fluoranthene	100000	7500 U	5500 JD
Pyrene	100000	1400 J	4800 JD
Butyl benzyl phthalate	100000	7500 U	350 UJ
3,3'-Dichlorobenzidine	7	7500 U	350 UJ
Benzo(a)anthracene	600	850 J	2500 J
Chrysene	9000	1200 J	3200 JD
bis(2-Ethylhexyl) phthalate	35000	7500 U	180 J
Di-n-octyl phthalate	100000	7500 U	350 UJ
Benzo(b)fluoranthene	600	860 J	4300 JD
Benzo(k)fluoranthene	900	1200 J	1500 J
Benzo(a)pyrene	60	780 J	3300 JD
Indeno(1,2,3-cd)pyrene	600	7500 U	2500 J
Dibenzo(a,h)anthracene	60	7500 U	590 J
Benzo(g,h,i)perylene	--	7500 U	2300 J
4-Bromophenyl-phenylether	--	7500 U	350 UJ
Total SVOC TICs		134000 J	133570 ANJ

301336

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-10
PESTICIDES AND PCBs DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	SS01 CDE-SS01-00 BZG22 09/19/2000 / 11:25 0.5	SS02 CDE-SS02-00 BZG08 09/15/2000 / 14:06 0.5	SS03 CDE-SS03-00 BZG19 09/19/2000 / 09:20 0.5	SS03 CDE-SS03-01 BZG20 Duplicate of CDE-SS03-00	SS04 CDE-SS04-00 BZG18 09/19/2000 / 08:45 0.5
CONSTITUENT						
alpha-BHC	0.5	31 U	2.2 UJ	32 U	1500 U	19 UJ
delta-BHC	--	31 U	2.2 UJ	32 U	1500 U	19 UJ
gamma-BHC (Lindane)	9	31 U	2.2 UJ	32 U	1500 U	19 UJ
beta-BHC	3	31 U	2.2 UJ	32 U	1500 U	19 UJ
Heptachlor	100	31 U	2.2 UJ	32 UJ	1500 U	19 UJ
Aldrin	40	31 U	2.2 UJ	32 U	1500 U	19 UJ
Heptachlor epoxide	70	490 NJ	2.2 UJ	560 NJ	23000 NJ	190 NJ
Endosulfan I	18000	31 U	2.2 UJ	32 U	1500 U	19 UJ
Dieldrin	4	370	4.3 UJ	R	16000 J	R
4,4'-DDE	2000	2500 DJ	4.3 UJ	2400 DNJ	110000 DJ	940 DJ
Endrin	1000	R	4.3 UJ	R	R	R
Endosulfan II	18000	R	4.3 UJ	R	R	R
4,4'-DDD	3000	61 U	4.3 UJ	62 U	2800 U	37 UJ
Endosulfan sulfate	--	61 U	4.3 UJ	62 U	2800 U	37 UJ
4,4'-DDT	2000	61 U	4.3 UJ	62 U	2800 U	37 UJ
Methoxychlor	50000	310 U	22 UJ	320 U	2000 J	190 UJ
Endrin ketone	--	61 U	4.3 UJ	62 U	2800 U	37 UJ
Endrin aldehyde	--	270 J	4.3 UJ	320 J	10000 J	130 J
alpha-Chlordane	2000	R	2.2 UJ	R	R	230 NJ
gamma-Chlordane	2000	31 U	2.2 UJ	32 U	1500 U	320 NJ
Toxaphene	100	3100 U	220 UJ	3200 U	150000 U	1900 UJ

301337

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-10
PESTICIDES AND PCBs DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	SS01 CDE-SS01-00 BZG22 09/19/2000 / 11:25 0.5	SS02 CDE-SS02-00 BZG08 09/15/2000 / 14:06 0.5	SS03 CDE-SS03-00 BZG19 09/19/2000 / 09:20 0.5	SS03 CDE-SS03-01 BZG20 Duplicate of CDE-SS03-00	SS04 CDE-SS04-00 BZG18 09/19/2000 / 08:45 0.5
CONSTITUENT						
Aroclor 1016	371	610 U	43 UJ	620 U	28000 U	370 UJ
Aroclor 1221	371	1200 U	88 UJ	1300 U	57000 U	740 UJ
Aroclor 1232	371	610 U	43 UJ	620 U	28000 U	370 UJ
Aroclor 1242	371	610 U	43 UJ	620 U	28000 U	370 UJ
Aroclor 1248	371	610 U	43 UJ	620 U	28000 U	370 UJ
Aroclor 1254	371	41000 J	600 DJ	48000 J	1800000 J	16000 J
Aroclor 1260	371	610 U	43 UJ	620 U	28000 U	370 UJ
Total PCBs PPM		41	0.6	48	1800	16

301338

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-10
PESTICIDES AND PCBs DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	SS05 CDE-SS05-00 BZG21 09/19/2000 / 10:00 0.5	SS06 CDE-SS06-00 BZG06 09/15/2000 / 11:34 0.5	SS06 CDE-SS06-12 BZG07 09/15/2000 / 12:00 2	SS07 CDE-SS07-00 BZG02 09/15/2000 / 08:54 0.5	SS08 CDE-SS08-00 BZG04 09/15/2000 / 10:36 0.5
CONSTITUENT						
alpha-BHC	0.5	12000 U	4.3 UJ	2.1 UJ	820 UJ	75 J
delta-BHC	--	12000 U	4.3 UJ	2.1 UJ	820 UJ	22 UJ
gamma-BHC (Lindane)	9	12000 U	4.3 UJ	2.1 UJ	820 UJ	22 UJ
beta-BHC	3	12000 U	4.3 UJ	2.1 UJ	820 UJ	22 UJ
Heptachlor	100	12000 U	4.3 UJ	2.1 UJ	820 UJ	22 UJ
Aldrin	40	12000 U	4.3 UJ	2.1 UJ	820 UJ	22 UJ
Heptachlor epoxide	70	250000 NJ	4.3 UJ	2.1 UJ	820 UJ	22 UJ
Endosulfan I	18000	12000 U	4.3 UJ	2.1 UJ	820 UJ	22 UJ
Dieldrin	4	180000 J	8.5 UJ	4 UJ	1600 UJ	43 UJ
4,4'-DDE	2000	1200000 DJ	8.5 UJ	4 UJ	1600 UJ	43 UJ
Endrin	1000	R	8.5 UJ	4 UJ	1600 UJ	43 UJ
Endosulfan II	18000	R	8.5 UJ	4 UJ	1600 UJ	43 UJ
4,4'-DDD	3000	23000 U	8.5 UJ	4 UJ	1600 UJ	43 UJ
Endosulfan sulfate	--	23000 U	8.5 UJ	4 UJ	1600 UJ	43 UJ
4,4'-DDT	2000	23000 U	8.5 UJ	4 UJ	1600 UJ	43 UJ
Methoxychlor	50000	120000 U	43 UJ	21 UJ	8200 UJ	220 UJ
Endrin ketone	--	23000 U	8.5 UJ	4 UJ	1600 UJ	43 UJ
Endrin aldehyde	--	120000 J	8.5 UJ	4 UJ	1600 UJ	43 UJ
alpha-Chlordane	2000	R	4.3 UJ	2.1 UJ	820 UJ	22 UJ
gamma-Chlordane	2000	12000 U	4.3 UJ	2.1 UJ	820 UJ	22 UJ
Toxaphene	100	1200000 U	430 UJ	210 UJ	82000 UJ	2200 UJ

301339

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-10
PESTICIDES AND PCBs DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	SS05 CDE-SS05-00 BZG21 09/19/2000 / 10:00 0.5	SS06 CDE-SS06-00 BZG06 09/15/2000 / 11:34 0.5	SS06 CDE-SS06-12 BZG07 09/15/2000 / 12:00 2	SS07 CDE-SS07-00 BZG02 09/15/2000 / 08:54 0.5	SS08 CDE-SS08-00 BZG04 09/15/2000 / 10:36 0.5
CONSTITUENT						
Aroclor 1016	371	230000 U	85 UJ	40 UJ	16000 UJ	430 UJ
Aroclor 1221	371	480000 U	170 UJ	82 UJ	32000 UJ	880 UJ
Aroclor 1232	371	230000 U	85 UJ	40 UJ	16000 UJ	430 UJ
Aroclor 1242	371	230000 U	85 UJ	40 UJ	16000 UJ	430 UJ
Aroclor 1248	371	230000 U	85 UJ	40 UJ	16000 UJ	430 UJ
Aroclor 1254	371	19000000 J	430 J	1000 DJ	1600000 DJ	35000 DJ
Aroclor 1260	371	230000 U	85 UJ	40 UJ	16000 UJ	430 UJ
Total PCBs PPM		19000	0.43	1	1600	35

301340

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-10
PESTICIDES AND PCBs DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	SS08 CDE-SS08-12 BZG05 09/15/2000 / 10:55 2	SS09 CDE-SS09-00 BZG03 09/15/2000 / 10:01 0.5	MW01 CDE-MW01-00 BZE31 08/02/2000 / 11:10 2	MW01A CDE-MW01A-00 BZE48 08/07/2000 / 11:40 1.17	MW02 CDE-MW02-00 BZE34 08/02/2000 / 15:15 2
CONSTITUENT						
alpha-BHC	0.5	1.9 UJ	80 UJ	1.9 U	1.9 UJ	34 J
delta-BHC	--	1.9 UJ	80 UJ	1.9 U	1.9 UJ	12 U
gamma-BHC (Lindane)	9	1.9 UJ	80 UJ	1.9 U	1.9 UJ	12 U
beta-BHC	3	1.9 UJ	80 UJ	1.9 U	1.9 UJ	12 U
Heptachlor	100	1.9 UJ	80 UJ	1.9 U	1.9 UJ	12 U
Aldrin	40	1.9 UJ	80 UJ	1.9 U	14 J	12 U
Heptachlor epoxide	70	1.9 UJ	80 UJ	1.9 U	1.9 UJ	R
Endosulfan I	18000	1.9 UJ	80 UJ	1.9 U	1.9 UJ	R
Dieldrin	4	3.7 UJ	160 UJ	3.7 U	3.6 UJ	720 J
4,4'-DDE	2000	3.7 UJ	160 UJ	3.7 U	3.6 UJ	860 NJD
Endrin	1000	3.7 UJ	160 UJ	3.7 U	3.6 UJ	R
Endosulfan II	18000	3.7 UJ	160 UJ	3.7 U	3.6 UJ	23 U
4,4'-DDD	3000	3.7 UJ	160 UJ	3.7 U	3.6 UJ	23 U
Endosulfan sulfate	--	3.7 UJ	160 UJ	3.7 U	3.6 UJ	1500 D
4,4'-DDT	2000	3.7 UJ	160 UJ	3.7 U	3.6 UJ	23 U
Methoxychlor	50000	19 UJ	800 UJ	19 U	19 UJ	23 U
Endrin ketone	--	3.7 UJ	160 UJ	3.7 U	3.6 UJ	23 U
Endrin aldehyde	--	3.7 UJ	160 UJ	3.7 U	6.5 NJ	700 NJ
alpha-Chlordane	2000	1.9 UJ	80 UJ	1.9 U	1.9 UJ	12 U
gamma-Chlordane	2000	1.9 UJ	80 UJ	1.9 U	R	12 U
Toxaphene	100	190 UJ	8000 UJ	190 U	190 UJ	1200 U

301341

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-10
PESTICIDES AND PCBs DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	SS08 CDE-SS08-12 BZG05 09/15/2000 / 10:55 2	SS09 CDE-SS09-00 BZG03 09/15/2000 / 10:01 0.5	MW01 CDE-MW01-00 BZE31 08/02/2000 / 11:10 2	MW01A CDE-MW01A-00 BZE48 08/07/2000 / 11:40 1.17	MW02 CDE-MW02-00 BZE34 08/02/2000 / 15:15 2
CONSTITUENT						
Aroclor 1016	371	37 UJ	1600 UJ	37 U	36 UJ	230 U
Aroclor 1221	371	76 UJ	3200 UJ	74 U	73 UJ	460 U
Aroclor 1232	371	37 UJ	1600 UJ	37 U	36 UJ	230 U
Aroclor 1242	371	37 UJ	1600 UJ	37 U	36 UJ	230 U
Aroclor 1248	371	37 UJ	1600 UJ	37 U	36 UJ	230 U
Aroclor 1254	371	200 J	46000 DJ	47 J	840 J	68000 D
Aroclor 1260	371	37 UJ	1600 UJ	37 U	36 UJ	230 U
Total PCBs PPM		0.2	46	0.047	0.84	68

301342

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-10
PESTICIDES AND PCBs DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	MW03 CDE-MW03-00 BZE42 08/03/2000 / 14:45 2	MW04 CDE-MW04-00 BZE87 08/15/2000 / 13:20 2	MW05 CDE-MW05-00 BZF07 08/18/2000 / 09:19 2	MW05 CDE-MW05-01 BZF18 Duplicate of CDE-MW05-00	MW06 CDE-MW06-00 BZE50 08/08/2000 / 09:00 2
CONSTITUENT						
alpha-BHC	0.5	7.2 J	1.9 UJ	20000 U	2000 U	2000 U
delta-BHC	--	2 U	1.9 UJ	20000 U	R	2000 U
gamma-BHC (Lindane)	9	2 U	1.9 UJ	20000 U	2000 U	2000 U
beta-BHC	3	R	1.9 UJ	20000 U	2000 U	R
Heptachlor	100	7.5 NJ	5.8 J	R	2000 U	2000 U
Aldrin	40	2 U	1.9 UJ	130000 NJ	2000 U	55000 DNJ
Heptachlor epoxide	70	2 U	52 JD	100000 NJ	27000	2000 U
Endosulfan I	18000	R	1.9 UJ	20000 U	2000 U	2000 U
Dieldrin	4	71 D	3.7 UJ	520000	R	3800 U
4,4'-DDE	2000	53 NJ	39 J	150000 NJ	220000 D	3800 U
Endrin	1000	R	9.1 J	39000 U	3900 U	R
Endosulfan II	18000	3.8 U	3.7 UJ	39000 U	3900 U	3800 U
4,4'-DDD	3000	3.8 U	3.7 UJ	39000 U	3900 U	3800 U
Endosulfan sulfate	--	83 D	R	39000 U	3900 U	3800 U
4,4'-DDT	2000	3.8 U	7.4 J	39000 U	35000 NJ	3800 U
Methoxychlor	50000	3.8 U	54 J	200000 U	20000 U	20000 U
Endrin ketone	--	3.8 U	25 J	39000 U	3900 U	3800 U
Endrin aldehyde	--	54 NJD	3.7 UJ	39000 U	3900 U	9300 NJ
alpha-Chlordane	2000	2 U	12 NJ	20000 U	2000 U	2000 U
gamma-Chlordane	2000	2 U	1.9 UJ	20000 U	R	R
Toxaphene	100	200 U	190 UJ	2000000 U	200000 U	200000 U

301343

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-10
PESTICIDES AND PCBs DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	MW03 CDE-MW03-00 BZE42 08/03/2000 / 14:45 2	MW04 CDE-MW04-00 BZE87 08/15/2000 / 13:20 2	MW05 CDE-MW05-00 BZF07 08/18/2000 / 09:19 2	MW05 CDE-MW05-01 BZF18 Duplicate of CDE-MW05-00	MW06 CDE-MW06-00 BZE50 08/08/2000 / 09:00 2
CONSTITUENT						
Aroclor 1016	371	38 U	37 UJ	390000 U	39000 U	38000 U
Aroclor 1221	371	77 U	75 UJ	790000 U	79000 U	78000 U
Aroclor 1232	371	38 U	37 UJ	390000 U	39000 U	38000 U
Aroclor 1242	371	38 U	37 UJ	390000 U	39000 U	38000 U
Aroclor 1248	371	38 U	620 JD	1300000	39000 U	38000 U
Aroclor 1254	371	5100 D	3300 JD	5900000 JD	4900000 D	1600000
Aroclor 1260	371	38 U	37 UJ	390000 U	39000 U	38000 U
Total PCBs PPM		5.1	3.92	7200	4900	1600

301344

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-10
PESTICIDES AND PCBs DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	MW07 CDE-MW07-00 BZE27 08/01/2000 / 09:00 2	MW08 CDE-MW08-00 BZE22 07/20/2000 / 12:50 0.5	MW09 CDE-MW09-00 BZG12 09/18/2000 / 09:30 0.5	MW10 CDE-MW10-00 BZE23 07/20/2000 / 10:40 0.5	MW11 CDE-MW11-00 BZF26 08/22/2000 / 09:20 2
CONSTITUENT						
alpha-BHC	0.5	54 NJ	1.9 U	2400	1.9 U	1400
delta-BHC	--	9.7 U	1.9 U	380 U	1.9 U	970 U
gamma-BHC (Lindane)	9	9.7 U	1.9 U	380 U	1.9 U	970 U
beta-BHC	3	R	1.9 U	380 U	1.9 U	970 U
Heptachlor	100	82 NJ	1.9 U	1900 J	1.9 U	970 U
Aldrin	40	9.7 U	1.9 U	380 U	1.9 U	970 U
Heptachlor epoxide	70	R	1.9 U	3000 NJ	1.9 U	970 U
Endosulfan I	18000	R	1.9 U	380 U	1.9 U	R
Dieldrin	4	530 D	3.7 U	29000 DNJ	3.7 U	38000 NJ
4,4'-DDE	2000	530 NJD	2.4 NJ	25000 DJ	7.8 J	40000 NJ
Endrin	1000	R	3.7 U	730 U	3.7 U	1900 U
Endosulfan II	18000	19 U	3.7 U	730 U	3.7 U	1900 U
4,4'-DDD	3000	19 U	3.7 U	730 U	3.7 U	1900 U
Endosulfan sulfate	--	470 JD	3.2 J	730 U	12 J	59000 JD
4,4'-DDT	2000	19 U	3.7 U	42000	3.7 U	1900 U
Methoxychlor	50000	97 U	19 U	3800 UJ	19 U	9700 U
Endrin ketone	--	19 U	3.7 U	730 U	3.7 U	1900 U
Endrin aldehyde	--	340 NJD	3.7 U	4500 NJ	3.7 U	970 U
alpha-Chlordane	2000	9.7 U	1.9 U	380 U	1.9 U	970 U
gamma-Chlordane	2000	9.7 U	1.9 U	20000 DJ	R	970 U
Toxaphene	100	970 U	190 U	38000 U	190 U	97000 U

301345

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-10
PESTICIDES AND PCBs DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	MW07 CDE-MW07-00 BZE27 08/01/2000 / 09:00 2	MW08 CDE-MW08-00 BZE22 07/20/2000 / 12:50 0.5	MW09 CDE-MW09-00 BZG12 09/18/2000 / 09:30 0.5	MW10 CDE-MW10-00 BZE23 07/20/2000 / 10:40 0.5	MW11 CDE-MW11-00 BZF26 08/22/2000 / 09:20 2
CONSTITUENT						
Aroclor 1016	371	190 U	37 U	7300 U	37 U	19000 U
Aroclor 1221	371	380 U	75 U	15000 U	75 U	38000 U
Aroclor 1232	371	190 U	37 U	7300 U	37 U	19000 U
Aroclor 1242	371	190 U	37 U	7300 U	37 U	19000 U
Aroclor 1248	371	190 U	37 U	7300 U	37 U	2100000 D
Aroclor 1254	371	34000 D	110 J	330000 J	37 U	3400000 D
Aroclor 1260	371	190 U	37 U	7300 U	220 NJ	19000 U
Total PCBs PPM		34	0.11	330	0.22	5500

301346

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-10
PESTICIDES AND PCBs DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	MW12 CDE-MW12-00 BZF77 09/05/2000 / 10:10 2
CONSTITUENT		
alpha-BHC	0.5	180 UJ
delta-BHC	--	180 UJ
gamma-BHC (Lindane)	9	180 UJ
beta-BHC	3	R
Heptachlor	100	180 UJ
Aldrin	40	14000 JD
Heptachlor epoxide	70	180 UJ
Endosulfan I	18000	180 UJ
Dieldrin	4	350 UJ
4,4'-DDE	2000	350 UJ
Endrin	1000	350 UJ
Endosulfan II	18000	350 UJ
4,4'-DDD	3000	350 UJ
Endosulfan sulfate	--	350 UJ
4,4'-DDT	2000	350 UJ
Methoxychlor	50000	1800 UJ
Endrin ketone	--	350 UJ
Endrin aldehyde	--	1300 NJ
alpha-Chlordane	2000	180 UJ
gamma-Chlordane	2000	R
Toxaphene	100	18000 UJ

301347

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-10
PESTICIDES AND PCBs DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	MW12 CDE-MW12-00 BZF77 09/05/2000 / 10:10 2
CONSTITUENT		
Aroclor 1016	371	3500 UJ
Aroclor 1221	371	7000 UJ
Aroclor 1232	371	3500 UJ
Aroclor 1242	371	3500 UJ
Aroclor 1248	371	3500 UJ
Aroclor 1254	371	360000 JD
Aroclor 1260	371	3500 UJ
Total PCBs PPM		360

301348

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-11
PCB CONGENERS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID DATE / TIME DEPTH (ft)	SS02 CDE-SS02-00 09/15/2000 / 00:00 0.5	SS03 CDE-SS03-00 09/19/2000 / 00:00 0.5	SS03 CDE-SS03-01 Duplicate of CDE-SS03-00
CONSTITUENT			
BZ 1	0.96 UJ	140 UJ	140 UJ
BZ 101/90	38 JN	3300 JN	3400 JN
BZ 105	8.1 JN	1700 JN	1700 JN
BZ 107	3.9 JN	470 JN	460 JN
BZ 110/77	46 JN	6000 JN	6100 JN
BZ 114	1.7 JN	86 UJ	110 JN
BZ 118	19 JN	3900 JN	3800 N
BZ 119	0.6 UJ	88 UJ	91 UJ
BZ 128	13 N	1400 N	1400 N
BZ 132/168	12 JN	1400 JN	1400 JN
BZ 135/144	8.1 JN	410 JN	630 JN
BZ 136	3.4 JN	450 JN	450 JN
BZ 137	4.5 JN	420 JN	430 JN
BZ 138/163	49 JN	4700 JN	4700 JN
BZ 141	6.4 JN	670 JN	680 JN
BZ 146	6.6 N	570 N	570 N
BZ 149/123	23 JN	2100 JN	2200 JN
BZ 151	9.1 JN	600 JN	610 JN
BZ 153/184	33 JN	2900 JN	2900 JN
BZ 156/171	10 JN	1400 JN	1300 JN
BZ 157	1.9 JN	200 JN	190 JN
BZ 158	5.1 JN	600 JN	630 JN
BZ 16/32	1.3 UJ	180 UJ	190 UJ
BZ 167	0.82 UJ	120 UJ	120 UJ

301349

Notes:
All results are in ug/Kg.

TABLE G-11
PCB CONGENERS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID DATE / TIME DEPTH (ft)	SS02 CDE-SS02-00 09/15/2000 / 00:00 0.5	SS03 CDE-SS03-00 09/19/2000 / 00:00 0.5	SS03 CDE-SS03-01 Duplicate of CDE-SS03-00
CONSTITUENT			
BZ 169	0.61 UJ	89 UJ	92 UJ
BZ 17	0.6 UJ	87 UJ	90 UJ
BZ 170	5.4 JN	490 JN	490 JN
BZ 172	1.7 JN	160 JN	150 JN
BZ 174	4.1 JN	330 JN	340 JN
BZ 176	0.65 UJ	720 JN	740 JN
BZ 177	2.5 JN	220 JN	210 JN
BZ 178/126	6.5 JN	690 JN	700 JN
BZ 18	0.65	95	98
BZ 180	7 N	610 N	610 N
BZ 183	2.7 JN	230 JN	230 JN
BZ 185	0.79 UJ	110 UJ	120 UJ
BZ 187/182	4.2 JN	540 JN	340 JN
BZ 189	0.55 UJ	80 UJ	82 UJ
BZ 19	1.5 JN	120 JN	110 JN
BZ 190	1 JN	98 UJ	100 UJ
BZ 194	1.3 N	96	99
BZ 195	0.81 UJ	120 UJ	120 UJ
BZ 197	0.87 UJ	130 UJ	130 UJ
BZ 199	0.82 UJ	120 UJ	120 UJ
BZ 201	1.5 JN	88 UJ	91 UJ
BZ 202	0.84 UJ	120 UJ	130 UJ
BZ 203/196	1.8 JN	170 UJ	180 UJ
BZ 206	0.82 N	81	84

301350

Notes:
All results are in ug/Kg.

TABLE G-11
PCB CONGENERS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID DATE / TIME DEPTH (ft)	SS02 CDE-SS02-00 09/15/2000 / 00:00 0.5	SS03 CDE-SS03-00 09/19/2000 / 00:00 0.5	SS03 CDE-SS03-01 Duplicate of CDE-SS03-00
CONSTITUENT			
BZ 208	0.6 UJ	87 UJ	90 UJ
BZ 209	1.3 N	95	98
BZ 22	1.5 JN	130 UJ	130 UJ
BZ 24	0.7 UJ	100 UJ	110 UJ
BZ 25	0.43 UJ	63 UJ	64 UJ
BZ 26	0.5 UJ	73 UJ	76 UJ
BZ 27	1.5 UJ	220 UJ	220 UJ
BZ 28	0.98 JN	120 JN	140 JN
BZ 29	0.61 UJ	89 UJ	92 UJ
BZ 31	4.1 JN	130 JN	150 JN
BZ 33	0.91 JN	97 UJ	100 UJ
BZ 37/42	2.4 JN	140 UJ	140 UJ
BZ 4	0.77 UJ	110 UJ	120 UJ
BZ 40	0.61 UJ	88 UJ	91 UJ
BZ 44	2.2 N	340 N	330 N
BZ 45	1.5 JN	94 UJ	97 UJ
BZ 46	0.79 UJ	110 UJ	120 UJ
BZ 47	1.8 JN	200 JN	210 JN
BZ 48	1.2 UJ	170 UJ	170 UJ
BZ 49	2.2 JN	390 JN	410 JN
BZ 5	0.83 UJ	120 UJ	120 UJ
BZ 52	4.8 N	1100 N	1100 N
BZ 53	1 UJ	150 UJ	160 UJ
BZ 56	19 JN	270 UJ	660 JN

301351

Notes:
All results are in ug/Kg.

TABLE G-11
PCB CONGENERS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID DATE / TIME DEPTH (ft)	SS02 CDE-SS02-00 09/15/2000 / 00:00 0.5	SS03 CDE-SS03-00 09/19/2000 / 00:00 0.5	SS03 CDE-SS03-01 Duplicate of CDE-SS03-00
CONSTITUENT			
BZ 59	0.59 UJ	86 UJ	89 UJ
BZ 6	0.72 UJ	100 UJ	110 UJ
BZ 60/92	4.4 JN	1000 JN	690 JN
BZ 63	0.83 UJ	120 UJ	120 UJ
BZ 64/41	1.1 UJ	370 JN	390 JN
BZ 66/95	14 JN	2400 JN	2500 JN
BZ 7	0.82 UJ	120 UJ	120 UJ
BZ 70	4.7 JN	1400 JN	1400 JN
BZ 71	1.4 JN	67 UJ	69 UJ
BZ 74	2.7 JN	300 JN	310 JN
BZ 76	0.63 UJ	92 UJ	95 UJ
BZ 8	0.57 UJ	83 UJ	85 UJ
BZ 82	0.97 UJ	370 JN	340 JN
BZ 84	0.57 UJ	480 JN	470 JN
BZ 85	6.6 JN	820 JN	840 JN
BZ 87/81	12 JN	2600 JN	2400 JN
BZ 91	4.2 JN	510 JN	530 JN
BZ 97	6.5 JN	1300 JN	1300 JN
BZ 99	14 JN	1600 JN	1600 JN
PCB Congeners	460 JN	53000 JN	53000

301352

Notes:
All results are in ug/Kg.

TABLE G-12
DIOXINS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID DATE / TIME DEPTH (ft)	MW09 CDE-MW09-00 09/18/2000 / 09:30 0.5	SS02 CDE-SS02-00 09/15/2000 / 14:06 0.5	SS03 CDE-SS03-00 09/19/2000 / 09:20 0.5	SS03 CDE-SS03-01 Duplicate of CDE-SS03-00
CONSTITUENT				
1,2,3,4,6,7,8,9-OCDD	5600 J	4430 J	6750 J	9230 J
1,2,3,4,6,7,8,9-OCDF	16450 J	69.5	605	583
1,2,3,4,6,7,8-HpCDD	1780	173	413	559
1,2,3,4,6,7,8-HpCDF	13190 J	56	906	868
1,2,3,4,7,8,9-HpCDF	4270 J	5.2	119	106
1,2,3,4,7,8-HxCDD	123	2.2 J	12.5	12.5
1,2,3,4,7,8-HxCDF	13510 J	21.3	1020	893
1,2,3,6,7,8-HxCDD	241	7.6	30.3	37.4
1,2,3,6,7,8-HxCDF	10020 J	8.4	327	297
1,2,3,7,8,9-HxCDD	349	7.6	33.8	39.8
1,2,3,7,8,9-HxCDF	311	2.1 J	13.7 J	13.5 J
1,2,3,7,8-PeCDD	128	1.7 J	12.8	12.6
1,2,3,7,8-PeCDF	7880 J	16.1	606	590
2,3,4,6,7,8-HxCDF	5150 J	8.2	197	187
2,3,4,7,8-PeCDF	7720 J	18.6	623	578
2,3,7,8-TCDD	56.7	1.3 J	10.1	10.8
2,3,7,8-TCDF	7880 J	86.3	2520 J	2330 J
Total HpCDD	3530	362	859	1160
Total HpCDF	25780 J	122 J	1340	1320
Total HxCDD	3080	76.7 J	351 J	420 J
Total HxCDF	52850 J	115 J	2670 J	2530 J
Total PeCDD	1420 J	24.4 J	149 J	192 J
Total PeCDF	70770 J	220 J	5810 J	5610 J
Total TCDD	1370 J	25.5 J	365 J	353 J
Total TCDF	75480 J	523 J	14420 J	13330 J

301353

Notes:
All results are in pg/G.

TABLE 3-13
INORGANICS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	SS01 CDE-SS01-00 BZG22 09/19/2000 / 11:25 0.5	SS02 CDE-SS02-00 BZG08 09/15/2000 / 14:06 0.5	SS03 CDE-SS03-00 BZG19 09/19/2000 / 09:20 0.5	SS03 CDE-SS03-01 BZG20 Duplicate of CDE-SS03-00
CONSTITUENT					
Aluminum	--	35800 J	9830	15800	15500 J
Antimony	5	4.1 BJ	1.3 U	3 B	2.3 BJ
Arsenic	0.4	37.6 J	8.6	23.5	24.3 J
Barium	283	311 J	171	497	473 J
Beryllium	2	9.2 J	1.8 J	2.9	2.8 J
Cadmium	4	24.2 J	8.1	16.8 J	21.1 J
Calcium	--	5510 J	2260	5620	6420 J
Chromium	0.4	60 J	30.9	56.8	68.2 J
Cobalt	20	30.1 J	11 B	12.9 B	13.4 BJ
Copper	60	R	54.3	R	R
Cyanide	40	0.3 UJ	0.29 U	0.56 B	0.6 BJ
Iron	--	47700 J	16000	28400	27300 J
Lead	40.5	337 J	66.1	309	375 J
Magnesium	--	5300 J	2580	2630	2950 J
Manganese	--	R	299	R	R
Mercury	0.00051	0.48 J	0.07 U	0.7	0.71 J
Nickel	30	92.8 J	24.4	66	72.7 J
Potassium	--	1230 BJ	781 B	866 B	814 BJ
Selenium	0.21	2.6 J	1.1 U	3.2	2.4 J
Silver	2	7.5 J	3.2	9.3 J	11.5 J
Sodium	--	774 BJ	140 B	589 BJ	574 BJ
Thallium	0.7	2.3 UJ	2.1 U	2.4 U	2.4 UJ
Vanadium	2	87.9 J	30.3	59.3	66.9 J
Zinc	8.5	647 J	127	346 J	380 J

301354

Notes:
All results are in mg/Kg.
Shading indicates exceedance of criteria.

TABLE G-13
INORGANICS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	SS04 CDE-SS04-00 BZG18 09/19/2000 / 08:45 0.5	SS05 CDE-SS05-00 BZG21 09/19/2000 / 10:00 0.5	SS06 CDE-SS06-00 BZG06 09/15/2000 / 11:34 0.5	SS06 CDE-SS06-12 BZG07 09/15/2000 / 12:00 2
CONSTITUENT					
Aluminum	--	22500 J	23100	7330 J	9680
Antimony	5	3.3 BJ	2.4 B	2.5 UJ	7 B
Arsenic	0.4	24.3 J	9.3	38.3 J	18.7
Barium	283	482 J	255	252 J	590
Beryllium	2	2.8 J	1.1 B	2.4 BJ	0.99 B
Cadmium	4	40.2 J	9.8 J	0.26 UJ	0.31 B
Calcium	--	6200 J	3500	5200 J	6090
Chromium	0.4	77.5 J	30.7	12.5 J	32.8
Cobalt	20	18.7 BJ	13.8 B	11.1 BJ	9.7 B
Copper	60	R	R	39.7 J	140
Cyanide	40	0.7 BJ	7.6	0.55 UJ	0.27 U
Iron	--	45000 J	35600	9120 J	44000
Lead	40.5	457 J	222	31.9 J	1100
Magnesium	--	5730 J	3230	450 BJ	2550
Manganese	--	R	R	31 J	555
Mercury	0.00051	0.7 J	0.19	0.13 UJ	0.06 U
Nickel	30	83 J	41	20.7 J	32.4
Potassium	--	1310 BJ	940 B	465 BJ	557 B
Selenium	0.21	2.8 J	1.2 B	2 UJ	0.96 U
Silver	2	13.6 J	4.7 J	1.1 BJ	0.62 B
Sodium	--	755 BJ	516 BJ	290 BJ	236 B
Thallium	0.7	2.6 UJ	1.7 U	7.6 J	1.9 U
Vanadium	2	87.4 J	35.9	42.3 J	32.4
Zinc	8.5	519 J	458 J	78.3 J	235

301355

Notes:
All results are in mg/Kg.
Shading indi[illegible] exceedance of criteria.

TABLE G-13
INORGANICS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	SS07 CDE-SS07-00 BZG02 09/15/2000 / 08:54 0.5	SS08 CDE-SS08-00 BZG04 09/15/2000 / 10:36 0.5	SS08 CDE-SS08-12 BZG05 09/15/2000 / 10:55 2	SS09 CDE-SS09-00 BZG03 09/15/2000 / 10:01 0.5
CONSTITUENT					
Aluminum	--	14400	7530	7080	5980
Antimony	5	1.7 B	1.2 U	1.1 U	1.2 U
Arsenic	0.4	22.9	6.8	2.1 B	10.1
Barium	283	223	86.3	38.6 B	84.7
Beryllium	2	2.6 J	0.86 B	0.45 B	0.61 B
Cadmium	4	3.3	0.61 B	0.11 U	3.2
Calcium	--	51300	7430	358 B	4070
Chromium	0.4	21.1	8.7 J	9.9	32.2
Cobalt	20	7.1 B	4.3 B	5 B	5.5 B
Copper	60	256	31.4	11.6	75.7
Cyanide	40	-1.3	0.28 U	0.24 U	0.26 U
Iron	--	33900	13900	11800	25100
Lead	40.5	333	65.4	4.8	363
Magnesium	--	12900	3400	1930	2150
Manganese	--	745	398	174	313
Mercury	0.00051	0.36	0.38	0.06 U	0.16
Nickel	30	25.7	11.3	9	16.4
Potassium	--	2920 J	579 B	459 B	544 B
Selenium	0.21	0.94 U	0.98 U	0.87 U	0.93 U
Silver	2	10.5	2.5	0.4 U	3.5
Sodium	--	613 B	139 B	104 B	110 B
Thallium	0.7	1.9 U	2.2 B	2.7	1.9 U
Vanadium	2	31.4	17.1	14.8	15.7
Zinc	8.5	499	112	31.6	496

301356

Notes:
All results are in mg/Kg.
Shading indicates exceedance of criteria.

TABLE G-13
INORGANICS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	MW01 CDE-MW01-00 MBTL63 08/02/2000 / 11:10 2	MW01A CDE-MW01A-00 MBTL76 08/07/2000 / 11:40 1.17	MW02 CDE-MW02-00 MBTL66 08/02/2000 / 15:15 2	MW03 CDE-MW03-00 MBTL71 08/03/2000 / 14:45 2
CONSTITUENT					
Aluminum	--	12900	12700 J	10400	10400
Antimony	5	0.41 UJ	1.4 UJ	0.41 BJ	0.4 UJ
Arsenic	0.4	1.7 BJ	3	7.7 J	1.3 BJ
Barium	283	143	146	100	61.9
Beryllium	2	0.75 B	0.18 U	0.44 B	0.13 B
Cadmium	4	0.55 B	0.95 B	2.9	2.7
Calcium	--	43400	10100 J	13000	10000
Chromium	0.4	34.4	29.6	20.5	18.5
Cobalt	20	14.7	16	10.2 B	12.4
Copper	60	16.3	14.9 J	54	82.3
Cyanide	40	0.066 B	0.14 U	0.21 B	0.12 B
Iron	--	21100	25500 J	38500	22900
Lead	40.5	11.1	34.8 J	72.3	18.5
Magnesium	--	7540 J	8100 J	4060 J	10200 J
Manganese	--	427	915 J	642	281
Mercury	0.00051	0.038 U	0.06 U	0.12	0.064 B
Nickel	30	30.4	39.4 J	65	28.1
Potassium	--	2790 J	3490 J	1140 J	292 B
Selenium	0.21	1.1 U	0.81 BJ	1 U	1 U
Silver	2	0.13 U	0.7 U	1.9 B	0.19 B
Sodium	--	600 B	509 B	289 B	1050 J
Thallium	0.7	6.5	0.45 U	12.9	8.3
Vanadium	2	28.6	28	25	48.1
Zinc	8.5	76.9	128 J	137	151

301357

Notes:
All results are in mg/Kg.
Shading indicates exceedance of criteria.

TABLE 3-13
INORGANICS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	MW04 CDE-MW04-00 MBTM12 08/15/2000 / 13:20 2	MW05 CDE-MW05-00 MBTM30 08/18/2000 / 09:19 2	MW05 CDE-MW05-01 MBTM41 Duplicate of CDE-MW05-00	MW06 CDE-MW06-00 MBTL78 08/08/2000 / 09:00 2
CONSTITUENT					
Aluminum	--	3860	5490	3400	6160 J
Antimony	5	1.1 U	6.4 B	8.3 B	2.1 BJ
Arsenic	0.4	37.3 J	21.1 J	21.3	12.7
Barium	283	170	4170	2580	147
Beryllium	2	0.31 B	0.34 B	0.32 B	0.19 U
Cadmium	4	0.09 U	17.6	9.6	8.7
Calcium	--	1480 J	1520 J	2100 J	38400 J
Chromium	0.4	12.9 J	20.4 J	36.2	36.9
Cobalt	20	6.6 B	8.5 B	7.3 B	8.8 B
Copper	60	31.2 J	171 J	85.1	224
Cyanide	40	0.24 U	2.3 J	4.5 J	0.21 B
Iron	--	23200	51000	42800	18200 J
Lead	40.5	190	3130	4320	433 J
Magnesium	--	2400 J	862 BJ	610 B	7730 J
Manganese	--	172	413	369	320 J
Mercury	0.00051	R	0.9	1.1 J	0.49
Nickel	30	14.8	41	43.4	30.5 J
Potassium	--	1050 B	441 B	268 B	649 B
Selenium	0.21	1.9 J	1.4 J	1.1 B	1.4 J
Silver	2	0.4 B	1.1 B	0.44 B	6.9
Sodium	--	282 B	425 B	544 B	535 B
Thallium	0.7	0.67 B	0.93 B	0.53 U	0.47 U
Vanadium	2	25.1	16.2	18.2	54.1
Zinc	8.5	53.2	579	844	475 J

301358

Notes:
All results are in mg/Kg.
Shading indicates exceedance of criteria.

TABLE G-13
INORGANICS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	MW07 CDE-MW07-00 MBTL59 08/01/2000 / 09:00 2	MW08 CDE-MW08-00 MBTL54 07/20/2000 / 12:50 0.5	MW09 CDE-MW09-00 MBTN28 09/18/2000 / 09:30 0.5	MW10 CDE-MW10-00 MBTL55 07/20/2000 / 10:40 0.5
CONSTITUENT					
Aluminum	--	14200	5840	42100	6090
Antimony	5	0.42 UJ	1.5 UJN	10.2 B	1.5 UJN
Arsenic	0.4	7.4 J	5.2	8.3	3.4
Barium	283	99.1	67.8	765	67.7
Beryllium	2	0.77 B	0.19 U	0.68 B	0.18 B
Cadmium	4	0.64 B	0.94 B	39.7 J	0.53 U
Calcium	--	2600	1380 J	13800	994 B
Chromium	0.4	19.5	9.8	37.8	10.7
Cobalt	20	13.4	4.3 B	9.4 B	4.3 B
Copper	60	17.1	29.5	R	96.6
Cyanide	40	0.1 B	0.15 UJN	0.25 B	0.56 BJN
Iron	--	20200	11300	45500	13500
Lead	40.5	29.8	102	967	53.3
Magnesium	--	6060 J	1350	4190	1700
Manganese	--	648	260 JN	R	400 JN
Mercury	0.00051	0.078 B	0.08 B	0.47	0.06 U
Nickel	30	31.7	10.5	56.3	10.3
Potassium	--	1810 J	640 B	943 B	519 B
Selenium	0.21	1.1 UJ	1.3	0.9 B	1.2
Silver	2	0.13 U	0.97 B	26.8 J	1.4 B
Sodium	--	509 B	131 U	457 BJ	128 U
Thallium	0.7	7	0.47 U	1.3 U	0.46 U
Vanadium	2	24.9	22.5	49.3	22.4
Zinc	8.5	84.4	87.7	1550 J	45.2

301359

Notes:
All results are in mg/Kg.
Shading indicates exceedance of criteria.

TABLE 3-13
INORGANICS DETECTED IN SURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	MW11 CDE-MW11-00 MBTM49 08/22/2000 / 09:20 2	MW12 CDE-MW12-00 MBTM97 09/05/2000 / 10:10 2
CONSTITUENT			
Aluminum	--	5480	11200
Antimony	5	7.7 B	1.2 B
Arsenic	0.4	55.1	3.4
Barium	283	206	54.5
Beryllium	2	0.29 B	0.3 B
Cadmium	4	15	2.8
Calcium	--	2380	13900
Chromium	0.4	52	22.4 J
Cobalt	20	14.3	11.6
Copper	60	1670	159
Cyanide	40	0.24 U	0.15 U
Iron	--	108000	23800
Lead	40.5	858	107
Magnesium	--	894 B	9250
Manganese	--	601	345
Mercury	0.00051	0.9	0.21 J
Nickel	30	72.2	25.4 J
Potassium	--	351 B	510 B
Selenium	0.21	0.86 U	0.42 UJ
Silver	2	1.5 B	5.9
Sodium	--	191 B	1060 J
Thallium	0.7	1.7 U	0.62 UJ
Vanadium	2	47.6	46.4
Zinc	8.5	336	96.4 J

301360

Notes:
All results are in mg/Kg.
Shading indicates exceedance of criteria.

TABLE G-14
VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW01 CDE-MW01-02 BZE32 08/02/2000 / 11:25 4	MW01 CDE-MW01-04 BZE33 08/02/2000 / 11:40 6	MW02 CDE-MW02-02 ZE35 08/02/2000 / 15:20 4	MW02 CDE-MW02-03 BZE36 Duplicate of CDE-MW02-02
CONSTITUENT					
Dichlorodifluoromethane	--	9 U	12 U	10 U	11 U
Chloromethane	10000	9 U	12 U	10 U	11 U
Vinyl chloride	10	9 U	12 U	10 U	11 U
Bromomethane	200	9 U	12 U	10 U	11 U
Chloroethane	--	9 U	12 U	10 U	11 U
Trichlorofluoromethane	--	9 UJ	3 J	3 J	3 J
1,1-Dichloroethylene	60	9 U	12 U	10 U	11 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	9 U	12 U	10 U	11 U
Acetone	16000	27 J	12 UJ	56 J	88 J
Carbon disulfide	32000	9 U	12 U	2 J	4 J
Methyl acetate	--	5 J	12 U	10 U	11 U
Methylene chloride	20	11 U	12 U	10 U	16 U
trans-1,2-Dichloroethylene	700	9 U	12 U	10 U	11 U
Methyl tert-butyl ether	--	9 U	12 U	10 U	11 U
1,1-Dichloroethane	10000	9 U	12 U	10 U	11 U
cis-1,2-Dichloroethylene	400	9 U	12 U	10 U	11 U
2-Butanone	50000	5 J	12 U	8 J	10 J
Chloroform	300	9 U	12 U	10 U	11 U
1,1,1-Trichloroethane	2000	5 J	10 J	11	17
Cyclohexane	--	9 U	12 U	10 U	11 U

301361

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-14
VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW01 CDE-MW01-02 BZE32 08/02/2000 / 11:25 4	MW01 CDE-MW01-04 BZE33 08/02/2000 / 11:40 6	MW02 CDE-MW02-02 ZE35 08/02/2000 / 15:20 4	MW02 CDE-MW02-03 BZE36 Duplicate of CDE-MW02-02
CONSTITUENT					
Carbon tetrachloride	70	9 U	12 U	10 U	11 U
Benzene	30	9 U	12 U	10 U	11 U
1,2-Dichloroethane	20	9 U	12 U	10 U	11 U
Trichloroethylene	60	9 U	12 U	10 U	11 U
Methylcyclohexane	--	9 U	2 J	9 J	10 J
1,2-Dichloropropane	30	9 U	12 U	10 U	11 U
Bromodichloromethane	600	9 U	12 U	10 U	11 U
cis-1,3-Dichloropropene	4	9 U	12 U	10 U	11 U
4-Methyl-2-pentanone	50000	5 J	12 U	10 U	11 U
Toluene	12000	15	12 U	10 U	14 U
trans-1,3-Dichloropropene	4	9 U	12 U	10 U	11 U
1,1,2-Trichloroethane	20	9 U	12 U	10 U	11 U
Tetrachloroethylene	60	9 U	12 U	10 U	11 U
2-Hexanone	--	9 U	12 U	10 U	11 U
Dibromochloromethane	400	9 U	12 U	10 U	11 U
1,2-Dibromoethane	--	9 U	12 U	10 U	11 U
Chlorobenzene	1000	9 U	12 U	10 U	11 U
Ethylbenzene	13000	9 U	12 U	10 U	11 U
Xylene (total)	67000	9 U	12 U	10 U	11 U
Styrene	4000	9 U	12 U	10 U	11 U

301362

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-14
VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW01 CDE-MW01-02 BZE32 08/02/2000 / 11:25 4	MW01 CDE-MW01-04 BZE33 08/02/2000 / 11:40 6	MW02 CDE-MW02-02 ZE35 08/02/2000 / 15:20 4	MW02 CDE-MW02-03 BZE36 Duplicate of CDE-MW02-02
CONSTITUENT					
Bromoform	800	9 U	12 U	10 U	11 U
Isopropylbenzene	--	9 U	12 U	4 J	4 J
1,1,2,2-Tetrachloroethane	3	9 U	12 U	10 U	11 U
1,3-Dichlorobenzene	100000	9 U	12 U	10 U	11 U
1,4-Dichlorobenzene	2000	9 U	12 U	10 U	11 U
1,2-Dichlorobenzene	17000	9 U	12 U	10 U	11 U
1,2-Dibromo-3-chloropropane	--	9 U	12 U	10 U	11 U
1,2,4-Trichlorobenzene	5000	9 U	12 U	10 U	11 U
Total VOC TICs		127 J	R	22700 NJ	26180 NJ

301363

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-14
VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW02 CDE-MW02-04 BZE37 08/02/2000 / 15:30 6	MW02A CDE-MW02A-04 BZE68 08/14/2000 / 10:15 6	MW02A CDE-MW02A-06 BZE69 08/14/2000 / 10:45 8	MW02A CDE-MW02A-08 BZE70 08/14/2000 / 10:55 10
CONSTITUENT					
Dichlorodifluoromethane	--	10 U	9 U	9 U	9 U
Chloromethane	10000	10 U	9 U	9 U	9 U
Vinyl chloride	10	10 U	9 U	9 U	9 U
Bromomethane	200	10 U	9 U	9 U	9 U
Chloroethane	--	10 U	9 U	9 U	9 U
Trichlorofluoromethane	--	2 J	9 U	9 U	9 U
1,1-Dichloroethylene	60	10 U	9 U	9 U	9 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	10 U	9 U	9 U	9 U
Acetone	16000	39 J	16 UJ	27 UJ	21 UJ
Carbon disulfide	32000	3 J	9 U	9 U	9 U
Methyl acetate	--	10 U	9 U	9 U	9 U
Methylene chloride	20	15 U	22 UJ	32 UJ	32 UJ
trans-1,2-Dichloroethylene	700	10 U	9 U	9 U	9 U
Methyl tert-butyl ether	--	10 U	9 U	9 U	9 U
1,1-Dichloroethane	10000	10 U	9 U	9 U	9 U
cis-1,2-Dichloroethylene	400	10 U	9 U	9 U	9 U
2-Butanone	50000	10 U	9 U	9 U	9 U
Chloroform	300	10 U	9 U	9 U	9 U
1,1,1-Trichloroethane	2000	11	9 U	9 U	9 U
Cyclohexane	--	10 U	9 U	9 U	9 U

301364

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-14
VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW02 CDE-MW02-04 BZE37 08/02/2000 / 15:30 6	MW02A CDE-MW02A-04 BZE68 08/14/2000 / 10:15 6	MW02A CDE-MW02A-06 BZE69 08/14/2000 / 10:45 8	MW02A CDE-MW02A-08 BZE70 08/14/2000 / 10:55 10
CONSTITUENT					
Carbon tetrachloride	70	10 U	9 U	9 U	9 U
Benzene	30	10 U	9 U	9 U	9 U
1,2-Dichloroethane	20	10 U	9 U	9 U	9 U
Trichloroethylene	60	10 U	1 J	9 U	9 U
Methylcyclohexane	--	2 J	9 U	9 U	9 U
1,2-Dichloropropane	30	10 U	9 U	9 U	9 U
Bromodichloromethane	600	10 U	9 U	9 U	9 U
cis-1,3-Dichloropropene	4	10 U	9 U	9 U	9 U
4-Methyl-2-pentanone	50000	3 J	9 U	9 U	9 U
Toluene	12000	10 U	19	15	13
trans-1,3-Dichloropropene	4	10 U	9 U	9 U	9 U
1,1,2-Trichloroethane	20	10 U	9 U	9 U	9 U
Tetrachloroethylene	60	10 U	9 U	9 U	9 U
2-Hexanone	--	10 U	9 U	9 U	9 U
Dibromochloromethane	400	10 U	9 U	9 U	9 U
1,2-Dibromoethane	--	10 U	9 U	9 U	9 U
Chlorobenzene	1000	10 U	9 U	9 U	9 U
Ethylbenzene	13000	10 U	9 U	9 U	9 U
Xylene (total)	67000	10 U	1 J	1 J	1 J
Styrene	4000	10 U	9 U	9 U	9 U

301365

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-14
VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW02 CDE-MW02-04 BZE37 08/02/2000 / 15:30 6	MW02A CDE-MW02A-04 BZE68 08/14/2000 / 10:15 6	MW02A CDE-MW02A-06 BZE69 08/14/2000 / 10:45 8	MW02A CDE-MW02A-08 BZE70 08/14/2000 / 10:55 10
CONSTITUENT					
Bromoform	800	10 U	9 U	9 U	9 U
Isopropylbenzene	--	10 U	9 U	6 J	9 U
1,1,2,2-Tetrachloroethane	3	10 U	9 U	9 U	9 U
1,3-Dichlorobenzene	100000	10 U	9 U	9 U	9 U
1,4-Dichlorobenzene	2000	10 U	9 U	9 U	9 U
1,2-Dichlorobenzene	17000	10 U	9 U	9 U	9 U
1,2-Dibromo-3-chloropropane	--	10 U	9 U	9 U	9 U
1,2,4-Trichlorobenzene	5000	10 U	9 U	9 U	9 U
Total VOC TICs		754 NJ	R	60 NJ	U

301366

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-14
VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW03 CDE-MW03-02 BZE43 08/03/2000 / 15:00 4	MW03 CDE-MW03-04 BZE44 08/03/2000 / 15:10 6	MW03 CDE-MW03-06 BZE45 08/03/2000 / 15:25 8	MW04 CDE-MW04-04 BZE91 08/15/2000 / 13:36 6
CONSTITUENT					
Dichlorodifluoromethane	--	12 U	11 U	11 U	13 U
Chloromethane	10000	12 U	11 U	11 U	13 U
Vinyl chloride	10	12 U	11 U	11 U	13 U
Bromomethane	200	12 U	11 U	11 U	13 U
Chloroethane	--	12 U	11 U	11 U	13 U
Trichlorofluoromethane	--	12 U	11 U	11 U	13 U
1,1-Dichloroethylene	60	12 U	11 U	11 U	13 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	12 U	11 U	11 U	13 U
Acetone	16000	35 UJ	15 UJ	11 UJ	67 UJ
Carbon disulfide	32000	12 U	11 U	11 U	13 U
Methyl acetate	--	12 U	11 U	11 U	13 UJ
Methylene chloride	20	12 UJ	26 UJ	11 U	20 UJ
trans-1,2-Dichloroethylene	700	12 U	11 U	11 U	8 J
Methyl tert-butyl ether	--	12 U	11 U	11 U	13 U
1,1-Dichloroethane	10000	12 U	11 U	11 U	13 U
cis-1,2-Dichloroethylene	400	12 U	11 U	11 U	310 J
2-Butanone	50000	7 J	11 U	11 U	13 U
Chloroform	300	12 U	11 U	11 U	13 U
1,1,1-Trichloroethane	2000	2 J	1 J	11 U	13 U
Cyclohexane	--	12 U	11 U	11 U	13 U

301367

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-14
VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW03 CDE-MW03-02 BZE43 08/03/2000 / 15:00 4	MW03 CDE-MW03-04 BZE44 08/03/2000 / 15:10 6	MW03 CDE-MW03-06 BZE45 08/03/2000 / 15:25 8	MW04 CDE-MW04-04 BZE91 08/15/2000 / 13:36 6
CONSTITUENT					
Carbon tetrachloride	70	12 U	11 U	11 U	13 U
Benzene	30	12 U	11 U	11 U	13 U
1,2-Dichloroethane	20	12 U	11 U	11 U	13 U
Trichloroethylene	60	12 U	11 U	11 U	2100 D
Methylcyclohexane	--	12 U	11 U	11 U	13 U
1,2-Dichloropropane	30	12 U	11 U	11 U	13 U
Bromodichloromethane	600	12 U	11 U	11 U	13 U
cis-1,3-Dichloropropene	4	12 U	11 U	11 U	13 U
4-Methyl-2-pentanone	50000	12 U	2 J	11 U	13 U
Toluene	12000	12 U	11 U	11 U	13 U
trans-1,3-Dichloropropene	4	12 U	11 U	11 U	13 U
1,1,2-Trichloroethane	20	12 U	11 U	11 U	13 U
Tetrachloroethylene	60	12 U	11 U	11 U	13 U
2-Hexanone	--	12 U	11 U	11 U	13 U
Dibromochloromethane	400	12 U	11 U	11 U	13 U
1,2-Dibromoethane	--	12 U	11 U	11 U	13 U
Chlorobenzene	1000	12 U	11 U	11 U	13 U
Ethylbenzene	13000	12 U	11 U	11 U	13 U
Xylene (total)	67000	12 U	11 U	11 U	13 U
Styrene	4000	12 U	11 U	11 U	13 U

301368

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-14
VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW03 CDE-MW03-02 BZE43 08/03/2000 / 15:00 4	MW03 CDE-MW03-04 BZE44 08/03/2000 / 15:10 6	MW03 CDE-MW03-06 BZE45 08/03/2000 / 15:25 8	MW04 CDE-MW04-04 BZE91 08/15/2000 / 13:36 6
CONSTITUENT					
Bromoform	800	12 U	11 U	11 U	13 U
Isopropylbenzene	--	12 U	11 U	11 U	13 U
1,1,2,2-Tetrachloroethane	3	12 U	11 U	11 U	13 U
1,3-Dichlorobenzene	100000	12 U	11 U	11 U	13 U
1,4-Dichlorobenzene	2000	12 U	11 U	11 U	13 U
1,2-Dichlorobenzene	17000	12 U	11 U	11 U	13 U
1,2-Dibromo-3-chloropropane	--	12 U	11 U	11 U	13 U
1,2,4-Trichlorobenzene	5000	12 U	11 U	11 U	13 U
Total VOC TICs		R	R	R	R

301369

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-14
VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW04 CDE-MW04-12 BZE92 08/15/2000 / 16:00 14	MW05 CDE-MW05-06 BZF08 08/18/2000 / 10:05 8	MW05 CDE-MW05-10 BZF09 08/18/2000 / 10:20 12	MW06 CDE-MW06-02 BZE51 08/08/2000 / 09:05 4
CONSTITUENT					
Dichlorodifluoromethane	--	10 U	20 U	9 U	11 U
Chloromethane	10000	10 U	20 U	9 U	11 U
Vinyl chloride	10	10 U	20 U	9 U	170
Bromomethane	200	10 U	20 U	9 U	11 U
Chloroethane	--	10 UJ	20 UJ	9 UJ	11 U
Trichlorofluoromethane	--	10 U	20 U	9 U	11 U
1,1-Dichloroethylene	60	2 J	20 U	9 U	4 J
1,1,2-Trichloro-1,2,2-trifluoroethane	--	10 UJ	20 U	9 U	11 U
Acetone	16000	48 UJ	54 UJ	42 UJ	120
Carbon disulfide	32000	10 U	20 U	9 U	5 J
Methyl acetate	--	10 U	20 U	9 U	6 J
Methylene chloride	20	35 UJ	24 UJ	23 UJ	11 U
trans-1,2-Dichloroethylene	700	2 J	20 U	9 U	31
Methyl tert-butyl ether	--	10 U	20 U	9 U	11 U
1,1-Dichloroethane	10000	10 U	20 U	9 U	11 U
cis-1,2-Dichloroethylene	400	86	10 J	9 U	860 D
2-Butanone	50000	4 J	20 U	9 U	11 U
Chloroform	300	10 U	20 U	9 U	11 U
1,1,1-Trichloroethane	2000	10 U	7 J	9 U	11 U
Cyclohexane	--	10 U	20 UJ	9 UJ	11 U

301370

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-14
VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW04 CDE-MW04-12 BZE92 08/15/2000 / 16:00 14	MW05 CDE-MW05-06 BZF08 08/18/2000 / 10:05 8	MW05 CDE-MW05-10 BZF09 08/18/2000 / 10:20 12	MW06 CDE-MW06-02 BZE51 08/08/2000 / 09:05 4
CONSTITUENT					
Carbon tetrachloride	70	10 U	20 U	9 U	11 U
Benzene	30	10 U	20 U	9 U	2 J
1,2-Dichloroethane	20	10 U	20 U	9 U	11 U
Trichloroethylene	60	84	220	7 J	260
Methylcyclohexane	--	10 UJ	3 J	9 U	6 J
1,2-Dichloropropane	30	10 U	20 U	9 U	11 U
Bromodichloromethane	600	10 U	20 U	9 U	11 U
cis-1,3-Dichloropropene	4	10 U	20 U	9 U	11 U
4-Methyl-2-pentanone	50000	10 U	20 U	9 U	11 UJ
Toluene	12000	10 U	6 J	2 J	7 J
trans-1,3-Dichloropropene	4	10 U	20 U	9 U	11 U
1,1,2-Trichloroethane	20	10 U	20 U	9 U	11 U
Tetrachloroethylene	60	10 U	20 U	9 U	500 J
2-Hexanone	--	10 U	20 U	9 U	11 UJ
Dibromochloromethane	400	10 U	20 U	9 U	11 U
1,2-Dibromoethane	--	10 U	20 U	9 U	11 UJ
Chlorobenzene	1000	10 U	20 U	9 U	50 J
Ethylbenzene	13000	10 U	20 U	9 U	6 J
Xylene (total)	67000	10 U	20 U	9 U	26 J
Styrene	4000	10 U	20 U	9 U	11 UJ

301371

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-14
VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW04 CDE-MW04-12 BZE92 08/15/2000 / 16:00 14	MW05 CDE-MW05-06 BZF08 08/18/2000 / 10:05 8	MW05 CDE-MW05-10 BZF09 08/18/2000 / 10:20 12	MW06 CDE-MW06-02 BZE51 08/08/2000 / 09:05 4
CONSTITUENT					
Bromoform	800	10 U	20 U	9 U	11 U
Isopropylbenzene	--	10 U	20 U	9 U	11 UJ
1,1,2,2-Tetrachloroethane	3	10 U	20 U	9 U	11 UJ
1,3-Dichlorobenzene	100000	10 U	20 U	9 U	190 DJ
1,4-Dichlorobenzene	2000	10 U	20 U	9 U	190 J
1,2-Dichlorobenzene	17000	10 U	20 U	9 U	120 J
1,2-Dibromo-3-chloropropane	--	10 U	20 U	9 U	R
1,2,4-Trichlorobenzene	5000	10 U	20 U	9 U	2000 DJ
Total VOC TICs		U	R	U	7420 NJ

301372

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-14
VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW06 CDE-MW06-04 BZE52 08/08/2000 / 09:10 6	MW06 CDE-MW06-06 BZE53 08/08/2000 / 09:15 8	MW07 CDE-MW07-02 BZE28 08/01/2000 / 09:20 4	MW07 CDE-MW07-04 BZE29 08/01/2000 / 09:40 6
CONSTITUENT					
Dichlorodifluoromethane	--	9 UJ	10 UJ	10 U	12 U
Chloromethane	10000	9 UJ	10 UJ	10 U	12 U
Vinyl chloride	10	9 UJ	10 UJ	10 U	12 U
Bromomethane	200	9 UJ	10 UJ	10 U	12 U
Chloroethane	--	9 UJ	10 UJ	10 U	12 U
Trichlorofluoromethane	--	9 UJ	10 UJ	2 J	2 J
1,1-Dichloroethylene	60	9 UJ	10 UJ	10 U	12 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	9 UJ	10 UJ	10 U	12 U
Acetone	16000	10 J	5 J	49 UJ	16 UJ
Carbon disulfide	32000	1 J	1 J	10 U	12 U
Methyl acetate	--	9 UJ	10 UJ	10 U	12 U
Methylene chloride	20	2 J	2 J	13 UJ	12 UJ
trans-1,2-Dichloroethylene	700	9 UJ	10 UJ	10 U	12 U
Methyl tert-butyl ether	--	9 UJ	10 UJ	10 U	12 U
1,1-Dichloroethane	10000	9 UJ	10 UJ	10 U	12 U
cis-1,2-Dichloroethylene	400	2 J	2 J	10 U	12 U
2-Butanone	50000	9 UJ	10 UJ	4 J	12 U
Chloroform	300	9 UJ	10 UJ	10 U	12 U
1,1,1-Trichloroethane	2000	9 UJ	10 UJ	6 J	6 J
Cyclohexane	--	9 UJ	10 UJ	10 U	12 U

301373

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-14
VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW06 CDE-MW06-04 BZE52 08/08/2000 / 09:10 6	MW06 CDE-MW06-06 BZE53 08/08/2000 / 09:15 8	MW07 CDE-MW07-02 BZE28 08/01/2000 / 09:20 4	MW07 CDE-MW07-04 BZE29 08/01/2000 / 09:40 6
CONSTITUENT					
Carbon tetrachloride	70	9 UJ	10 UJ	10 U	12 U
Benzene	30	9 UJ	10 UJ	10 U	12 U
1,2-Dichloroethane	20	9 UJ	10 UJ	10 U	12 U
Trichloroethylene	60	9 UJ	10 UJ	10 U	12 U
Methylcyclohexane	--	9 UJ	10 UJ	1 J	12 U
1,2-Dichloropropane	30	9 UJ	10 UJ	10 U	12 U
Bromodichloromethane	600	9 UJ	10 UJ	10 U	12 U
cis-1,3-Dichloropropene	4	9 UJ	10 UJ	10 U	12 U
4-Methyl-2-pentanone	50000	9 UJ	10 UJ	4 J	12 U
Toluene	12000	2 J	10 UJ	10 U	12 U
trans-1,3-Dichloropropene	4	9 UJ	10 UJ	10 U	12 U
1,1,2-Trichloroethane	20	9 UJ	10 UJ	10 U	12 U
Tetrachloroethylene	60	9 UJ	2 J	10 U	12 U
2-Hexanone	--	9 UJ	10 UJ	10 U	12 U
Dibromochloromethane	400	9 UJ	10 UJ	10 U	12 U
1,2-Dibromoethane	--	9 UJ	10 UJ	10 U	12 U
Chlorobenzene	1000	9 UJ	10 UJ	10 U	12 U
Ethylbenzene	13000	9 UJ	10 UJ	10 U	12 U
Xylene (total)	67000	9 UJ	10 UJ	10 U	12 U
Styrene	4000	9 UJ	10 UJ	10 U	12 U

301374

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-14
VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW06 CDE-MW06-04 BZE52 08/08/2000 / 09:10 6	MW06 CDE-MW06-06 BZE53 08/08/2000 / 09:15 8	MW07 CDE-MW07-02 BZE28 08/01/2000 / 09:20 4	MW07 CDE-MW07-04 BZE29 08/01/2000 / 09:40 6
CONSTITUENT					
Bromoform	800	9 UJ	10 UJ	10 U	12 U
Isopropylbenzene	--	9 UJ	10 UJ	10 U	12 U
1,1,2,2-Tetrachloroethane	3	9 UJ	10 UJ	10 U	12 U
1,3-Dichlorobenzene	100000	9 UJ	10 UJ	10 U	12 U
1,4-Dichlorobenzene	2000	1 J	10 UJ	10 U	12 U
1,2-Dichlorobenzene	17000	9 UJ	10 UJ	10 U	12 U
1,2-Dibromo-3-chloropropane	--	R	R	10 U	12 U
1,2,4-Trichlorobenzene	5000	9 UJ	10 UJ	10 U	12 U
Total VOC TICs		28 J	7 J	R	R

301375

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-14
VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW08 CDE-MW08-02 BZE17 07/18/2000 / 11:22 4	MW08 CDE-MW08-04 BZE18 07/18/2000 / 11:30 6	MW08 CDE-MW08-06 BZE19 07/18/2000 / 11:45 8	MW09 CDE-MW09-04 BZG13 09/18/2000 / 09:40 6
CONSTITUENT					
Dichlorodifluoromethane	--	11 UJ	12 UJ	12 UJ	11 UJ
Chloromethane	10000	11 UJ	12 UJ	12 UJ	11 UJ
Vinyl chloride	10	11 UJ	12 UJ	12 UJ	11 UJ
Bromomethane	200	11 UJ	12 UJ	12 UJ	11 UJ
Chloroethane	--	11 UJ	12 UJ	12 UJ	11 U
Trichlorofluoromethane	--	3 J	3 J	4 J	3 J
1,1-Dichloroethylene	60	11 UJ	12 UJ	12 UJ	11 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	11 UJ	12 UJ	12 UJ	11 U
Acetone	16000	62 UJ	54 UJ	12 UJ	9 J
Carbon disulfide	32000	11 UJ	12 UJ	12 UJ	11 U
Methyl acetate	--	11 UJ	12 UJ	12 UJ	11 U
Methylene chloride	20	11 UJ	12 UJ	12 UJ	11 UJ
trans-1,2-Dichloroethylene	700	11 UJ	12 UJ	12 UJ	11 U
Methyl tert-butyl ether	--	11 UJ	12 UJ	12 UJ	11 U
1,1-Dichloroethane	10000	11 UJ	12 UJ	12 UJ	11 U
cis-1,2-Dichloroethylene	400	11 UJ	12 UJ	12 UJ	11 U
2-Butanone	50000	11 UJ	8 J	8 J	11 UJ
Chloroform	300	11 UJ	12 UJ	12 UJ	11 U
1,1,1-Trichloroethane	2000	8 J	6 J	11 J	11 U
Cyclohexane	--	11 UJ	12 UJ	12 UJ	11 U

301376

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-14
VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW08 CDE-MW08-02 BZE17 07/18/2000 / 11:22 4	MW08 CDE-MW08-04 BZE18 07/18/2000 / 11:30 6	MW08 CDE-MW08-06 BZE19 07/18/2000 / 11:45 8	MW09 CDE-MW09-04 BZG13 09/18/2000 / 09:40 6
CONSTITUENT					
Carbon tetrachloride	70	11 UJ	12 UJ	12 UJ	11 U
Benzene	30	11 UJ	12 UJ	12 UJ	11 U
1,2-Dichloroethane	20	11 UJ	12 UJ	12 UJ	11 U
Trichloroethylene	60	11 UJ	12 UJ	12 UJ	1 J
Methylcyclohexane	--	1 J	12 UJ	12 UJ	11 U
1,2-Dichloropropane	30	11 UJ	12 UJ	12 UJ	11 U
Bromodichloromethane	600	11 UJ	12 UJ	12 UJ	11 U
cis-1,3-Dichloropropene	4	11 UJ	12 UJ	12 UJ	11 U
4-Methyl-2-pentanone	50000	1 J	12 UJ	12 UJ	11 U
Toluene	12000	11 UJ	12 UJ	12 UJ	2 J
trans-1,3-Dichloropropene	4	11 UJ	12 UJ	12 UJ	11 U
1,1,2-Trichloroethane	20	11 UJ	12 UJ	12 UJ	11 U
Tetrachloroethylene	60	11 UJ	12 UJ	12 UJ	11 U
2-Hexanone	--	2 J	12 UJ	12 UJ	11 UJ
Dibromochloromethane	400	11 UJ	12 UJ	12 UJ	11 U
1,2-Dibromoethane	--	11 UJ	12 UJ	12 UJ	11 U
Chlorobenzene	1000	11 UJ	12 UJ	12 UJ	11 U
Ethylbenzene	13000	11 UJ	12 UJ	12 UJ	1 J
Xylene (total)	67000	11 UJ	12 UJ	12 UJ	8 J
Styrene	4000	11 UJ	12 UJ	12 UJ	11 U

301377

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-14
VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW08 CDE-MW08-02 BZE17 07/18/2000 / 11:22 4	MW08 CDE-MW08-04 BZE18 07/18/2000 / 11:30 6	MW08 CDE-MW08-06 BZE19 07/18/2000 / 11:45 8	MW09 CDE-MW09-04 BZG13 09/18/2000 / 09:40 6
CONSTITUENT					
Bromoform	800	11 UJ	12 UJ	12 UJ	11 U
Isopropylbenzene	--	11 UJ	12 UJ	12 UJ	11 U
1,1,2,2-Tetrachloroethane	3	11 UJ	12 UJ	12 UJ	11 U
1,3-Dichlorobenzene	100000	11 UJ	12 UJ	12 UJ	11 U
1,4-Dichlorobenzene	2000	11 UJ	12 UJ	12 UJ	11 U
1,2-Dichlorobenzene	17000	11 UJ	12 UJ	12 UJ	11 U
1,2-Dibromo-3-chloropropane	--	11 UJ	12 UJ	12 UJ	11 U
1,2,4-Trichlorobenzene	5000	11 UJ	12 UJ	12 UJ	11 U
Total VOC TICs		10 J	69 J	86 J	8 J

301378

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-14
VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW09 CDE-MW09-08 BZG14 09/18/2000 / 10:00 10	MW09 CDE-MW09-09 BZG15 Duplicate of CDE-MW09-08	MW09 CDE-MW09-12 BZG16 09/18/2000 / 11:20 14	MW10 CDE-MW10-02 BZE24 07/20/2000 / 11:50 4
CONSTITUENT					
Dichlorodifluoromethane	--	9 U	9 U	9 U	10 UJ
Chloromethane	10000	9 U	9 U	9 U	10 UJ
Vinyl chloride	10	9 U	9 U	9 U	10 UJ
Bromomethane	200	9 U	9 U	9 U	10 UJ
Chloroethane	--	9 U	9 U	9 U	10 UJ
Trichlorofluoromethane	--	9 U	9 U	2 J	4 J
1,1-Dichloroethylene	60	9 U	9 U	9 U	10 UJ
1,1,2-Trichloro-1,2,2-trifluoroethane	--	9 U	9 U	9 U	10 UJ
Acetone	16000	2 J	9 U	9 U	11 UJ
Carbon disulfide	32000	3 J	9 U	9 U	3 J
Methyl acetate	--	9 U	9 U	9 U	10 UJ
Methylene chloride	20	9 UJ	9 UJ	10 UJ	10 UJ
trans-1,2-Dichloroethylene	700	9 U	9 U	9 U	10 UJ
Methyl tert-butyl ether	--	9 U	9 U	9 U	10 UJ
1,1-Dichloroethane	10000	9 U	9 U	9 U	10 UJ
cis-1,2-Dichloroethylene	400	9 U	9 U	9 U	10 UJ
2-Butanone	50000	9 U	9 U	9 U	10 UJ
Chloroform	300	9 U	9 U	9 U	10 UJ
1,1,1-Trichloroethane	2000	9 U	9 U	9 U	8 J
Cyclohexane	--	9 U	9 U	9 U	10 UJ

301379

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-14
VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW09 CDE-MW09-08 BZG14 09/18/2000 / 10:00 10	MW09 CDE-MW09-09 BZG15 Duplicate of CDE-MW09-08	MW09 CDE-MW09-12 BZG16 09/18/2000 / 11:20 14	MW10 CDE-MW10-02 BZE24 07/20/2000 / 11:50 4
CONSTITUENT					
Carbon tetrachloride	70	9 U	9 U	9 U	10 UJ
Benzene	30	9 U	9 U	9 U	10 UJ
1,2-Dichloroethane	20	9 U	9 U	9 U	10 UJ
Trichloroethylene	60	9 U	9 U	9 U	10 UJ
Methylcyclohexane	--	9 U	9 U	9 U	10 UJ
1,2-Dichloropropane	30	9 U	9 U	9 U	10 UJ
Bromodichloromethane	600	9 U	9 U	9 U	10 UJ
cis-1,3-Dichloropropene	4	9 U	9 U	9 U	10 UJ
4-Methyl-2-pentanone	50000	9 U	9 U	9 U	10 UJ
Toluene	12000	9 U	9 U	2 J	10 UJ
trans-1,3-Dichloropropene	4	9 U	9 U	9 U	10 UJ
1,1,2-Trichloroethane	20	9 U	9 U	9 U	10 UJ
Tetrachloroethylene	60	9 U	9 U	9 U	10 UJ
2-Hexanone	--	9 U	9 U	9 U	10 UJ
Dibromochloromethane	400	9 U	9 U	9 U	10 UJ
1,2-Dibromoethane	--	9 U	9 U	9 U	10 UJ
Chlorobenzene	1000	9 U	9 U	9 U	10 UJ
Ethylbenzene	13000	9 U	9 U	9 U	10 UJ
Xylene (total)	67000	9 U	9 U	1 J	10 UJ
Styrene	4000	9 U	9 U	9 U	10 UJ

301380

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-14
VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW09 CDE-MW09-08 BZG14 09/18/2000 / 10:00 10	MW09 CDE-MW09-09 BZG15 Duplicate of CDE-MW09-08	MW09 CDE-MW09-12 BZG16 09/18/2000 / 11:20 14	MW10 CDE-MW10-02 BZE24 07/20/2000 / 11:50 4
CONSTITUENT					
Bromoform	800	9 U	9 U	9 U	10 UJ
Isopropylbenzene	--	9 U	9 U	9 U	10 UJ
1,1,2,2-Tetrachloroethane	3	9 U	9 U	9 U	10 UJ
1,3-Dichlorobenzene	100000	9 U	9 U	9 U	10 UJ
1,4-Dichlorobenzene	2000	9 U	9 U	9 U	10 UJ
1,2-Dichlorobenzene	17000	9 U	9 U	9 U	10 UJ
1,2-Dibromo-3-chloropropane	--	9 U	9 U	9 U	10 UJ
1,2,4-Trichlorobenzene	5000	9 U	9 U	9 U	10 UJ
Total VOC TICs		R	5 J	R	336 J

301381

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-14
VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW10 CDE-MW10-04 BZE25 07/20/2000 / 12:00 6	MW11 CDE-MW11-04 BZF27 08/22/2000 / 09:33 6	MW11 CDE-MW11-06 BZF28 08/22/2000 / 09:44 8	MW11 CDE-MW11-12 BZF29 08/22/2000 / 10:46 14
CONSTITUENT					
Dichlorodifluoromethane	--	13 UJ	R	R	10 UJ
Chloromethane	10000	13 UJ	15 U	1000 UJ	10 UJ
Vinyl chloride	10	13 UJ	650 J	120 J	10 UJ
Bromomethane	200	13 UJ	15 U	1000 UJ	10 U
Chloroethane	--	13 UJ	15 UJ	1000 UJ	10 U
Trichlorofluoromethane	--	5 J	15 UJ	1000 UJ	10 UJ
1,1-Dichloroethylene	60	13 UJ	80	1000 UJ	10 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	13 UJ	15 U	1000 UJ	10 U
Acetone	16000	13 UJ	37 J	1000 UJ	30 U
Carbon disulfide	32000	13 UJ	8 J	1000 UJ	1 J
Methyl acetate	--	13 UJ	15 U	1000 UJ	10 U
Methylene chloride	20	13 UJ	31 UJ	1000 UJ	11
trans-1,2-Dichloroethylene	700	13 UJ	690 J	260 J	6 J
Methyl tert-butyl ether	--	13 UJ	15 U	1000 UJ	10 U
1,1-Dichloroethane	10000	13 UJ	6 J	1000 UJ	10 U
cis-1,2-Dichloroethylene	400	13 UJ	460 JD	8200 J	540 JD
2-Butanone	50000	13 UJ	15 U	1000 UJ	10 U
Chloroform	300	13 UJ	15 U	1000 UJ	10 U
1,1,1-Trichloroethane	2000	11 J	3 J	1000 UJ	10 U
Cyclohexane	--	13 UJ	15 U	1000 UJ	10 U

301382

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-14
VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW10 CDE-MW10-04 BZE25 07/20/2000 / 12:00 6	MW11 CDE-MW11-04 BZF27 08/22/2000 / 09:33 6	MW11 CDE-MW11-06 BZF28 08/22/2000 / 09:44 8	MW11 CDE-MW11-12 BZF29 08/22/2000 / 10:46 14
CONSTITUENT					
Carbon tetrachloride	70	13 UJ	15 U	1000 UJ	10 U
Benzene	30	13 UJ	10 J	1000 UJ	10 U
1,2-Dichloroethane	20	13 UJ	15 U	1000 UJ	10 U
Trichloroethylene	60	13 UJ	230 JD	7800 J	5400 JD
Methylcyclohexane	--	13 UJ	260 JD	630 J	29
1,2-Dichloropropane	30	13 UJ	96	1000 UJ	10 U
Bromodichloromethane	600	13 UJ	15 U	1000 UJ	10 U
cis-1,3-Dichloropropene	4	13 UJ	15 U	1000 UJ	10 U
4-Methyl-2-pentanone	50000	13 UJ	15 U	1000 UJ	10 U
Toluene	12000	13 UJ	83	1000 UJ	1 J
trans-1,3-Dichloropropene	4	13 UJ	15 U	1000 UJ	10 U
1,1,2-Trichloroethane	20	13 UJ	15 UJ	1000 UJ	2 J
Tetrachloroethylene	60	13 UJ	110	1000 UJ	4 J
2-Hexanone	--	13 UJ	15 U	1000 UJ	10 U
Dibromochloromethane	400	13 UJ	15 U	1000 UJ	10 U
1,2-Dibromoethane	--	13 UJ	15 U	1000 UJ	10 U
Chlorobenzene	1000	13 UJ	420 JD	330 J	10 U
Ethylbenzene	13000	13 UJ	45	1000 UJ	10 U
Xylene (total)	67000	13 UJ	380	1000 UJ	4 J
Styrene	4000	13 UJ	15 U	1000 UJ	10 U

301383

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-14
VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW10 CDE-MW10-04 BZE25 07/20/2000 / 12:00 6	MW11 CDE-MW11-04 BZF27 08/22/2000 / 09:33 6	MW11 CDE-MW11-06 BZF28 08/22/2000 / 09:44 8	MW11 CDE-MW11-12 BZF29 08/22/2000 / 10:46 14
CONSTITUENT					
Bromoform	800	13 UJ	15 UJ	1000 UJ	10 U
Isopropylbenzene	--	13 UJ	130	1000 UJ	1 J
1,1,2,2-Tetrachloroethane	3	13 UJ	15 U	1000 UJ	10 U
1,3-Dichlorobenzene	100000	13 UJ	1800 J	630 J	4 J
1,4-Dichlorobenzene	2000	13 UJ	1100 J	490 J	8 J
1,2-Dichlorobenzene	17000	13 UJ	580 J	230 J	3 J
1,2-Dibromo-3-chloropropane	--	13 UJ	15 U	1000 UJ	10 U
1,2,4-Trichlorobenzene	5000	13 UJ	1100 JD	10000 J	4700 JD
Total VOC TICs		R	104100 NJ	27070 NJ	398 NJ

301384

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-14
VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW12 CDE-MW12-04 BZF78 09/05/2000 / 10:21 6	MW12 CDE-MW12-08 BZF79 09/05/2000 / 10:40 10
CONSTITUENT			
Dichlorodifluoromethane	--	10 UJ	9 UJ
Chloromethane	10000	10 UJ	9 UJ
Vinyl chloride	10	10 UJ	9 UJ
Bromomethane	200	10 UJ	9 UJ
Chloroethane	--	10 UJ	9 UJ
Trichlorofluoromethane	--	10 UJ	9 UJ
1,1-Dichloroethylene	60	10 UJ	9 UJ
1,1,2-Trichloro-1,2,2-trifluoroethane	--	10 UJ	9 UJ
Acetone	16000	13 J	4 J
Carbon disulfide	32000	10 UJ	9 UJ
Methyl acetate	--	10 UJ	9 UJ
Methylene chloride	20	10 UJ	9 UJ
trans-1,2-Dichloroethylene	700	10 UJ	9 UJ
Methyl tert-butyl ether	--	10 UJ	9 UJ
1,1-Dichloroethane	10000	10 UJ	9 UJ
cis-1,2-Dichloroethylene	400	2 J	38 J
2-Butanone	50000	10 UJ	9 UJ
Chloroform	300	10 UJ	9 UJ
1,1,1-Trichloroethane	2000	10 UJ	9 UJ
Cyclohexane	--	10 UJ	9 UJ

301385

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-14
VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW12 CDE-MW12-04 BZF78 09/05/2000 / 10:21 6	MW12 CDE-MW12-08 BZF79 09/05/2000 / 10:40 10
CONSTITUENT			
Carbon tetrachloride	70	10 UJ	9 UJ
Benzene	30	10 UJ	9 UJ
1,2-Dichloroethane	20	10 UJ	9 UJ
Trichloroethylene	60	2 J	150 J
Methylcyclohexane	--	10 UJ	9 UJ
1,2-Dichloropropane	30	10 UJ	9 UJ
Bromodichloromethane	600	10 UJ	9 UJ
cis-1,3-Dichloropropene	4	10 UJ	9 UJ
4-Methyl-2-pentanone	50000	10 UJ	9 UJ
Toluene	12000	10 UJ	9 UJ
trans-1,3-Dichloropropene	4	10 UJ	9 UJ
1,1,2-Trichloroethane	20	10 UJ	9 UJ
Tetrachloroethylene	60	10 UJ	9 UJ
2-Hexanone	--	10 UJ	9 UJ
Dibromochloromethane	400	10 UJ	9 UJ
1,2-Dibromoethane	--	10 UJ	9 UJ
Chlorobenzene	1000	10 UJ	9 UJ
Ethylbenzene	13000	10 UJ	9 UJ
Xylene (total)	67000	10 UJ	9 UJ
Styrene	4000	10 UJ	9 UJ

301386

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-14
VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW12 CDE-MW12-04 BZF78 09/05/2000 / 10:21 6	MW12 CDE-MW12-08 BZF79 09/05/2000 / 10:40 10
CONSTITUENT			
Bromoform	800	10 UJ	9 UJ
Isopropylbenzene	--	10 UJ	9 UJ
1,1,2,2-Tetrachloroethane	3	10 UJ	9 UJ
1,3-Dichlorobenzene	100000	10 UJ	9 UJ
1,4-Dichlorobenzene	2000	10 UJ	9 UJ
1,2-Dichlorobenzene	17000	10 UJ	9 UJ
1,2-Dibromo-3-chloropropane	--	10 UJ	9 UJ
1,2,4-Trichlorobenzene	5000	6 J	9 UJ
Total VOC TICs		U	U

301387

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-15
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW01 CDE-MW01-02 BZE32 08/02/2000 / 11:25 4	MW01 CDE-MW01-04 BZE33 08/02/2000 / 11:40 6	MW02 CDE-MW02-02 ZE35 08/02/2000 / 15:20 4	MW02 CDE-MW02-03 BZE36 Duplicate of CDE-MW02-02
CONSTITUENT					
Benzaldehyde	--	360 UJ	350 UJ	760 U	800 U
Phenol	50000	360 UJ	350 U	760 U	800 U
Bis(2-chloroethyl)ether	0.4	360 UJ	350 UJ	760 U	800 U
2-Chlorophenol	4000	360 UJ	350 U	760 U	800 U
2-Methylphenol	15000	360 UJ	350 U	760 U	800 U
Bis(2-chloro-1-methylethyl) ether	10000	360 UJ	350 UJ	760 UJ	800 UJ
Acetophenone	--	360 UJ	350 U	760 U	800 U
4-Methylphenol	2800000	360 UJ	350 U	760 U	800 U
N-Nitroso-di-n-propylamine	0.05	360 UJ	350 UJ	760 UJ	800 UJ
Hexachloroethane	500	360 UJ	350 U	760 U	800 U
Nitrobenzene	100	360 UJ	350 U	760 U	800 U
Isophorone	500	360 UJ	350 UJ	760 U	800 U
2-Nitrophenol	--	360 UJ	350 U	760 U	800 U
2,4-Dimethylphenol	9000	360 UJ	350 U	760 U	800 U
Bis(2-chloroethoxy)methane	--	360 UJ	350 UJ	760 U	800 U
2,4-Dichlorophenol	1000	360 UJ	350 U	760 U	800 U
Naphthalene	84000	360 UJ	350 U	760 U	800 U
4-Chloroaniline	700	360 UJ	350 U	760 U	800 U
Hexachlorobutadiene	1000	360 UJ	350 UJ	760 UJ	800 UJ
Caprolactam	--	360 UJ	350 U	760 U	800 U
4-Chloro-3-methylphenol	100000	360 UJ	350 U	760 U	800 U
3-Methylnaphthalene	--	360 UJ	350 U	2700	3900

301388

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-15
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW01 CDE-MW01-02 BZE32 08/02/2000 / 11:25 4	MW01 CDE-MW01-04 BZE33 08/02/2000 / 11:40 6	MW02 CDE-MW02-02 ZE35 08/02/2000 / 15:20 4	MW02 CDE-MW02-03 BZE36 Duplicate of CDE-MW02-02
CONSTITUENT					
Hexachlorocyclopentadiene	10000	360 UJ	350 U	760 U	800 U
2,4,6-Trichlorophenol	200	360 UJ	350 U	760 U	800 U
2,4,5-Trichlorophenol	50000	900 UJ	880 U	1900 U	2000 U
Biphenyl, 1,1-	--	360 UJ	350 U	760 U	800 U
2-Chloronaphthalene	--	360 UJ	350 U	760 U	800 U
2-Nitroaniline	--	900 UJ	880 UJ	1900 UJ	2000 UJ
Dimethyl phthalate	50000	360 UJ	350 U	760 U	800 U
2,6-Dinitrotoluene	0.7	360 UJ	350 U	760 U	800 U
Acenaphthylene	--	360 UJ	350 U	760 U	800 U
3-Nitroaniline	--	900 UJ	880 U	1900 U	2000 U
Acenaphthene	100000	360 UJ	350 U	760 U	290 J
2,4-Dinitrophenol	200	900 UJ	880 U	1900 U	2000 U
4-Nitrophenol	--	900 UJ	880 U	1900 U	2000 U
Dibenzofuran	--	360 UJ	350 U	370 J	800 U
2,4-Dinitrotoluene	0.8	360 UJ	350 U	760 U	800 U
Diethyl phthalate	50000	360 UJ	350 U	760 U	800 U
Fluorene	100000	360 UJ	350 U	890	570 J
4-Chlorophenyl phenyl ether	--	360 UJ	350 U	760 U	800 U
4-Nitroaniline	--	900 UJ	880 UJ	1900 U	2000 U
4,6-Dinitro-2-methylphenol	--	900 UJ	880 U	1900 U	2000 U
N-Nitrosodiphenylamine	1000	360 UJ	350 U	760 U	800 U
Hexachlorobenzene	300	360 UJ	350 U	760 U	800 U

301389

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-15
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW01 CDE-MW01-02 BZE32 08/02/2000 / 11:25 4	MW01 CDE-MW01-04 BZE33 08/02/2000 / 11:40 6	MW02 CDE-MW02-02 ZE35 08/02/2000 / 15:20 4	MW02 CDE-MW02-03 BZE36 Duplicate of CDE-MW02-02
CONSTITUENT					
Atrazine	--	360 UJ	350 U	760 U	800 U
Pentachlorophenol	30	900 UJ	880 U	1900 U	2000 U
Phenanthrene	--	360 UJ	350 U	3800	3300
Anthracene	100000	360 UJ	350 U	850	800 J
Carbazole	600	360 UJ	350 U	760 U	800 U
Di-n-butyl phthalate	100000	360 UJ	350 U	760 U	800 U
Fluoranthene	100000	360 UJ	350 U	250 J	210 J
Pyrene	100000	360 UJ	350 U	1900	1600
Butyl benzyl phthalate	100000	360 UJ	350 UJ	760 U	800 U
3,3'-Dichlorobenzidine	7	360 UJ	350 U	760 U	800 U
Benzo(a)anthracene	600	360 UJ	350 U	340 J	290 J
Chrysene	9000	360 UJ	350 U	490 J	440 J
bis(2-Ethylhexyl) phthalate	35000	360 UJ	140 J	760 U	800 U
Di-n-octyl phthalate	100000	360 UJ	350 U	760 U	800 U
Benzo(b)fluoranthene	600	360 UJ	350 U	760 U	800 U
Benzo(k)fluoranthene	900	360 UJ	350 U	760 U	800 U
Benzo(a)pyrene	60	360 UJ	350 U	150 J	140 J
Indeno(1,2,3-cd)pyrene	600	360 UJ	350 U	760 U	800 U
Dibenzo(a,h)anthracene	60	360 UJ	350 U	760 U	800 U
Benzo(g,h,i)perylene	--	360 UJ	350 U	170 J	800 U
4-Bromophenyl-phenylether	--	360 UJ	350 U	760 U	800 U
Total SVOC TICs		4380 J	424 J	82840 NJ	57580 NJ

301390

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-15
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW02 CDE-MW02-04 BZE37 08/02/2000 / 15:30 6	MW02A CDE-MW02A-04 BZE68 08/14/2000 / 10:15 6	MW02A CDE-MW02A-06 BZE69 08/14/2000 / 10:45 8	MW02A CDE-MW02A-08 BZE70 08/14/2000 / 10:55 10
CONSTITUENT					
Benzaldehyde	--	760 U	360 UJ	360 UJ	360 UJ
Phenol	50000	760 U	360 U	360 U	360 U
Bis(2-chloroethyl)ether	0.4	760 U	360 U	360 U	360 U
2-Chlorophenol	4000	760 U	360 U	360 U	360 U
2-Methylphenol	15000	760 U	360 U	360 U	360 U
Bis(2-chloro-1-methylethyl) ether	10000	760 UJ	360 U	360 U	360 U
Acetophenone	--	760 U	360 UJ	360 UJ	360 UJ
4-Methylphenol	2800000	760 U	360 U	360 U	360 U
N-Nitroso-di-n-propylamine	0.05	760 UJ	360 U	360 U	360 U
Hexachloroethane	500	760 U	360 U	360 U	360 U
Nitrobenzene	100	760 U	360 U	360 U	360 U
Isophorone	500	760 U	360 U	360 U	360 U
2-Nitrophenol	--	760 U	360 U	360 U	360 U
2,4-Dimethylphenol	9000	760 U	360 U	360 U	360 U
Bis(2-chloroethoxy)methane	--	760 U	360 U	360 U	360 U
2,4-Dichlorophenol	1000	760 U	360 U	360 U	360 U
Naphthalene	84000	760 U	360 U	360 U	360 U
4-Chloroaniline	700	760 U	360 U	360 U	360 U
Hexachlorobutadiene	1000	760 UJ	360 U	360 U	360 U
Caprolactam	--	760 U	360 UJ	360 UJ	360 UJ
4-Chloro-3-methylphenol	100000	760 U	360 U	360 U	360 U
3-Methylnaphthalene	--	110 J	47 J	360 U	360 U

301391

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-15
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW02 CDE-MW02-04 BZE37 08/02/2000 / 15:30 6	MW02A CDE-MW02A-04 BZE68 08/14/2000 / 10:15 6	MW02A CDE-MW02A-06 BZE69 08/14/2000 / 10:45 8	MW02A CDE-MW02A-08 BZE70 08/14/2000 / 10:55 10
CONSTITUENT					
Hexachlorocyclopentadiene	10000	760 U	360 U	360 U	360 U
2,4,6-Trichlorophenol	200	760 U	360 U	360 U	360 U
2,4,5-Trichlorophenol	50000	1900 U	900 U	890 U	910 U
Biphenyl, 1,1-	--	760 U	360 U	360 U	360 U
2-Chloronaphthalene	--	760 U	360 U	360 U	360 U
2-Nitroaniline	--	1900 UJ	900 U	890 U	910 U
Dimethyl phthalate	50000	760 U	360 U	360 U	360 U
2,6-Dinitrotoluene	0.7	760 U	360 U	360 U	360 U
Acenaphthylene	--	760 U	360 U	360 U	360 U
3-Nitroaniline	--	1900 U	900 U	890 U	910 U
Acenaphthene	100000	320 J	360 U	360 U	360 U
2,4-Dinitrophenol	200	1900 U	900 U	890 U	910 U
4-Nitrophenol	--	1900 U	900 U	890 U	910 U
Dibenzofuran	--	760 U	360 U	360 U	360 U
2,4-Dinitrotoluene	0.8	760 U	360 U	360 U	360 U
Diethyl phthalate	50000	760 U	360 UJ	360 UJ	360 UJ
Fluorene	100000	520 J	360 U	46 J	38 J
4-Chlorophenyl phenyl ether	--	760 U	360 U	360 U	360 U
4-Nitroaniline	--	1900 U	900 U	890 U	910 U
4,6-Dinitro-2-methylphenol	--	1900 U	900 U	890 U	910 U
N-Nitrosodiphenylamine	1000	760 U	360 U	360 U	360 U
Hexachlorobenzene	300	760 U	360 U	360 U	360 U

301392

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-15
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW02 CDE-MW02-04 BZE37 08/02/2000 / 15:30 6	MW02A CDE-MW02A-04 BZE68 08/14/2000 / 10:15 6	MW02A CDE-MW02A-06 BZE69 08/14/2000 / 10:45 8	MW02A CDE-MW02A-08 BZE70 08/14/2000 / 10:55 10
CONSTITUENT					
Atrazine	--	760 U	360 UJ	360 UJ	360 UJ
Pentachlorophenol	30	1900 U	900 U	890 U	910 U
Phenanthrene	--	2200	360 U	360 U	360 U
Anthracene	100000	570 J	360 U	360 U	360 U
Carbazole	600	760 U	360 U	360 U	360 U
Di-n-butyl phthalate	100000	760 U	71 J	39 J	43 J
Fluoranthene	100000	140 J	360 U	360 U	360 U
Pyrene	100000	1100	40 J	62 J	47 J
Butyl benzyl phthalate	100000	760 U	360 U	360 U	360 U
3,3'-Dichlorobenzidine	7	760 U	360 U	360 U	360 U
Benzo(a)anthracene	600	210 J	360 U	360 U	360 U
Chrysene	9000	280 J	360 U	41 J	37 J
bis(2-Ethylhexyl) phthalate	35000	760 U	360 U	360 U	360 U
Di-n-octyl phthalate	100000	760 U	360 U	360 U	360 U
Benzo(b)fluoranthene	600	760 U	360 U	360 U	360 U
Benzo(k)fluoranthene	900	760 U	360 U	360 U	360 U
Benzo(a)pyrene	60	77 J	360 U	360 U	360 U
Indeno(1,2,3-cd)pyrene	600	760 U	360 U	360 U	360 U
Dibenzo(a,h)anthracene	60	760 U	360 U	360 U	360 U
Benzo(g,h,i)perylene	--	760 U	360 U	360 U	360 U
4-Bromophenyl-phenylether	--	760 U	360 U	360 U	360 U
Total SVOC TICs		50870 NJ	3607 NJ	3654 NJ	3799 NJ

301393

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-15
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW03 CDE-MW03-02 BZE43 08/03/2000 / 15:00 4	MW03 CDE-MW03-04 BZE44 08/03/2000 / 15:10 6	MW03 CDE-MW03-06 BZE45 08/03/2000 / 15:25 8	MW04 CDE-MW04-04 BZE91 08/15/2000 / 13:36 6
CONSTITUENT					
Benzaldehyde	--	380 UJ	380 UJ	360 U	3700 UJ
Phenol	50000	380 U	380 U	360 U	3700 UJ
Bis(2-chloroethyl)ether	0.4	380 UJ	380 UJ	360 U	3700 UJ
2-Chlorophenol	4000	380 U	380 U	360 U	3700 UJ
2-Methylphenol	15000	380 U	380 U	360 U	3700 UJ
Bis(2-chloro-1-methylethyl) ether	10000	380 UJ	380 UJ	360 UJ	3700 UJ
Acetophenone	--	380 U	380 U	360 U	3700 UJ
4-Methylphenol	2800000	380 U	380 U	360 U	3700 UJ
N-Nitroso-di-n-propylamine	0.05	380 UJ	380 UJ	360 UJ	3700 UJ
Hexachloroethane	500	380 U	380 U	360 U	3700 UJ
Nitrobenzene	100	380 U	380 U	360 U	3700 UJ
Isophorone	500	380 UJ	380 UJ	360 U	3700 UJ
2-Nitrophenol	--	380 U	380 U	360 U	3700 UJ
2,4-Dimethylphenol	9000	380 U	380 U	360 U	3700 UJ
Bis(2-chloroethoxy)methane	--	380 UJ	380 UJ	360 U	3700 UJ
2,4-Dichlorophenol	1000	380 U	380 U	360 U	3700 UJ
Naphthalene	84000	380 U	380 U	360 U	3700 UJ
4-Chloroaniline	700	380 U	380 U	360 U	3700 UJ
Hexachlorobutadiene	1000	380 UJ	380 UJ	360 UJ	3700 UJ
Caprolactam	--	380 U	380 U	360 U	3700 UJ
4-Chloro-3-methylphenol	100000	380 U	380 U	360 U	3700 UJ
3-Methylnaphthalene	--	380 U	380 U	360 U	3700 UJ

301394

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-15
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW03 CDE-MW03-02 BZE43 08/03/2000 / 15:00 4	MW03 CDE-MW03-04 BZE44 08/03/2000 / 15:10 6	MW03 CDE-MW03-06 BZE45 08/03/2000 / 15:25 8	MW04 CDE-MW04-04 BZE91 08/15/2000 / 13:36 6
CONSTITUENT					
Hexachlorocyclopentadiene	10000	380 U	380 U	360 U	3700 UJ
2,4,6-Trichlorophenol	200	380 U	380 U	360 U	3700 UJ
2,4,5-Trichlorophenol	50000	940 U	950 U	900 U	9400 UJ
Biphenyl, 1,1-	--	380 U	380 U	360 U	3700 UJ
2-Chloronaphthalene	--	380 U	380 U	360 U	3700 UJ
2-Nitroaniline	--	940 UJ	950 UJ	900 UJ	9400 UJ
Dimethyl phthalate	50000	380 U	380 U	360 U	3700 UJ
2,6-Dinitrotoluene	0.7	380 U	380 U	360 U	3700 UJ
Acenaphthylene	--	380 U	380 U	360 U	3700 UJ
3-Nitroaniline	--	940 U	950 U	900 U	9400 UJ
Acenaphthene	100000	380 U	380 U	360 U	3700 UJ
2,4-Dinitrophenol	200	940 U	950 U	900 U	9400 UJ
4-Nitrophenol	--	940 U	950 U	900 U	9400 UJ
Dibenzofuran	--	380 U	380 U	360 U	3700 UJ
2,4-Dinitrotoluene	0.8	380 U	380 U	360 U	3700 UJ
Diethyl phthalate	50000	380 U	380 U	360 U	3700 UJ
Fluorene	100000	380 U	380 U	360 U	3700 UJ
4-Chlorophenyl phenyl ether	--	380 U	380 U	360 U	3700 UJ
4-Nitroaniline	--	940 UJ	950 UJ	900 U	9400 UJ
4,6-Dinitro-2-methylphenol	--	940 U	950 U	900 U	9400 UJ
N-Nitrosodiphenylamine	1000	380 U	380 U	360 U	3700 UJ
Hexachlorobenzene	300	380 U	380 U	360 U	3700 UJ

301395

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-15
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW03 CDE-MW03-02 BZE43 08/03/2000 / 15:00 4	MW03 CDE-MW03-04 BZE44 08/03/2000 / 15:10 6	MW03 CDE-MW03-06 BZE45 08/03/2000 / 15:25 8	MW04 CDE-MW04-04 BZE91 08/15/2000 / 13:36 6
CONSTITUENT					
Atrazine	--	380 U	380 U	360 U	3700 UJ
Pentachlorophenol	30	940 U	950 U	900 U	9400 UJ
Phenanthrene	--	380 U	380 U	360 U	3700 UJ
Anthracene	100000	380 U	380 U	360 U	3700 UJ
Carbazole	600	380 U	380 U	360 U	3700 UJ
Di-n-butyl phthalate	100000	380 U	380 U	360 U	3700 UJ
Fluoranthene	100000	380 U	380 U	360 U	3700 UJ
Pyrene	100000	380 U	380 U	360 U	3700 UJ
Butyl benzyl phthalate	100000	380 UJ	380 UJ	360 U	3700 UJ
3,3'-Dichlorobenzidine	7	380 U	380 U	360 U	3700 UJ
Benzo(a)anthracene	600	380 U	380 U	360 U	3700 UJ
Chrysene	9000	380 U	380 U	360 U	3700 UJ
bis(2-Ethylhexyl) phthalate	35000	73 J	79 J	980	3700 UJ
Di-n-octyl phthalate	100000	380 U	380 U	360 U	3700 UJ
Benzo(b)fluoranthene	600	380 U	380 U	360 U	3700 UJ
Benzo(k)fluoranthene	900	380 U	380 U	360 U	3700 UJ
Benzo(a)pyrene	60	380 U	380 U	360 U	3700 UJ
Indeno(1,2,3-cd)pyrene	600	380 U	380 U	360 U	3700 UJ
Dibenzo(a,h)anthracene	60	380 U	380 U	360 U	3700 UJ
Benzo(g,h,i)perylene	--	380 U	380 U	360 U	3700 UJ
4-Bromophenyl-phenylether	--	380 U	380 U	360 U	3700 UJ
Total SVOC TICs		306 NJ	240 J	R	3360 J

301396

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-15
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW04 CDE-MW04-12 BZE92 08/15/2000 / 16:00 14	MW05 CDE-MW05-06 BZF08 08/18/2000 / 10:05 8	MW05 CDE-MW05-10 BZF09 08/18/2000 / 10:20 12	MW06 CDE-MW06-02 BZE51 08/08/2000 / 09:05 4
CONSTITUENT					
Benzaldehyde	--	400 UJ	3900 UJ	380 UJ	400 U
Phenol	50000	400 UJ	3900 U	380 U	400 U
Bis(2-chloroethyl)ether	0.4	400 UJ	3900 U	380 U	400 U
2-Chlorophenol	4000	400 UJ	3900 U	380 U	400 U
2-Methylphenol	15000	400 UJ	3900 U	380 U	400 U
Bis(2-chloro-1-methylethyl) ether	10000	400 UJ	3900 U	380 U	400 U
Acetophenone	--	400 UJ	3900 U	380 U	400 U
4-Methylphenol	2800000	400 UJ	3900 U	380 U	400 U
N-Nitroso-di-n-propylamine	0.05	400 UJ	3900 U	380 U	400 U
Hexachloroethane	500	400 UJ	3900 U	380 U	400 U
Nitrobenzene	100	400 UJ	3900 U	380 U	400 U
Isophorone	500	400 UJ	3900 U	380 U	400 U
2-Nitrophenol	--	400 UJ	3900 U	380 U	400 U
2,4-Dimethylphenol	9000	400 UJ	3900 U	380 U	400 U
Bis(2-chloroethoxy)methane	--	400 UJ	3900 U	380 U	400 U
2,4-Dichlorophenol	1000	400 UJ	3900 U	380 U	400 U
Naphthalene	84000	400 UJ	670 J	380 U	79 J
4-Chloroaniline	700	400 UJ	3900 U	380 U	400 U
Hexachlorobutadiene	1000	400 UJ	3900 U	380 U	400 U
Caprolactam	--	400 UJ	3900 U	380 U	400 U
4-Chloro-3-methylphenol	100000	400 UJ	3900 U	380 U	400 U
3-Methylnaphthalene	--	400 UJ	1200 J	380 U	50 J

301397

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-15
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW04 CDE-MW04-12 BZE92 08/15/2000 / 16:00 14	MW05 CDE-MW05-06 BZF08 08/18/2000 / 10:05 8	MW05 CDE-MW05-10 BZF09 08/18/2000 / 10:20 12	MW06 CDE-MW06-02 BZE51 08/08/2000 / 09:05 4
CONSTITUENT					
Hexachlorocyclopentadiene	10000	400 UJ	3900 U	380 U	400 U
2,4,6-Trichlorophenol	200	400 UJ	3900 U	380 U	400 U
2,4,5-Trichlorophenol	50000	1000 UJ	9800 U	940 U	1000 U
Biphenyl, 1,1-	--	400 UJ	3900 UJ	380 UJ	100 J
2-Chloronaphthalene	--	400 UJ	3900 U	380 U	400 U
2-Nitroaniline	--	1000 UJ	9800 U	940 U	1000 U
Dimethyl phthalate	50000	400 UJ	3900 U	380 U	400 U
2,6-Dinitrotoluene	0.7	400 UJ	3900 U	380 U	400 U
Acenaphthylene	--	400 UJ	3900 U	380 U	400 U
3-Nitroaniline	--	1000 UJ	9800 U	940 U	1000 U
Acenaphthene	100000	400 UJ	3900 U	380 U	340 J
2,4-Dinitrophenol	200	1000 UJ	9800 UJ	940 UJ	1000 U
4-Nitrophenol	--	1000 UJ	9800 U	940 U	1000 U
Dibenzofuran	--	400 UJ	500 J	380 U	110 J
2,4-Dinitrotoluene	0.8	400 UJ	3900 U	380 U	400 U
Diethyl phthalate	50000	400 UJ	3900 U	380 U	400 U
Fluorene	100000	400 UJ	3900 U	380 U	210 J
4-Chlorophenyl phenyl ether	--	400 UJ	3900 U	380 U	400 U
4-Nitroaniline	--	1000 UJ	9800 U	940 U	1000 U
4,6-Dinitro-2-methylphenol	--	1000 UJ	9800 U	940 U	1000 U
N-Nitrosodiphenylamine	1000	400 UJ	3900 U	380 U	400 U
Hexachlorobenzene	300	400 UJ	3900 U	380 U	400 U

301398

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-15
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW04 CDE-MW04-12 BZE92 08/15/2000 / 16:00 14	MW05 CDE-MW05-06 BZF08 08/18/2000 / 10:05 8	MW05 CDE-MW05-10 BZF09 08/18/2000 / 10:20 12	MW06 CDE-MW06-02 BZE51 08/08/2000 / 09:05 4
CONSTITUENT					
Atrazine	--	400 UJ	3900 U	380 U	400 U
Pentachlorophenol	30	1000 UJ	9800 U	940 U	1000 U
Phenanthrene	--	400 UJ	940 J	380 U	1000
Anthracene	100000	400 UJ	3900 U	380 U	230 J
Carbazole	600	400 UJ	3900 U	380 U	160 J
Di-n-butyl phthalate	100000	42 J	3900 U	41 J	400 U
Fluoranthene	100000	88 J	3900 U	380 U	1500
Pyrene	100000	78 J	3900 U	380 U	2400
Butyl benzyl phthalate	100000	400 UJ	3900 U	380 U	400 U
3,3'-Dichlorobenzidine	7	400 UJ	3900 U	380 U	400 U
Benzo(a)anthracene	600	41 J	3900 U	380 U	1500
Chrysene	9000	50 J	3900 U	380 U	1700
bis(2-Ethylhexyl) phthalate	35000	400 UJ	3900 U	380 U	400 U
Di-n-octyl phthalate	100000	400 UJ	3900 U	380 U	400 U
Benzo(b)fluoranthene	600	400 UJ	3900 U	380 U	2500
Benzo(k)fluoranthene	900	400 UJ	3900 U	380 U	1000
Benzo(a)pyrene	60	42 J	3900 U	380 U	2200
Indeno(1,2,3-cd)pyrene	600	400 UJ	3900 U	380 U	1600
Dibenzo(a,h)anthracene	60	400 UJ	3900 U	380 U	350 J
Benzo(g,h,i)perylene	--	400 UJ	3900 U	380 U	1600
4-Bromophenyl-phenylether	--	400 UJ	3900 U	380 U	400 U
Total SVOC TICs		1727 NJ	96710 NJ	23606 NJ	1199000 ANJ

301399

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-15
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW06 CDE-MW06-04 BZE52 08/08/2000 / 09:10 6	MW06 CDE-MW06-06 BZE53 08/08/2000 / 09:15 8	MW07 CDE-MW07-02 BZE28 08/01/2000 / 09:20 4	MW07 CDE-MW07-04 BZE29 08/01/2000 / 09:40 6
CONSTITUENT					
Benzaldehyde	--	370 U	360 U	370 UJ	360 UJ
Phenol	50000	370 U	360 U	370 U	360 U
Bis(2-chloroethyl)ether	0.4	370 U	360 U	370 UJ	360 UJ
2-Chlorophenol	4000	370 U	360 U	370 U	360 U
2-Methylphenol	15000	370 U	360 U	370 U	360 U
Bis(2-chloro-1-methylethyl) ether	10000	370 U	360 U	370 UJ	360 UJ
Acetophenone	--	370 U	360 U	370 U	360 U
4-Methylphenol	2800000	370 U	360 U	370 U	360 U
N-Nitroso-di-n-propylamine	0.05	370 U	360 U	370 UJ	360 UJ
Hexachloroethane	500	370 U	360 U	370 U	360 U
Nitrobenzene	100	370 U	360 U	370 U	360 U
Isophorone	500	370 U	360 U	370 UJ	360 UJ
2-Nitrophenol	--	370 U	360 U	370 U	360 U
2,4-Dimethylphenol	9000	370 U	360 U	370 U	360 U
Bis(2-chloroethoxy)methane	--	370 U	360 U	370 UJ	360 UJ
2,4-Dichlorophenol	1000	370 U	360 U	370 U	360 U
Naphthalene	84000	370 U	360 U	370 U	360 U
4-Chloroaniline	700	370 U	360 U	370 U	360 U
Hexachlorobutadiene	1000	370 U	360 U	370 UJ	360 UJ
Caprolactam	--	370 U	360 U	370 U	360 U
4-Chloro-3-methylphenol	100000	370 U	360 U	370 U	360 U
3-Methylnaphthalene	--	370 U	360 U	370 U	360 U

301400

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-15
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW06 CDE-MW06-04 BZE52 08/08/2000 / 09:10 6	MW06 CDE-MW06-06 BZE53 08/08/2000 / 09:15 8	MW07 CDE-MW07-02 BZE28 08/01/2000 / 09:20 4	MW07 CDE-MW07-04 BZE29 08/01/2000 / 09:40 6
CONSTITUENT					
Hexachlorocyclopentadiene	10000	370 U	360 U	370 U	360 U
2,4,6-Trichlorophenol	200	370 U	360 U	370 U	360 U
2,4,5-Trichlorophenol	50000	940 U	910 U	930 U	900 U
Biphenyl, 1,1-	--	370 U	360 U	370 U	360 U
2-Chloronaphthalene	--	370 U	360 U	370 U	360 U
2-Nitroaniline	--	940 U	910 U	930 UJ	900 UJ
Dimethyl phthalate	50000	370 U	360 U	370 U	360 U
2,6-Dinitrotoluene	0.7	370 U	360 U	370 U	360 U
Acenaphthylene	--	370 U	360 U	370 U	62 J
3-Nitroaniline	--	940 U	910 U	930 U	900 U
Acenaphthene	100000	370 U	360 U	370 U	360 U
2,4-Dinitrophenol	200	940 U	910 U	930 U	900 U
4-Nitrophenol	--	940 U	910 U	930 U	900 U
Dibenzofuran	--	370 U	360 U	370 U	360 U
2,4-Dinitrotoluene	0.8	370 U	360 U	370 U	360 U
Diethyl phthalate	50000	370 U	360 U	370 U	360 U
Fluorene	100000	370 U	360 U	370 U	49 J
4-Chlorophenyl phenyl ether	--	370 U	360 U	370 U	360 U
4-Nitroaniline	--	940 U	910 U	930 UJ	900 UJ
4,6-Dinitro-2-methylphenol	--	940 U	910 U	930 U	900 U
N-Nitrosodiphenylamine	1000	370 U	360 U	370 U	360 U
Hexachlorobenzene	300	370 U	360 U	370 U	360 U

301401

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-15
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW06 CDE-MW06-04 BZE52 08/08/2000 / 09:10 6	MW06 CDE-MW06-06 BZE53 08/08/2000 / 09:15 8	MW07 CDE-MW07-02 BZE28 08/01/2000 / 09:20 4	MW07 CDE-MW07-04 BZE29 08/01/2000 / 09:40 6
CONSTITUENT					
Atrazine	--	370 U	360 U	370 U	360 U
Pentachlorophenol	30	940 U	910 U	930 U	900 U
Phenanthrene	--	370 U	190 J	120 J	320 J
Anthracene	100000	370 U	40 J	370 U	96 J
Carbazole	600	370 U	360 U	370 U	360 U
Di-n-butyl phthalate	100000	370 U	360 U	370 U	360 U
Fluoranthene	100000	45 J	300 J	150 J	470
Pyrene	100000	41 J	300 J	160 J	570
Butyl benzyl phthalate	100000	370 U	360 U	370 UJ	360 UJ
3,3'-Dichlorobenzidine	7	370 U	360 U	370 U	360 U
Benzo(a)anthracene	600	370 U	190 J	84 J	240 J
Chrysene	9000	370 U	220 J	95 J	300 J
bis(2-Ethylhexyl) phthalate	35000	370 U	360 U	370 U	360 U
Di-n-octyl phthalate	100000	370 U	360 U	370 U	360 U
Benzo(b)fluoranthene	600	370 U	360	59 J	360 U
Benzo(k)fluoranthene	900	370 U	140 J	73 J	350 J
Benzo(a)pyrene	60	370 U	300 J	59 J	210 J
Indeno(1,2,3-cd)pyrene	600	370 U	240 J	41 J	130 J
Dibenzo(a,h)anthracene	60	370 U	360 U	370 U	360 U
Benzo(g,h,i)perylene	--	370 U	250 J	370 U	96 J
4-Bromophenyl-phenylether	--	370 U	360 U	370 U	360 U
Total SVOC TICs		5351 NJ	26910 ANJ	606 J	2015 NJ

301402

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-15
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW08 CDE-MW08-02 BZE17 07/18/2000 / 11:22 4	MW08 CDE-MW08-04 BZE18 07/18/2000 / 11:30 6	MW08 CDE-MW08-06 BZE19 07/18/2000 / 11:45 8	MW09 CDE-MW09-04 BZG13 09/18/2000 / 09:40 6
CONSTITUENT					
Benzaldehyde	--	380 U	370 U	400 U	4300 UJ
Phenol	50000	380 U	370 U	400 U	4300 U
Bis(2-chloroethyl)ether	0.4	380 U	370 U	400 U	4300 U
2-Chlorophenol	4000	380 U	370 U	400 U	4300 U
2-Methylphenol	15000	380 U	370 U	400 U	4300 U
Bis(2-chloro-1-methylethyl) ether	10000	380 U	370 U	400 U	4300 UJ
Acetophenone	--	380 U	370 U	400 U	4300 U
4-Methylphenol	2800000	380 U	370 U	400 U	4300 U
N-Nitroso-di-n-propylamine	0.05	380 U	370 U	400 U	4300 U
Hexachloroethane	500	380 U	370 U	400 U	4300 U
Nitrobenzene	100	380 U	370 U	400 U	4300 U
Isophorone	500	380 U	370 U	400 U	4300 U
2-Nitrophenol	--	380 U	370 U	400 U	4300 U
2,4-Dimethylphenol	9000	380 U	370 U	400 U	4300 U
Bis(2-chloroethoxy)methane	--	380 U	370 U	400 U	4300 U
2,4-Dichlorophenol	1000	380 U	370 U	400 U	4300 U
Naphthalene	84000	380 U	370 U	400 U	4300 U
4-Chloroaniline	700	380 U	370 U	400 U	4300 U
Hexachlorobutadiene	1000	380 U	370 U	400 U	4300 U
Caprolactam	--	380 U	370 U	400 U	4300 U
4-Chloro-3-methylphenol	100000	380 U	370 U	400 U	4300 U
3-Methylnaphthalene	--	380 U	370 U	400 U	4300 U

301403

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-15
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW08 CDE-MW08-02 BZE17 07/18/2000 / 11:22 4	MW08 CDE-MW08-04 BZE18 07/18/2000 / 11:30 6	MW08 CDE-MW08-06 BZE19 07/18/2000 / 11:45 8	MW09 CDE-MW09-04 BZG13 09/18/2000 / 09:40 6
CONSTITUENT					
Hexachlorocyclopentadiene	10000	380 U	370 U	400 U	4300 U
2,4,6-Trichlorophenol	200	380 U	370 U	400 U	4300 U
2,4,5-Trichlorophenol	50000	950 U	920 U	1000 U	11000 U
Biphenyl, 1,1-	--	380 U	370 U	400 U	4300 U
2-Chloronaphthalene	--	380 U	370 U	400 U	4300 U
2-Nitroaniline	--	950 U	920 U	1000 U	11000 U
Dimethyl phthalate	50000	380 U	370 U	400 U	4300 U
2,6-Dinitrotoluene	0.7	380 U	370 U	400 U	4300 U
Acenaphthylene	--	380 U	370 U	400 U	4300 U
3-Nitroaniline	--	950 U	920 U	1000 U	11000 U
Acenaphthene	100000	380 U	370 U	400 U	4300 U
2,4-Dinitrophenol	200	950 UJ	920 UJ	1000 UJ	11000 U
4-Nitrophenol	--	950 U	920 U	1000 U	11000 U
Dibenzofuran	--	380 U	370 U	400 U	4300 U
2,4-Dinitrotoluene	0.8	380 U	370 U	400 U	4300 U
Diethyl phthalate	50000	380 U	370 U	400 U	4300 U
Fluorene	100000	380 U	370 U	400 U	4300 U
4-Chlorophenyl phenyl ether	--	380 U	370 U	400 U	4300 U
4-Nitroaniline	--	950 U	920 U	1000 U	11000 UJ
4,6-Dinitro-2-methylphenol	--	950 U	920 U	1000 U	11000 U
N-Nitrosodiphenylamine	1000	380 U	370 U	400 U	4300 U
Hexachlorobenzene	300	380 U	370 U	400 U	4300 U

301404

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-15
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW08 CDE-MW08-02 BZE17 07/18/2000 / 11:22 4	MW08 CDE-MW08-04 BZE18 07/18/2000 / 11:30 6	MW08 CDE-MW08-06 BZE19 07/18/2000 / 11:45 8	MW09 CDE-MW09-04 BZG13 09/18/2000 / 09:40 6
CONSTITUENT					
Atrazine	--	380 U	370 U	400 U	4300 U
Pentachlorophenol	30	950 U	920 U	1000 U	11000 U
Phenanthrene	--	380 U	370 U	170 J	4300 U
Anthracene	100000	380 U	370 U	400 U	4300 U
Carbazole	600	380 U	370 U	400 U	4300 U
Di-n-butyl phthalate	100000	380 U	370 U	400 U	4300 U
Fluoranthene	100000	380 U	370 U	290 J	4300 U
Pyrene	100000	380 U	370 U	340 J	4300 U
Butyl benzyl phthalate	100000	380 U	370 U	400 U	4300 U
3,3'-Dichlorobenzidine	7	380 U	370 U	400 U	4300 U
Benzo(a)anthracene	600	380 U	370 U	140 J	4300 U
Chrysene	9000	380 U	370 U	160 J	4300 U
bis(2-Ethylhexyl) phthalate	35000	990 U	370 U	80 J	4300 U
Di-n-octyl phthalate	100000	380 U	370 U	400 U	4300 U
Benzo(b)fluoranthene	600	380 U	370 U	160 J	4300 U
Benzo(k)fluoranthene	900	380 U	370 U	160 J	4300 UJ
Benzo(a)pyrene	60	380 U	370 U	140 J	4300 U
Indeno(1,2,3-cd)pyrene	600	380 U	370 U	120 J	4300 U
Dibenzo(a,h)anthracene	60	380 U	370 U	400 U	4300 U
Benzo(g,h,i)perylene	--	380 U	370 U	110 J	4300 U
4-Bromophenyl-phenylether	--	380 U	370 U	400 U	4300 U
Total SVOC TICs		R	R	6154 NJ	1405400 NJ

301405

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-15
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW09 CDE-MW09-08 BZG14 09/18/2000 / 10:00 10	MW09 CDE-MW09-09 BZG15 Duplicate of CDE-MW09-08	MW09 CDE-MW09-12 BZG16 09/18/2000 / 11:20 14	MW10 CDE-MW10-02 BZE24 07/20/2000 / 11:50 4
CONSTITUENT					
Benzaldehyde	--	370 UJ	380 UJ	340 UJ	370 U
Phenol	50000	370 U	380 U	340 U	370 U
Bis(2-chloroethyl)ether	0.4	370 U	380 U	340 U	370 U
2-Chlorophenol	4000	370 U	380 U	340 U	370 U
2-Methylphenol	15000	370 U	380 U	340 U	370 U
Bis(2-chloro-1-methylethyl) ether	10000	370 U	380 U	340 U	370 U
Acetophenone	--	370 U	380 U	340 U	370 U
4-Methylphenol	2800000	370 U	380 U	340 U	370 U
N-Nitroso-di-n-propylamine	0.05	370 U	380 U	340 U	370 U
Hexachloroethane	500	370 U	380 U	340 U	370 U
Nitrobenzene	100	370 U	380 U	340 U	370 U
Isophorone	500	370 U	380 U	340 U	370 U
2-Nitrophenol	--	370 U	380 U	340 U	370 U
2,4-Dimethylphenol	9000	370 U	380 U	340 U	370 U
Bis(2-chloroethoxy)methane	--	370 U	380 U	340 U	370 U
2,4-Dichlorophenol	1000	370 U	380 U	340 U	370 U
Naphthalene	84000	370 U	380 U	340 U	370 U
4-Chloroaniline	700	370 UJ	380 UJ	340 UJ	370 U
Hexachlorobutadiene	1000	370 U	380 U	340 U	370 U
Caprolactam	--	370 U	380 U	340 U	370 U
4-Chloro-3-methylphenol	100000	370 U	380 U	340 U	370 U
3-Methylnaphthalene	--	370 U	380 U	340 U	370 U

301406

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-15
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW09 CDE-MW09-08 BZG14 09/18/2000 / 10:00 10	MW09 CDE-MW09-09 BZG15 Duplicate of CDE-MW09-08	MW09 CDE-MW09-12 BZG16 09/18/2000 / 11:20 14	MW10 CDE-MW10-02 BZE24 07/20/2000 / 11:50 4
CONSTITUENT					
Hexachlorocyclopentadiene	10000	370 U	380 U	340 U	370 U
2,4,6-Trichlorophenol	200	370 U	380 U	340 U	370 U
2,4,5-Trichlorophenol	50000	940 U	960 U	870 U	920 U
Biphenyl, 1,1-	--	370 U	380 U	340 U	370 U
2-Chloronaphthalene	--	370 U	380 U	340 U	370 U
2-Nitroaniline	--	940 U	960 U	870 U	920 U
Dimethyl phthalate	50000	370 U	380 U	340 U	370 U
2,6-Dinitrotoluene	0.7	370 U	380 U	340 U	370 U
Acenaphthylene	--	370 U	380 U	340 U	370 U
3-Nitroaniline	--	940 U	960 U	870 U	920 U
Acenaphthene	100000	370 U	380 U	340 U	370 U
2,4-Dinitrophenol	200	940 UJ	960 UJ	870 UJ	920 UJ
4-Nitrophenol	--	940 UJ	960 UJ	870 UJ	920 U
Dibenzofuran	--	370 U	380 U	340 U	370 U
2,4-Dinitrotoluene	0.8	370 U	380 U	340 U	370 U
Diethyl phthalate	50000	370 U	380 U	340 U	370 U
Fluorene	100000	370 U	380 U	340 U	370 U
4-Chlorophenyl phenyl ether	--	370 U	380 U	340 U	370 U
4-Nitroaniline	--	940 U	960 U	870 U	920 U
4,6-Dinitro-2-methylphenol	--	940 UJ	960 UJ	870 UJ	920 U
N-Nitrosodiphenylamine	1000	370 U	380 U	340 U	370 U
Hexachlorobenzene	300	370 U	380 U	340 U	370 U

301407

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-15
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW09 CDE-MW09-08 BZG14 09/18/2000 / 10:00 10	MW09 CDE-MW09-09 BZG15 Duplicate of CDE-MW09-08	MW09 CDE-MW09-12 BZG16 09/18/2000 / 11:20 14	MW10 CDE-MW10-02 BZE24 07/20/2000 / 11:50 4
CONSTITUENT					
Atrazine	--	370 U	380 U	340 U	370 U
Pentachlorophenol	30	940 U	960 U	870 U	920 U
Phenanthrene	--	370 U	380 U	340 U	370 U
Anthracene	100000	370 U	380 U	340 U	370 U
Carbazole	600	370 U	380 U	340 U	370 U
Di-n-butyl phthalate	100000	24 J	19 J	22 J	370 U
Fluoranthene	100000	370 U	380 U	340 U	370 U
Pyrene	100000	370 U	380 U	340 U	370 U
Butyl benzyl phthalate	100000	370 U	380 U	47 J	370 U
3,3'-Dichlorobenzidine	7	370 U	380 U	340 U	370 U
Benzo(a)anthracene	600	370 U	380 U	340 U	370 U
Chrysene	9000	370 U	380 U	340 U	370 U
bis(2-Ethylhexyl) phthalate	35000	370 U	380 U	780	190 J
Di-n-octyl phthalate	100000	370 U	380 U	340 U	370 U
Benzo(b)fluoranthene	600	370 U	380 U	340 U	370 U
Benzo(k)fluoranthene	900	370 UJ	380 UJ	340 UJ	370 U
Benzo(a)pyrene	60	370 U	380 U	340 U	370 U
Indeno(1,2,3-cd)pyrene	600	370 U	380 U	340 U	370 U
Dibenzo(a,h)anthracene	60	370 U	380 U	340 U	370 U
Benzo(g,h,i)perylene	--	370 U	380 U	340 U	370 U
4-Bromophenyl-phenylether	--	370 U	380 U	340 U	370 U
Total SVOC TICs		4620 NJ	3165 NJ	3222 NJ	R

301408

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-15
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW10 CDE-MW10-04 BZE25 07/20/2000 / 12:00 6	MW11 CDE-MW11-04 BZF27 08/22/2000 / 09:33 6	MW11 CDE-MW11-06 BZF28 08/22/2000 / 09:44 8	MW11 CDE-MW11-12 BZF29 08/22/2000 / 10:46 14
CONSTITUENT					
Benzaldehyde	--	350 U	8500 U	8300 U	380 U
Phenol	50000	350 U	8500 U	8300 U	380 U
Bis(2-chloroethyl)ether	0.4	350 U	8500 U	8300 U	380 U
2-Chlorophenol	4000	350 U	8500 U	8300 U	380 U
2-Methylphenol	15000	350 U	8500 U	8300 U	380 U
Bis(2-chloro-1-methylethyl) ether	10000	350 U	8500 U	8300 U	380 U
Acetophenone	--	350 U	8500 U	8300 U	380 U
4-Methylphenol	2800000	350 U	8500 U	8300 U	380 U
N-Nitroso-di-n-propylamine	0.05	350 U	8500 U	8300 U	380 U
Hexachloroethane	500	350 U	8500 U	8300 U	380 U
Nitrobenzene	100	350 U	8500 U	8300 U	380 U
Isophorone	500	350 U	8500 U	8300 U	380 U
2-Nitrophenol	--	350 U	8500 U	8300 U	380 U
2,4-Dimethylphenol	9000	350 U	8500 U	8300 U	380 U
Bis(2-chloroethoxy)methane	--	350 U	8500 U	8300 U	380 U
2,4-Dichlorophenol	1000	350 U	8500 U	8300 U	380 U
Naphthalene	84000	350 U	8500 U	8300 U	380 U
4-Chloroaniline	700	350 U	8500 U	8300 U	380 U
Hexachlorobutadiene	1000	350 U	8500 U	8300 U	380 U
Caprolactam	--	350 U	8500 U	8300 U	380 U
4-Chloro-3-methylphenol	100000	350 U	8500 U	8300 U	380 U
3-Methylnaphthalene	--	350 U	8500 U	8300 U	380 U

301409

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-15
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW10 CDE-MW10-04 BZE25 07/20/2000 / 12:00 6	MW11 CDE-MW11-04 BZF27 08/22/2000 / 09:33 6	MW11 CDE-MW11-06 BZF28 08/22/2000 / 09:44 8	MW11 CDE-MW11-12 BZF29 08/22/2000 / 10:46 14
CONSTITUENT					
Hexachlorocyclopentadiene	10000	350 U	8500 U	8300 U	380 U
2,4,6-Trichlorophenol	200	350 U	8500 U	8300 U	380 U
2,4,5-Trichlorophenol	50000	870 U	21000 U	21000 U	970 U
Biphenyl, 1,1-	--	350 U	8500 U	8300 U	100 J
2-Chloronaphthalene	--	350 U	8500 U	8300 U	380 U
2-Nitroaniline	--	870 U	21000 U	21000 U	970 U
Dimethyl phthalate	50000	350 U	8500 U	8300 U	380 U
2,6-Dinitrotoluene	0.7	350 U	8500 U	8300 U	380 U
Acenaphthylene	--	350 U	8500 U	8300 U	380 U
3-Nitroaniline	--	870 U	21000 U	21000 U	970 U
Acenaphthene	100000	350 U	8500 U	8300 U	380 U
2,4-Dinitrophenol	200	870 UJ	21000 UJ	21000 UJ	970 UJ
4-Nitrophenol	--	870 U	21000 U	21000 U	970 U
Dibenzofuran	--	350 U	8500 U	8300 U	380 U
2,4-Dinitrotoluene	0.8	350 U	8500 U	8300 U	380 U
Diethyl phthalate	50000	350 U	8500 U	8300 U	380 U
Fluorene	100000	350 U	8500 U	8300 U	380 U
4-Chlorophenyl phenyl ether	--	350 U	8500 U	8300 U	380 U
4-Nitroaniline	--	870 U	21000 U	21000 U	970 U
4,6-Dinitro-2-methylphenol	--	870 U	21000 U	21000 U	970 U
N-Nitrosodiphenylamine	1000	350 U	8500 U	8300 U	380 U
Hexachlorobenzene	300	350 U	8500 U	8300 U	380 U

301410

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-15
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW10 CDE-MW10-04 BZE25 07/20/2000 / 12:00 6	MW11 CDE-MW11-04 BZF27 08/22/2000 / 09:33 6	MW11 CDE-MW11-06 BZF28 08/22/2000 / 09:44 8	MW11 CDE-MW11-12 BZF29 08/22/2000 / 10:46 14
CONSTITUENT					
Atrazine	--	350 U	8500 U	8300 U	380 U
Pentachlorophenol	30	870 U	21000 UJ	21000 UJ	970 UJ
Phenanthrene	--	350 U	8500 U	8300 U	380 U
Anthracene	100000	350 U	8500 U	8300 U	380 U
Carbazole	600	350 U	8500 U	8300 U	380 U
Di-n-butyl phthalate	100000	350 U	8500 U	8300 U	380 U
Fluoranthene	100000	350 U	8500 U	8300 U	380 U
Pyrene	100000	350 U	8500 U	8300 U	380 U
Butyl benzyl phthalate	100000	350 U	8500 U	8300 U	380 U
3,3'-Dichlorobenzidine	7	350 U	8500 U	8300 U	380 U
Benzo(a)anthracene	600	350 U	8500 U	8300 U	380 U
Chrysene	9000	350 U	8500 U	8300 U	380 U
bis(2-Ethylhexyl) phthalate	35000	200 J	8500 U	8300 U	95 J
Di-n-octyl phthalate	100000	350 U	8500 U	8300 U	380 U
Benzo(b)fluoranthene	600	350 U	8500 U	8300 U	380 U
Benzo(k)fluoranthene	900	350 U	8500 U	8300 U	380 U
Benzo(a)pyrene	60	350 U	8500 U	8300 U	380 U
Indeno(1,2,3-cd)pyrene	600	350 U	8500 U	8300 U	380 U
Dibenzo(a,h)anthracene	60	350 U	8500 U	8300 U	380 U
Benzo(g,h,i)perylene	--	350 U	8500 U	8300 U	380 U
4-Bromophenyl-phenylether	--	350 U	8500 U	8300 U	380 U
Total SVOC TICs		R	120000 J	94000 J	R

301411

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-15
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW12 CDE-MW12-04 BZF78 09/05/2000 / 10:21 6	MW12 CDE-MW12-08 BZF79 09/05/2000 / 10:40 10
CONSTITUENT			
Benzaldehyde	--	370 UJ	360 UJ
Phenol	50000	370 UJ	360 UJ
Bis(2-chloroethyl)ether	0.4	370 UJ	360 UJ
2-Chlorophenol	4000	370 UJ	360 UJ
2-Methylphenol	15000	370 UJ	360 UJ
Bis(2-chloro-1-methylethyl) ether	10000	370 UJ	360 UJ
Acetophenone	--	370 UJ	360 UJ
4-Methylphenol	2800000	370 UJ	360 UJ
N-Nitroso-di-n-propylamine	0.05	370 UJ	360 UJ
Hexachloroethane	500	370 UJ	360 UJ
Nitrobenzene	100	370 UJ	360 UJ
Isophorone	500	370 UJ	360 UJ
2-Nitrophenol	--	370 UJ	360 UJ
2,4-Dimethylphenol	9000	370 UJ	360 UJ
Bis(2-chloroethoxy)methane	--	370 UJ	360 UJ
2,4-Dichlorophenol	1000	370 UJ	360 UJ
Naphthalene	84000	370 UJ	360 UJ
4-Chloroaniline	700	370 UJ	360 UJ
Hexachlorobutadiene	1000	370 UJ	360 UJ
Caprolactam	--	370 UJ	360 UJ
4-Chloro-3-methylphenol	100000	370 UJ	360 UJ
3-Methylnaphthalene	--	370 UJ	360 UJ

301412

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-15
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW12 CDE-MW12-04 BZF78 09/05/2000 / 10:21 6	MW12 CDE-MW12-08 BZF79 09/05/2000 / 10:40 10
CONSTITUENT			
Hexachlorocyclopentadiene	10000	370 UJ	360 UJ
2,4,6-Trichlorophenol	200	370 UJ	360 UJ
2,4,5-Trichlorophenol	50000	940 UJ	900 UJ
Biphenyl, 1,1-	--	370 UJ	360 UJ
2-Chloronaphthalene	--	370 UJ	360 UJ
2-Nitroaniline	--	940 UJ	900 UJ
Dimethyl phthalate	50000	370 UJ	360 UJ
2,6-Dinitrotoluene	0.7	370 UJ	360 UJ
Acenaphthylene	--	370 UJ	360 UJ
3-Nitroaniline	--	940 UJ	900 UJ
Acenaphthene	100000	370 UJ	360 UJ
2,4-Dinitrophenol	200	940 UJ	900 UJ
4-Nitrophenol	--	940 UJ	900 UJ
Dibenzofuran	--	370 UJ	360 UJ
2,4-Dinitrotoluene	0.8	370 UJ	360 UJ
Diethyl phthalate	50000	370 UJ	360 UJ
Fluorene	100000	370 UJ	360 UJ
4-Chlorophenyl phenyl ether	--	370 UJ	360 UJ
4-Nitroaniline	--	940 UJ	900 UJ
4,6-Dinitro-2-methylphenol	--	940 UJ	900 UJ
N-Nitrosodiphenylamine	1000	370 UJ	360 UJ
Hexachlorobenzene	300	370 UJ	360 UJ

301413

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-15
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW12 CDE-MW12-04 BZF78 09/05/2000 / 10:21 6	MW12 CDE-MW12-08 BZF79 09/05/2000 / 10:40 10
CONSTITUENT			
Atrazine	--	370 UJ	360 UJ
Pentachlorophenol	30	940 UJ	900 UJ
Phenanthrene	--	370 UJ	360 UJ
Anthracene	100000	370 UJ	360 UJ
Carbazole	600	370 UJ	360 UJ
Di-n-butyl phthalate	100000	370 UJ	360 UJ
Fluoranthene	100000	46 J	360 UJ
Pyrene	100000	45 J	360 UJ
Butyl benzyl phthalate	100000	370 UJ	360 UJ
3,3'-Dichlorobenzidine	7	370 UJ	360 UJ
Benzo(a)anthracene	600	370 UJ	360 UJ
Chrysene	9000	370 UJ	360 UJ
bis(2-Ethylhexyl) phthalate	35000	69 J	200 J
Di-n-octyl phthalate	100000	370 UJ	360 UJ
Benzo(b)fluoranthene	600	48 J	360 UJ
Benzo(k)fluoranthene	900	370 UJ	360 UJ
Benzo(a)pyrene	60	370 UJ	360 UJ
Indeno(1,2,3-cd)pyrene	600	370 UJ	360 UJ
Dibenzo(a,h)anthracene	60	370 UJ	360 UJ
Benzo(g,h,i)perylene	--	370 UJ	360 UJ
4-Bromophenyl-phenylether	--	370 UJ	360 UJ
Total SVOC TICs		84200 NJ	20040 NJ

301414

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-16
PESTICIDES AND PCBs DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW01 CDE-MW01-02 BZE32 08/02/2000 / 11:25 4	MW01 CDE-MW01-04 BZE33 08/02/2000 / 11:40 6	MW02 CDE-MW02-02 ZE35 08/02/2000 / 15:20 4	MW02 CDE-MW02-03 BZE36 Duplicate of CDE-MW02-02
CONSTITUENT					
alpha-BHC	0.5	1.9 U	1.8 U	2 U	4.9 NJ
delta-BHC	--	1.9 U	1.8 U	2 U	2 U
gamma-BHC (Lindane)	9	1.9 U	1.8 U	2 U	2 U
beta-BHC	3	1.9 U	1.8 U	R	13 J
Heptachlor	100	1.9 U	1.8 U	2 U	2 U
Aldrin	40	1.9 U	1.8 U	2 U	2 U
Heptachlor epoxide	70	1.9 U	1.8 U	2 U	2 U
Endosulfan I	18000	1.9 U	1.8 U	2 U	2 U
Dieldrin	4	3.6 U	3.5 U	3.8 U	12
4,4'-DDE	2000	3.6 U	3.5 U	3.8 U	R
Endrin	1000	3.6 U	3.5 U	3.8 U	3.8 U
Endosulfan II	18000	3.6 U	3.5 U	3.8 U	3.8 U
4,4'-DDD	3000	3.6 U	3.5 U	3.8 U	3.8 U
Endosulfan sulfate	--	3.6 U	3.5 U	2.7 J	18
4,4'-DDT	2000	3.6 U	3.5 U	3.8 U	3.8 U
Methoxychlor	50000	18 U	18 U	20 U	20 U
Endrin ketone	--	3.6 U	3.5 U	3.8 U	3.8 U
Endrin aldehyde	--	3.6 U	3.5 U	3.8 U	3.8 U
alpha-Chlordane	2000	1.9 U	1.8 U	2 U	2 U
gamma-Chlordane	2000	1.9 U	1.8 U	2 U	2 U
Toxaphene	100	180 U	180 U	200 U	200 U

301415

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-16
PESTICIDES AND PCBs DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW01 CDE-MW01-02 BZE32 08/02/2000 / 11:25 4	MW01 CDE-MW01-04 BZE33 08/02/2000 / 11:40 6	MW02 CDE-MW02-02 ZE35 08/02/2000 / 15:20 4	MW02 CDE-MW02-03 BZE36 Duplicate of CDE-MW02-02
CONSTITUENT					
Aroclor 1016	490	36 U	35 U	38 U	38 U
Aroclor 1221	490	73 U	71 U	77 U	77 U
Aroclor 1232	490	36 U	35 U	38 U	38 U
Aroclor 1242	490	36 U	35 U	38 U	38 U
Aroclor 1248	490	36 U	35 U	38 U	38 U
Aroclor 1254	490	23 J	35 U	130	850
Aroclor 1260	490	36 U	35 U	38 U	38 U
Total PCBs PPM		0.023	U	0.13	0.85

301416

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-16
PESTICIDES AND PCBs DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW02 CDE-MW02-04 BZE37 08/02/2000 / 15:30 6	MW02A CDE-MW02A-04 BZE68 08/14/2000 / 10:15 6	MW02A CDE-MW02A-06 BZE69 08/14/2000 / 10:45 8	MW02A CDE-MW02A-08 BZE70 08/14/2000 / 10:55 10
CONSTITUENT					
alpha-BHC	0.5	2 U	1.9 U	1.8 U	1.8 U
delta-BHC	--	2 U	1.9 U	1.8 U	1.8 U
gamma-BHC (Lindane)	9	2 U	1.9 U	1.8 U	1.8 U
beta-BHC	3	2 U	1.9 U	1.8 U	1.8 U
Heptachlor	100	2 U	1.9 U	1.8 U	1.8 U
Aldrin	40	2 U	5.9 J	4.4 J	1.8 U
Heptachlor epoxide	70	2 U	7.4 NJ	5.4 NJ	1.8 U
Endosulfan I	18000	2 U	1.9 U	1.8 U	1.8 U
Dieldrin	4	3.8 U	17	6.3	3.6 U
4,4'-DDE	2000	3.8 U	4.4 NJ	3.6 U	3.6 U
Endrin	1000	3.8 U	3.6 U	3.6 U	3.6 U
Endosulfan II	18000	3.8 U	3.6 U	3.6 U	3.6 U
4,4'-DDD	3000	3.8 U	3.6 U	3.6 U	3.6 U
Endosulfan sulfate	--	3.8 U	3.6 U	3.6 U	3.6 U
4,4'-DDT	2000	3.8 U	3.6 U	3.6 U	3.6 U
Methoxychlor	50000	20 U	19 U	18 U	18 U
Endrin ketone	--	3.8 U	3.6 U	3.6 U	3.6 U
Endrin aldehyde	--	3.8 U	3.6 U	3.6 U	3.6 U
alpha-Chlordane	2000	2 U	1.9 U	1.8 U	1.8 U
gamma-Chlordane	2000	2 U	1.9 U	1.8 U	1.8 U
Toxaphene	100	200 U	190 U	180 U	180 U

301417

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-16
PESTICIDES AND PCBs DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW02 CDE-MW02-04 BZE37 08/02/2000 / 15:30 6	MW02A CDE-MW02A-04 BZE68 08/14/2000 / 10:15 6	MW02A CDE-MW02A-06 BZE69 08/14/2000 / 10:45 8	MW02A CDE-MW02A-08 BZE70 08/14/2000 / 10:55 10
CONSTITUENT					
Aroclor 1016	490	38 U	36 U	36 U	36 U
Aroclor 1221	490	77 U	73 U	72 U	73 U
Aroclor 1232	490	38 U	36 U	36 U	36 U
Aroclor 1242	490	38 U	36 U	36 U	36 U
Aroclor 1248	490	38 U	210 J	180 J	28 J
Aroclor 1254	490	59	230	73	27 J
Aroclor 1260	490	38 U	36 U	36 U	36 U
Total PCBs PPM		0.059	0.44	0.253	0.055

301418

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-16
PESTICIDES AND PCBs DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW03 CDE-MW03-02 BZE43 08/03/2000 / 15:00 4	MW03 CDE-MW03-04 BZE44 08/03/2000 / 15:10 6	MW03 CDE-MW03-06 BZE45 08/03/2000 / 15:25 8	MW04 CDE-MW04-04 BZE91 08/15/2000 / 13:36 6
CONSTITUENT					
alpha-BHC	0.5	1.9 U	2 U	1.9 U	1.9 UJ
delta-BHC	--	1.9 U	2 U	1.9 U	1.9 UJ
gamma-BHC (Lindane)	9	1.9 U	2 U	1.9 U	1.9 UJ
beta-BHC	3	1.9 U	2 U	1.9 U	1.9 UJ
Heptachlor	100	1.9 U	2 U	1.9 U	2.1 NJ
Aldrin	40	1.9 U	2 U	1.9 U	1.9 UJ
Heptachlor epoxide	70	1.9 U	2 U	1.9 U	21 JD
Endosulfan I	18000	1.9 U	2 U	1.9 U	1.9 UJ
Dieldrin	4	3.4 J	3.8 U	3.6 U	3.7 UJ
4,4'-DDE	2000	3.8 U	3.8 U	3.6 U	14 NJ
Endrin	1000	3.8 U	3.8 U	3.6 U	3.7 UJ
Endosulfan II	18000	3.8 U	3.8 U	3.6 U	3.7 UJ
4,4'-DDD	3000	3.8 U	3.8 U	3.6 U	3.7 UJ
Endosulfan sulfate	--	3.8 U	3.8 U	3.6 U	3.7 UJ
4,4'-DDT	2000	3.8 U	3.8 U	3.6 U	3.7 UJ
Methoxychlor	50000	19 U	20 U	18 U	19 UJ
Endrin ketone	--	3.8 U	3.8 U	3.6 U	11 J
Endrin aldehyde	--	3.8 U	3.8 U	3.6 U	R
alpha-Chlordane	2000	1.9 U	2 U	1.9 U	4.6 NJ
gamma-Chlordane	2000	1.9 U	2 U	1.9 U	1.9 UJ
Toxaphene	100	190 U	200 U	180 U	190 UJ

301419

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-16
PESTICIDES AND PCBs DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW03 CDE-MW03-02 BZE43 08/03/2000 / 15:00 4	MW03 CDE-MW03-04 BZE44 08/03/2000 / 15:10 6	MW03 CDE-MW03-06 BZE45 08/03/2000 / 15:25 8	MW04 CDE-MW04-04 BZE91 08/15/2000 / 13:36 6
CONSTITUENT					
Aroclor 1016	490	38 U	38 U	36 U	37 UJ
Aroclor 1221	490	76 U	77 U	73 U	75 UJ
Aroclor 1232	490	38 U	38 U	36 U	37 UJ
Aroclor 1242	490	38 U	38 U	36 U	37 UJ
Aroclor 1248	490	38 U	38 U	36 U	130 J
Aroclor 1254	490	260	100	34 J	1500 JD
Aroclor 1260	490	38 U	38 U	36 U	37 UJ
Total PCBs PPM		0.26	0.1	0.034	1.63

301420

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-16
PESTICIDES AND PCBs DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW04 CDE-MW04-12 BZE92 08/15/2000 / 16:00 14	MW05 CDE-MW05-06 BZF08 08/18/2000 / 10:05 8	MW05 CDE-MW05-10 BZF09 08/18/2000 / 10:20 12	MW06 CDE-MW06-02 BZE51 08/08/2000 / 09:05 4
CONSTITUENT					
alpha-BHC	0.5	2.1 UJ	200 U	19 U	2100 U
delta-BHC	--	2.1 UJ	200 U	19 U	2100 U
gamma-BHC (Lindane)	9	2.1 UJ	200 U	19 U	2100 U
beta-BHC	3	2.1 UJ	200 U	19 U	R
Heptachlor	100	2.1 U	200 U	19 U	2100 U
Aldrin	40	6.4 NJ	4100 NJD	800 NJD	53000 DNJ
Heptachlor epoxide	70	6.3 J	3400 NJD	650 NJD	2100 U
Endosulfan I	18000	2.1 UJ	200 U	19 U	2100 U
Dieldrin	4	18 J	18000 D	38 U	4000 U
4,4'-DDE	2000	4 UJ	4500 NJ	2000 JD	4000 U
Endrin	1000	4 UJ	1200 J	240 J	4000 U
Endosulfan II	18000	4 UJ	390 U	38 U	4000 U
4,4'-DDD	3000	4 UJ	390 U	38 U	4000 U
Endosulfan sulfate	--	4 UJ	1400 NJ	260 NJ	4000 U
4,4'-DDT	2000	4 UJ	390 U	38 U	4000 U
Methoxychlor	50000	21 UJ	2000 U	190 U	21000 U
Endrin ketone	--	4 UJ	390 U	38 U	4000 U
Endrin aldehyde	--	4 UJ	390 U	R	4000 U
alpha-Chlordane	2000	2.1 UJ	R	59 NJ	2100 U
gamma-Chlordane	2000	2.1 UJ	200 U	19 U	R
Toxaphene	100	210 UJ	20000 U	1900 U	210000 U

301421

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-16
PESTICIDES AND PCBs DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW04 CDE-MW04-12 BZE92 08/15/2000 / 16:00 14	MW05 CDE-MW05-06 BZF08 08/18/2000 / 10:05 8	MW05 CDE-MW05-10 BZF09 08/18/2000 / 10:20 12	MW06 CDE-MW06-02 BZE51 08/08/2000 / 09:05 4
CONSTITUENT					
Aroclor 1016	490	40 UJ	3900 U	380 U	40000 U
Aroclor 1221	490	82 UJ	7900 U	770 U	81000 U
Aroclor 1232	490	40 UJ	3900 U	380 U	40000 U
Aroclor 1242	490	40 UJ	3900 U	380 U	1900000
Aroclor 1248	490	98 J	38000 J	5800	40000 U
Aroclor 1254	490	210 J	220000 D	48000 D	40000 U
Aroclor 1260	490	40 UJ	3900 U	380 U	40000 U
Total PCBs PPM		0.308	258	53.8	1900

301422

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-16
PESTICIDES AND PCBs DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW06 CDE-MW06-04 BZE52 08/08/2000 / 09:10 6	MW06 CDE-MW06-06 BZE53 08/08/2000 / 09:15 8	MW07 CDE-MW07-02 BZE28 08/01/2000 / 09:20 4	MW07 CDE-MW07-04 BZE29 08/01/2000 / 09:40 6
CONSTITUENT					
alpha-BHC	0.5	2 U	19 U	1.9 U	4.8 NJ
delta-BHC	--	R	19 U	1.9 U	1.9 UJ
gamma-BHC (Lindane)	9	2 U	19 U	1.9 U	1.9 UJ
beta-BHC	3	R	R	2.4 J	R
Heptachlor	100	2 U	19 U	1.9 U	7.3 NJ
Aldrin	40	83 DNJ	2700 DNJ	2.9	1.9 UJ
Heptachlor epoxide	70	2 U	19 U	1.9 U	1.9 UJ
Endosulfan I	18000	2 U	19 U	1.9 U	R
Dieldrin	4	3.8 U	37 U	3.7 U	37 J
4,4'-DDE	2000	3.8 U	37 U	11 J	39 NJ
Endrin	1000	R	R	3.7 U	3.6 UJ
Endosulfan II	18000	3.8 U	R	3.7 U	3.6 UJ
4,4'-DDD	3000	3.8 U	48 NJ	3.7 U	3.6 UJ
Endosulfan sulfate	--	3.8 U	37 U	8.9 J	35 J
4,4'-DDT	2000	3.8 U	37 U	3.7 U	3.6 UJ
Methoxychlor	50000	20 U	190 U	34 J	18 UJ
Endrin ketone	--	3.8 U	37 U	3.7 U	3.6 UJ
Endrin aldehyde	--	4.2 NJ	120 NJ	11 J	28 NJ
alpha-Chlordane	2000	2 U	19 U	1.9 U	1.9 UJ
gamma-Chlordane	2000	R	R	1.9 U	1.9 UJ
Toxaphene	100	200 U	1900 U	190 U	180 UJ

301423

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-16
PESTICIDES AND PCBs DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW06 CDE-MW06-04 BZE52 08/08/2000 / 09:10 6	MW06 CDE-MW06-06 BZE53 08/08/2000 / 09:15 8	MW07 CDE-MW07-02 BZE28 08/01/2000 / 09:20 4	MW07 CDE-MW07-04 BZE29 08/01/2000 / 09:40 6
CONSTITUENT					
Aroclor 1016	490	38 U	370 U	37 U	36 UJ
Aroclor 1221	490	78 U	750 U	75 U	73 UJ
Aroclor 1232	490	38 U	370 U	37 U	36 UJ
Aroclor 1242	490	3300	110000 D	37 U	36 UJ
Aroclor 1248	490	38 U	370 U	37 U	36 UJ
Aroclor 1254	490	38 U	370 U	470	2800 JD
Aroclor 1260	490	38 U	370 U	37 U	36 UJ
Total PCBs PPM		3.3	110	0.47	2.8

301424

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-16
PESTICIDES AND PCBs DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW08 CDE-MW08-02 BZE17 07/18/2000 / 11:22 4	MW08 CDE-MW08-04 BZE18 07/18/2000 / 11:30 6	MW08 CDE-MW08-06 BZE19 07/18/2000 / 11:45 8	MW09 CDE-MW09-04 BZG13 09/18/2000 / 09:40 6
CONSTITUENT					
alpha-BHC	0.5	2 U	1.9 U	3.6	110000 U
delta-BHC	--	2 U	1.9 U	2.1 U	110000 U
gamma-BHC (Lindane)	9	2 U	1.9 U	2.1 U	110000 U
beta-BHC	3	2 U	1.9 U	2.1 U	110000 U
Heptachlor	100	2 U	1.9 U	2.1 U	110000 U
Aldrin	40	2 U	1.9 U	2.1 U	110000 U
Heptachlor epoxide	70	2 U	1.9 U	R	1200000 NJ
Endosulfan I	18000	2 U	1.9 U	R	110000 U
Dieldrin	4	3.8 U	2.4 J	4 U	11000000 DNJ
4,4'-DDE	2000	3.8 U	3.7 U	140 NJD	9700000 DJ
Endrin	1000	3.8 U	3.7 U	4 U	210000 U
Endosulfan II	18000	3.8 U	3.7 U	4 U	210000 U
4,4'-DDD	3000	3.8 U	3.7 U	4 U	210000 U
Endosulfan sulfate	--	0.14 J	3.5 J	190 D	210000 U
4,4'-DDT	2000	3.8 U	3.7 U	4 U	25000000 D
Methoxychlor	50000	20 U	19 U	R	1100000 U
Endrin ketone	--	3.8 U	3.7 U	4 U	210000 U
Endrin aldehyde	--	3.8 U	3.7 U	4 U	1700000 NJ
alpha-Chlordane	2000	2 U	1.9 U	2.1 U	110000 U
gamma-Chlordane	2000	2 U	1.9 U	2.1 U	8200000 DJ
Toxaphene	100	200 U	190 U	200 U	11000000 U

301425

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-16
PESTICIDES AND PCBs DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW08 CDE-MW08-02 BZE17 07/18/2000 / 11:22 4	MW08 CDE-MW08-04 BZE18 07/18/2000 / 11:30 6	MW08 CDE-MW08-06 BZE19 07/18/2000 / 11:45 8	MW09 CDE-MW09-04 BZG13 09/18/2000 / 09:40 6
CONSTITUENT					
Aroclor 1016	490	38 U	37 U	40 U	2100000 U
Aroclor 1221	490	77 U	74 U	81 U	4300000 U
Aroclor 1232	490	38 U	37 U	40 U	2100000 U
Aroclor 1242	490	38 U	37 U	40 U	2100000 U
Aroclor 1248	490	38 U	37 U	40 U	2100000 U
Aroclor 1254	490	38 U	100 J	5900	130000000 J
Aroclor 1260	490	38 U	37 U	40 U	2100000 U
Total PCBs PPM		U	0.1	5.9	130000

301426

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-16
PESTICIDES AND PCBs DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW09 CDE-MW09-08 BZG14 09/18/2000 / 10:00 10	MW09 CDE-MW09-09 BZG15 Duplicate of CDE-MW09-08	MW09 CDE-MW09-12 BZG16 09/18/2000 / 11:20 14	MW10 CDE-MW10-02 BZE24 07/20/2000 / 11:50 4
CONSTITUENT					
alpha-BHC	0.5	12	7.3	2	1.9 U
delta-BHC	--	3.9 U	2 U	1.8 U	1.9 U
gamma-BHC (Lindane)	9	3.9 U	2 U	1.8 U	1.9 U
beta-BHC	3	3.9 U	2 U	1.8 U	1.9 U
Heptachlor	100	8.5 UJ	6.3 J	2.3 NJ	1.9 U
Aldrin	40	3.9 U	2 U	1.8 U	1.9 U
Heptachlor epoxide	70	3.9 U	19 NJ	17 NJ	1.9 U
Endosulfan I	18000	3.9 U	2 U	1.8 U	1.9 U
Dieldrin	4	340 DNJ	180 DNJ	170 DNJ	0.32 J
4,4'-DDE	2000	280 DJ	150 DJ	150 D	3.7 U
Endrin	1000	7.5 U	3.8 U	3.5 U	3.7 U
Endosulfan II	18000	7.5 U	3.8 U	3.5 U	3.7 U
4,4'-DDD	3000	7.5 U	3.8 U	3.5 U	3.7 U
Endosulfan sulfate	--	7.5 U	3.8 U	3.5 U	3.7 U
4,4'-DDT	2000	760 D	400 D	380 D	3.7 U
Methoxychlor	50000	39 UJ	20 UJ	R	1.3 J
Endrin ketone	--	7.5 U	3.8 U	3.5 U	3.7 U
Endrin aldehyde	--	55 NJ	31 NJ	29 NJ	3.7 U
alpha-Chlordane	2000	3.9 U	2 U	1.8 U	1.9 U
gamma-Chlordane	2000	230 DJ	120 DJ	110 DNJ	1.9 U
Toxaphene	100	390 U	200 U	180 U	190 U

301427

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-16
PESTICIDES AND PCBs DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW09 CDE-MW09-08 BZG14 09/18/2000 / 10:00 10	MW09 CDE-MW09-09 BZG15 Duplicate of CDE-MW09-08	MW09 CDE-MW09-12 BZG16 09/18/2000 / 11:20 14	MW10 CDE-MW10-02 BZE24 07/20/2000 / 11:50 4
CONSTITUENT					
Aroclor 1016	490	75 U	38 U	35 U	37 U
Aroclor 1221	490	150 U	77 U	71 U	74 U
Aroclor 1232	490	75 U	38 U	35 U	37 U
Aroclor 1242	490	75 U	38 U	35 U	37 U
Aroclor 1248	490	75 U	38 U	35 U	37 U
Aroclor 1254	490	4100 J	2200 J	2000 J	17 J
Aroclor 1260	490	75 U	38 U	35 U	37 U
Total PCBs PPM		4.1	2.2	2	0.017

301428

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-16
PESTICIDES AND PCBs DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW10 CDE-MW10-04 BZE25 07/20/2000 / 12:00 6	MW11 CDE-MW11-04 BZF27 08/22/2000 / 09:33 6	MW11 CDE-MW11-06 BZF28 08/22/2000 / 09:44 8	MW11 CDE-MW11-12 BZF29 08/22/2000 / 10:46 14
CONSTITUENT					
alpha-BHC	0.5	1.8 U	3000	1800 J	580
delta-BHC	--	1.8 U	1100 U	430 U	200 U
gamma-BHC (Lindane)	9	1.8 U	1100 U	430 U	200 U
beta-BHC	3	1.8 U	R	R	200 U
Heptachlor	100	1.8 U	1100 U	430 U	200 U
Aldrin	40	1.8 U	1100 U	430 U	200 U
Heptachlor epoxide	70	1.8 U	R	R	200 U
Endosulfan I	18000	1.8 U	R	R	200 U
Dieldrin	4	3.5 U	93000 J	38000 J	1700
4,4'-DDE	2000	0.44 J	79000 NJ	83000 NJD	R
Endrin	1000	3.5 U	2100 U	830 U	380 U
Endosulfan II	18000	3.5 U	2100 U	830 U	380 U
4,4'-DDD	3000	3.5 U	2100 U	830 U	380 U
Endosulfan sulfate	--	0.54 J	62000 JD	76000 JD	1800 J
4,4'-DDT	2000	3.5 U	2100 U	830 U	380 U
Methoxychlor	50000	18 U	11000 U	4300 U	2000 U
Endrin ketone	--	3.5 U	2100 U	830 U	380 U
Endrin aldehyde	--	0.29 J	2100 U	830 U	380 U
alpha-Chlordane	2000	1.8 U	1100 U	430 U	200 U
gamma-Chlordane	2000	1.8 U	1100 U	430 U	200 U
Toxaphene	100	180 U	110000 U	43000 U	20000 U

301429

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-16
PESTICIDES AND PCBs DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW10 CDE-MW10-04 BZE25 07/20/2000 / 12:00 6	MW11 CDE-MW11-04 BZF27 08/22/2000 / 09:33 6	MW11 CDE-MW11-06 BZF28 08/22/2000 / 09:44 8	MW11 CDE-MW11-12 BZF29 08/22/2000 / 10:46 14
CONSTITUENT					
Aroclor 1016	490	35 U	21000 U	8300 U	3800 U
Aroclor 1221	490	71 U	43000 U	17000 U	7800 U
Aroclor 1232	490	35 U	21000 U	8300 U	3800 U
Aroclor 1242	490	35 U	3400000 D	5600000 D	100000 D
Aroclor 1248	490	35 U	21000 U	8300 U	3800 U
Aroclor 1254	490	24 J	3900000 D	5000000 D	210000 D
Aroclor 1260	490	35 U	21000 U	8300 U	3800 U
Total PCBs PPM		0.024	7300	10600	310

301430

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-16
PESTICIDES AND PCBs DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW12 CDE-MW12-04 BZF78 09/05/2000 / 10:21 6	MW12 CDE-MW12-08 BZF79 09/05/2000 / 10:40 10
CONSTITUENT			
alpha-BHC	0.5	190 UJ	18 UJ
delta-BHC	--	190 UJ	18 UJ
gamma-BHC (Lindane)	9	190 UJ	18 UJ
beta-BHC	3	R	R
Heptachlor	100	190 UJ	18 UJ
Aldrin	40	7000 JD	1700 JD
Heptachlor epoxide	70	190 UJ	18 UJ
Endosulfan I	18000	190 UJ	18 UJ
Dieldrin	4	370 UJ	36 UJ
4,4'-DDE	2000	370 UJ	36 UJ
Endrin	1000	370 UJ	36 UJ
Endosulfan II	18000	R	R
4,4'-DDD	3000	370 UJ	36 UJ
Endosulfan sulfate	--	370 UJ	36 UJ
4,4'-DDT	2000	370 UJ	36 UJ
Methoxychlor	50000	1900 UJ	180 UJ
Endrin ketone	--	370 UJ	36 UJ
Endrin aldehyde	--	700 NJ	150 NJ
alpha-Chlordane	2000	190 UJ	18 UJ
gamma-Chlordane	2000	R	R
Toxaphene	100	19000 UJ	1800 UJ

301431

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-16
PESTICIDES AND PCBs DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW12 CDE-MW12-04 BZF78 09/05/2000 / 10:21 6	MW12 CDE-MW12-08 BZF79 09/05/2000 / 10:40 10
CONSTITUENT			
Aroclor 1016	490	3700 UJ	360 UJ
Aroclor 1221	490	7600 UJ	730 UJ
Aroclor 1232	490	3700 UJ	360 UJ
Aroclor 1242	490	3700 UJ	360 UJ
Aroclor 1248	490	3700 UJ	360 UJ
Aroclor 1254	490	160000 J	44000 JD
Aroclor 1260	490	3700 UJ	360 UJ
Total PCBs PPM		160	44

301432

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-17
PCB CONGENERS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID DATE / TIME DEPTH (ft)	MW04 CDE-MW04-04 08/15/2000 / 00:00 6	MW09 CDE-MW09-08 09/18/2000 / 00:00 10	MW09 CDE-MW09-09 Duplicate of CDE-MW09-08	MW11 CDE-MW11-04 08/22/2000 / 00:00 6
CONSTITUENT				
BZ 1	1.3 UJ	28 UJ	8.4 UJ	51000 UJ
BZ 101/90	45 JN	1100 JN	370 JN	1400000 JN
BZ 105	26 JN	470 JN	170 JN	1000000 JN
BZ 107	5.6 JN	110 JN	40 JN	150000 JN
BZ 110/77	77 JN	1800 JN	610 JN	2200000 JN
BZ 114	1.4 JN	30 JN	10 JN	39000 JN
BZ 118	54 JN	1000 N	370 JN	1300000 N
BZ 119	1.3 JN	28 JN	9.2 JN	35000 JN
BZ 128	16 JN	320 N	120 N	330000 N
BZ 132/168	18 JN	370 JN	130 JN	420000 JN
BZ 135/144	5.4 JN	110 JN	37 JN	160000 JN
BZ 136	5.1 JN	140 JN	45 JN	170000 JN
BZ 137	4.3 JN	87 JN	37 JN	110000 JN
BZ 138/163	57 JN	1100 JN	410 JN	1300000 JN
BZ 141	8.2 JN	170 JN	69 JN	220000 JN
BZ 146	6.3 JN	130 N	46 N	160000 N
BZ 149/123	25 JN	550 JN	200 JN	700000 JN
BZ 151	2.3 UJ	49 UJ	15 UJ	89000 UJ
BZ 153/184	34 JN	670 JN	250 JN	840000 JN
BZ 156/171	17 JN	290 JN	120 JN	330000 JN
BZ 157	2.6 JN	32 JN	14 JN	40000 JN
BZ 158	6.8 JN	160 JN	59 JN	170000 JN
BZ 16/32	5 JN	37 UJ	11 UJ	1300000 JN
BZ 167	1.1 UJ	24 UJ	7.2 UJ	44000 UJ

301433

Notes:
All results are in ug/Kg.

TABLE G-17
PCB CONGENERS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID DATE / TIME DEPTH (ft)	MW04 CDE-MW04-04 08/15/2000 / 00:00 6	MW09 CDE-MW09-08 09/18/2000 / 00:00 10	MW09 CDE-MW09-09 Duplicate of CDE-MW09-08	MW11 CDE-MW11-04 08/22/2000 / 00:00 6
CONSTITUENT				
BZ 169	0.84 UJ	18 UJ	5.3 UJ	33000 UJ
BZ 17	3.2 JN	18 UJ	5.2 UJ	960000 JN
BZ 170	5.4 JN	140 JN	47 JN	150000 JN
BZ 172	1.5 JN	31 JN	12 JN	43000 JN
BZ 174	3.8 JN	77 JN	29 JN	110000 JN
BZ 176	5.8 JN	110 JN	51 JN	150000 UJ
BZ 177	2.6 JN	49 JN	18 JN	70000 JN
BZ 178/126	1.5 UJ	140 JN	53 JN	57000 UJ
BZ 18	5.2 JN	19	5.7	1900000 JN
BZ 180	7.2 JN	130 N	52 N	200000 N
BZ 183	2.7 JN	49 JN	19 JN	86000 JN
BZ 185	1.1 UJ	23 UJ	6.9 UJ	42000 UJ
BZ 187/182	3.3 JN	62 JN	24 JN	100000 JN
BZ 189	0.75 UJ	16 UJ	4.8 UJ	29000 UJ
BZ 19	3.3 JN	14 UJ	39 JN	290000 JN
BZ 190	0.95 JN	20 UJ	5.9 UJ	36000 UJ
BZ 194	0.9 UJ	20 N	6.6 N	35000
BZ 195	1.1 UJ	24 UJ	7.1 UJ	43000 UJ
BZ 197	1.2 UJ	26 UJ	7.6 UJ	46000 UJ
BZ 199	1.1 UJ	24 UJ	7.1 UJ	43000 UJ
BZ 201	0.83 UJ	19 JN	6 JN	36000 JN
BZ 202	1.2 UJ	25 UJ	7.3 UJ	45000 UJ
BZ 203/196	1.6 UJ	35 UJ	10 UJ	63000 UJ
BZ 206	0.77 UJ	16	4.9	30000

301434

Notes:
All results are in ug/Kg.

TABLE G-17
PCB CONGENERS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID DATE / TIME DEPTH (ft)	MW04 CDE-MW04-04 08/15/2000 / 00:00 6	MW09 CDE-MW09-08 09/18/2000 / 00:00 10	MW09 CDE-MW09-09 Duplicate of CDE-MW09-08	MW11 CDE-MW11-04 08/22/2000 / 00:00 6
CONSTITUENT				
BZ 208	0.82 UJ	18 UJ	5.2 UJ	32000 UJ
BZ 209	0.9 UJ	19	5.7	35000
BZ 22	4.4 JN	26 UJ	14 JN	750000 JN
BZ 24	0.96 UJ	21 UJ	6.1 UJ	37000 UJ
BZ 25	0.97 JN	13 UJ	3.8 UJ	200000 JN
BZ 26	1.7 JN	15 UJ	4.4 UJ	370000 JN
BZ 27	2 UJ	43 UJ	13 UJ	250000 JN
BZ 28	10 JN	16 UJ	4.9 UJ	1600000 JN
BZ 29	0.84 UJ	18 UJ	5.4 UJ	33000 UJ
BZ 31	8.5 JN	18 UJ	5.3 UJ	1500000 JN
BZ 33	6.2 JN	20 UJ	5.8 UJ	35000 UJ
BZ 37/42	6.5 JN	39 JN	12 JN	690000 JN
BZ 4	2.2 JN	23 UJ	6.8 UJ	660000 JN
BZ 40	2.2 JN	29 JN	9.2 JN	220000 JN
BZ 44	12 N	310 N	98 N	1000000 JN
BZ 45	1.6 JN	19 UJ	5.7 UJ	270000 JN
BZ 46	1.1 UJ	23 UJ	6.9 UJ	120000 JN
BZ 47	2.8 JN	70 JN	26 JN	270000 JN
BZ 48	2.8 JN	34 UJ	10 UJ	320000 JN
BZ 49	8.5 JN	190 JN	57 JN	790000 JN
BZ 5	1.1 UJ	24 UJ	7.2 UJ	44000 UJ
BZ 52	20 JN	660 N	200 N	1500000 JN
BZ 53	1.4 UJ	31 UJ	9.2 UJ	1600000 JN
BZ 56	6.7 JN	54 UJ	16 UJ	97000 UJ

301435

Notes:
All results are in ug/Kg.

TABLE G-17
PCB CONGENERS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID DATE / TIME DEPTH (ft)	MW04 CDE-MW04-04 08/15/2000 / 00:00 6	MW09 CDE-MW09-08 09/18/2000 / 00:00 10	MW09 CDE-MW09-09 Duplicate of CDE-MW09-08	MW11 CDE-MW11-04 08/22/2000 / 00:00 6
CONSTITUENT				
BZ 59	1 JN	17 UJ	5.2 UJ	100000 JN
BZ 6	0.99 UJ	21 UJ	6.3 UJ	220000 JN
BZ 60/92	11 JN	230 JN	79 JN	900000 JN
BZ 63	1.1 UJ	24 UJ	7.2 UJ	44000 UJ
BZ 64/41	6.9 JN	110 JN	49 JN	610000 JN
BZ 66/95	40 JN	890 JN	290 JN	1900000 JN
BZ 7	1.1 UJ	24 UJ	7.2 UJ	56000 JN
BZ 70	25 JN	370 JN	120 JN	1300000 JN
BZ 71	3.2 JN	26 JN	4 UJ	280000 JN
BZ 74	8.2 JN	110 JN	38 JN	490000 JN
BZ 76	1.3 JN	43 JN	14 JN	34000 UJ
BZ 8	3.4 JN	17 UJ	5 UJ	780000 JN
BZ 82	7.6 JN	250 JN	85 JN	320000 JN
BZ 84	11 JN	300 JN	97 JN	430000 JN
BZ 85	10 JN	220 JN	74 JN	290000 JN
BZ 87/81	36 JN	840 JN	290 JN	1000000 JN
BZ 91	5.7 JN	170 JN	57 JN	220000 JN
BZ 97	17 JN	440 JN	150 JN	460000 JN
BZ 99	20 JN	480 JN	160 JN	640000 JN
PCB Congeners	770 JN	15000 JN	5400 JN	39000000 JN

301436

Notes:
All results are in ug/Kg.

TABLE G-18
INORGANICS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW01 CDE-MW01-02 MBTL64 08/02/2000 / 11:25 4	MW01 CDE-MW01-04 MBTL65 08/02/2000 / 11:40 6	MW02 CDE-MW02-02 MBTL67 08/02/2000 / 15:20 4	MW02 CDE-MW02-03 MBTL68 Duplicate of CDE-MW02-02	MW02 CDE-MW02-04 MBTL69 08/02/2000 / 15:30 6
CONSTITUENT						
Aluminum	--	11500	11000	15100	14400	14200
Antimony	5	0.42 UJ	0.37 UJ	0.41 UJ	0.45 UJ	0.44 UJ
Arsenic	0.4	0.95 BJ	2.5 J	0.73 UJ	1.3 BJ	0.78 UJ
Barium	700	118	114	82.9	98.1	81.2
Beryllium	2	0.67 B	0.92 B	0.63 B	0.58 B	0.72 B
Cadmium	8	0.51 B	0.54 B	0.38 B	0.33 B	0.38 B
Calcium	--	20400	29800	1820	1220	1420
Chromium	38	35.8	21.4	17.6	15.5	18.9
Cobalt	--	13.9	13.5	16.4	10.7 B	13.8
Copper	600	16.3	8.6	9.3	9.6	9.8
Cyanide	40	0.26 B	0.075 B	0.11 B	0.085 B	0.079 B
Iron	--	22200	21200	17700	16500	18700
Lead	400	10	10.6	12.4	11.2	13.1
Magnesium	--	6920 J	7980 J	5630 J	3400 J	6010 J
Manganese	--	425	678	654	767	499
Mercury	2	0.04 U	0.44 U	0.052 B	0.049 B	0.04 U
Nickel	130	38.7	32.4	28.6	18.5	31.4
Potassium	--	2220 J	3040 J	1750 J	904 B	2190 J
Selenium	5	1.1 U	0.97 U	1.1 U	1.2 U	1.2 U
Silver	34	0.13 U	0.12 U	0.13 U	0.14 U	0.14 U
Sodium	--	477 B	464 B	278 B	273 B	300 B
Thallium	0.7	7	6.1	6.7	6.4	7.5
Vanadium	370	26.1	37.5	20.7	25.8	22
Zinc	1500	71	79.5	64.4	42.5	68

301437

Notes:
All results are in mg/Kg.
Shading indicates exceedance of criteria.

TABLE G-18
INORGANICS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW02A CDE-MW02A-04 MBTL93 08/14/2000 / 10:15 6	MW02A CDE-MW02A-06 MBTL94 08/14/2000 / 10:45 8	MW02A CDE-MW02A-08 MBTL95 08/14/2000 / 10:55 10	MW03 CDE-MW03-02 MBTL72 08/03/2000 / 15:00 4	MW03 CDE-MW03-04 MBTL73 08/03/2000 / 15:10 6
CONSTITUENT						
Aluminum	--	16200	10300	8460	12100	11700
Antimony	5	1.1 U	1.1 U	1.1 B	0.39 UJ	0.42 UJ
Arsenic	0.4	3.2	3.1	2.9	1.1 BJ	1.4 BJ
Barium	700	105	92	106	81.3	90.9
Beryllium	2	1.4	1.1 B	0.9 B	0.94 B	0.94 B
Cadmium	8	0.9 U	0.09 U	0.9 U	0.59 B	0.47 B
Calcium	--	2110	2370	2590	1640	1010 B
Chromium	38	36.1	27.1	21.7	20.3	20
Cobalt	--	19.8	15	11.5	13.1	12.6
Copper	600	13.2	9.7	8.4	12.3	11.8
Cyanide	40	0.24 U	0.24 U	0.24 U	0.23 B	0.086 B
Iron	--	44300	30800	22900	19200	19500
Lead	400	31.6	20.3	13.4	23.7	23.6
Magnesium	--	10000	7220	6470	6250 J	6000 J
Manganese	--	601	541	300	616	684
Mercury	2	0.05 U	0.05 U	0.06 U	0.042 U	0.059 B
Nickel	130	45.4	34.5	26	50.2	36.6
Potassium	--	4630 J	2990 J	2700 J	2340 J	2180 J
Selenium	5	0.48 U	0.66 B	0.47 U	1 U	1.1 U
Silver	34	0.13 U	0.13 U	0.13 U	0.12 U	0.13 U
Sodium	--	237 B	342 B	508 B	330 B	312 B
Thallium	0.7	0.92 BJ	1.2 BJ	0.49 U	8.7	6.8
Vanadium	370	39.6	29.6	25.4	21.3	22
Zinc	1500	119	88.8	70.9	87.1	68.5

301438

Notes:
All results are in mg/Kg.
Shading indicates exceedance of criteria.

TABLE G-18
INORGANICS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW03 CDE-MW03-06 MBTL74 08/03/2000 / 15:25 8	MW04 CDE-MW04-04 MBTM13 08/15/2000 / 13:36 6	MW04 CDE-MW04-12 MBTM14 08/15/2000 / 16:00 14	MW05 CDE-MW05-06 MBTM31 08/18/2000 / 10:05 8	MW05 CDE-MW05-10 MBTM32 08/18/2000 / 10:20 12
CONSTITUENT						
Aluminum	--	11800	4770	8640	2180	8340
Antimony	5	0.39 UJ	1.1 U	1.2 U	1.1 U	1.1 U
Arsenic	0.4	0.88 BJ	21.6 J	3	12.5 J	2.4
Barium	700	97.2	72.9	72	123	117
Beryllium	2	1.4	0.3 B	0.54 B	0.3 B	0.65 B
Cadmium	8	0.41 B	0.09 U	0.1 U	0.57 B	0.81 B
Calcium	--	3240	1700 J	1570 J	1750 J	1310 J
Chromium	38	21.3	53.2 J	14.4 J	8.5 J	18.2
Cobalt	--	15.4	10.3 B	10.5 B	6.1 B	10.2 B
Copper	600	7.4	59.1 J	12.9 J	23.2 J	144
Cyanide	40	0.38 B	0.25 U	0.28 U	0.48 B	0.25 U
Iron	--	15800	56200	16600	20200	17300
Lead	400	12.3	142	24.6	61.2	62.4
Magnesium	--	9450 J	2670 J	3820 J	431 B	4400
Manganese	--	446	352	554	92.2	419
Mercury	2	0.052 U	0.48	R	R	R
Nickel	130	41	24.9	21.5	17.1	21.4
Potassium	--	3760 J	1010 B	1440 J	268 B	1440 J
Selenium	5	1 U	0.48 U	0.54 U	0.66 BJ	0.49 U
Silver	34	0.12 U	0.13 U	0.15 U	0.25 B	0.19 B
Sodium	--	489 B	176 B	146 B	72.1 U	68.4 U
Thallium	0.7	5.7	1.9 B	0.57 U	0.54 U	0.51 U
Vanadium	370	18.3	31.1	18.3	10.8 B	19
Zinc	1500	85.1	60.5	54.9	47	74.7

301439

Notes:
All results are in mg/Kg.
Shading indicates exceedance of criteria.

TABLE G-18
INORGANICS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW06 CDE-MW06-02 MBTL79 08/08/2000 / 09:05 4	MW06 CDE-MW06-04 MBTL80 08/08/2000 / 09:10 6	MW06 CDE-MW06-06 MBTL81 08/08/2000 / 09:15 8	MW07 CDE-MW07-02 MBTL60 08/01/2000 / 09:20 4	MW07 CDE-MW07-04 MBTL61 08/01/2000 / 09:40 6
CONSTITUENT						
Aluminum	--	9480 J	9600 J	9770 J	13500	12400
Antimony	5	1.6 UJ	1.5 UJ	1.5 UJ	0.42 UJ	1 BJ
Arsenic	0.4	5.1	2.3 B	1 B	0.75 UJ	2.6 J
Barium	700	118	54.3	117	83.1	102
Beryllium	2	0.19 U	0.19 U	0.27 B	0.5 B	1
Cadmium	8	0.56 U	0.54 U	0.53 U	0.23 B	0.53 B
Calcium	--	694 B	384 B	1450 J	904 B	1420
Chromium	38	14.9	15.9	19.2	14.9	17.6
Cobalt	--	8.5 B	6.3 B	23.5	9.7 B	14.7
Copper	600	11 J	21.4 J	5.9	6.2	7
Cyanide	40	0.16 B	0.15 U	0.14 U	0.098 B	0.09 B
Iron	--	19200 J	20700 J	20200 J	14100	17800
Lead	400	28.1 J	9.2 J	14.9 J	11.3	13.5
Magnesium	--	3140 J	2840 J	6970 J	4070 J	6110 J
Manganese	--	432 J	183 J	593 J	477	532
Mercury	2	0.06 U	0.06 U	0.06 U	0.044 U	0.049 U
Nickel	130	17 J	13.1 J	31 J	22.6	30
Potassium	--	1070 B	1010 B	2680 J	1100 J	2280 J
Selenium	5	1.3 J	0.94 BJ	0.69 BJ	1.1 UJ	1 U
Silver	34	0.76 U	0.73 U	0.71 U	0.13 U	0.13 U
Sodium	--	254 B	264 B	359 B	443 B	420 B
Thallium	0.7	0.49 U	0.82 B	0.82 B	5.6	6.3
Vanadium	370	20.6	24.9	22.7	17.2	24
Zinc	1500	50.2 J	33.2 J	100 J	46.9	69.9

301440

Notes:
All results are in mg/Kg.
Shading indicat[illegible]ceedance of criteria.

TABLE 3-18
INORGANICS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW08 CDE-MW08-02 MBTL49 07/18/2000 / 11:22 4	MW08 CDE-MW08-04 MBTL50 07/18/2000 / 11:30 6	MW08 CDE-MW08-06 MBTL51 07/18/2000 / 11:45 8	MW09 CDE-MW09-04 MBTN29 09/18/2000 / 09:40 6	MW09 CDE-MW09-08 MBTN30 09/18/2000 / 10:00 10
CONSTITUENT						
Aluminum	--	10200	13100	9510	31000	10900
Antimony	5	1.5 UJN	1.4 UJN	1.4 UJN	1.3 U	1.1 U
Arsenic	0.4	1.8 B	1.3 B	0.77 B	2.4 B	2.3
Barium	700	51.6	68.2	90.2	2960	57.5
Beryllium	2	0.18 U	0.18 U	0.29 B	0.66 B	0.75 B
Cadmium	8	0.53 U	0.52 U	0.51 U	6 J	0.23 UJ
Calcium	--	395 B	961 B	2170 J	2320	1450
Chromium	38	12.7	20.5	18.1	248	20.4
Cobalt	--	5.8 B	13.5	11.6	3.6 B	7.5 B
Copper	600	21.3	30	5.6	R	R
Cyanide	40	0.14 UJN	0.14 UJN	0.14 UJN	0.2 U	0.17 U
Iron	--	13300	19200	14300	17900	20900
Lead	400	R	11.7	9	254	11
Magnesium	--	2300	5660	5910	2120	5080
Manganese	--	224 JN	604 JN	670 JN	R	R
Mercury	2	0.06 U	0.05 U	0.05 U	3.4	0.1 B
Nickel	130	11.6	25.8	29.1	17.7	18.9
Potassium	--	702 B	2130 J	2130 J	556 B	1700
Selenium	5	0.82 B	0.99 B	0.86 B	0.8 U	0.68 U
Silver	34	0.71 U	0.7 U	0.68 U	3.4 J	1.3 B
Sodium	--	127 U	125 U	126 B	428 BJ	364 BJ
Thallium	0.7	0.46 U	0.45 U	0.44 U	1.6 U	1.4 U
Vanadium	370	20.8	22	15.9	17.7	24.9
Zinc	1500	61	77.5	69.6	1970 J	59.3 J

301441

Notes:
All results are in mg/Kg.
Shading indicates exceedance of criteria.

TABLE G-18
INORGANICS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW09 CDE-MW09-09 MBTN31 Duplicate of CDE-MW09-08	MW09 CDE-MW09-12 MBTN32 09/18/2000 / 11:20 14	MW10 CDW-MW10-02 MBTL56 07/20/2000 / 11:50 4	MW10 CDE-MW10-04 MBTL57 07/20/2000 / 12:00 6	MW11 CDE-MW11-04 MBTM50 08/22/2000 / 09:33 6
CONSTITUENT						
Aluminum	--	9600	8390	8140	9540	5770
Antimony	5	1.2 U	1.0 U	1.4 UJN	1.4 UJN	**5.1 B**
Arsenic	0.4	**2.2 B**	**2.2**	**0.77 B**	**1.4 B**	**25.6**
Barium	700	53.1	183	83.6	85.4	**3690**
Beryllium	2	0.72 B	0.87 B	0.34 B	0.38 B	0.74 B
Cadmium	8	0.23 UJ	0.21 UJ	0.49 U	0.49 U	**25.7**
Calcium	--	1370	46500	3110 J	10800 J	2330
Chromium	38	17.7	27.7	15.3	17.9	**35.8**
Cobalt	--	6.6 B	11.5	10.9	13.6	15.8
Copper	600	R	R	281	42.5	128
Cyanide	40	0.17 U	0.16 U	0.13 UJN	0.13 UJN	0.29 U
Iron	--	21000	26300	12600	16500	56100
Lead	400	10.9	17	9.7	10.9	**872**
Magnesium	--	3830	6150	5510	7100	1130 B
Manganese	--	R	R	598 JN	397 JN	780
Mercury	2	0.11	0.07 B	0.05 U	0.05 U	0.36
Nickel	130	15.7	26.6	29.1	33.6	72.6
Potassium	--	1380	2480	1600 J	2280 J	320 B
Selenium	5	0.69 U	0.63 U	0.69 B	0.51 B	1 U
Silver	34	1.4 B	1.1 B	0.67 U	0.66 U	0.94 B
Sodium	--	352 BJ	611 BJ	137 B	118 U	201 B
Thallium	0.7	1.4 U	1.3 U	0.43 U	0.42 U	2.1 U
Vanadium	370	24.1	20	10.8	16.4	17.3
Zinc	1500	45.7 J	63.1 J	58.1	68.5	849

301442

Notes:
All results are in mg/Kg.
Shading indicates exceedance of criteria.

TABL[illegible]-18
INORGANICS DETECTED IN SUBSURFACE SOIL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	MW11 CDE-MW11-06 MBTM51 08/22/2000 / 09:44 8	MW11 CDE-MW11-12 MBTM52 08/22/2000 / 10:46 14	MW12 CDE-MW12-04 MBTM98 09/05/2000 / 10:21 6	MW12 CDE-MW12-08 MBTM99 09/05/2000 / 10:40 10
CONSTITUENT					
Aluminum	--	5710	11300	12500	19900
Antimony	5	3.6 B	1.1 U	0.54 B	2.2 B
Arsenic	0.4	16	3.5 J	1.6 B	2.7
Barium	700	1590	127	46.8 B	117
Beryllium	2	0.34 B	0.92 B	0.51 B	2
Cadmium	8	60.8	0.11 U	0.24 U	0.31 B
Calcium	--	1380	17700	697 B	17000
Chromium	38	29.7	21.3	16.6 J	35.9 J
Cobalt	--	16.8	15.4	7.9 B	19.9
Copper	600	80.4	8.6	14.1	8.4
Cyanide	40	0.26 U	0.24 U	0.17 U	0.17 U
Iron	--	51200	18500	17800	45000
Lead	400	644	23.3	7.3	13.9
Magnesium	--	1780	9570	3450	12500
Manganese	--	593	718	179	704
Mercury	2	0.49	R	0.07 BJ	0.05 UJ
Nickel	130	63.1	33.8	13.6 J	41.2 J
Potassium	--	434 B	3770	1590	6860 B
Selenium	5	1 B	0.89 U	0.47 UJ	0.42 UJ
Silver	34	0.44 U	0.55 B	0.27 B	0.21 U
Sodium	--	259 B	400 B	363 BJ	590 BJ
Thallium	0.7	1.9 U	1.8 U	0.71 UJ	1.8 BJ
Vanadium	370	15	23.8	21.6	44.6
Zinc	1500	882	90.3	38.7 J	110 J

301443

Notes:
All results are in mg/Kg.
Shading indicates exceedance of criteria.

TABLE G-19
TOTAL ORGANIC CARBON DETECTED IN SOIL SAMPLES
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	MW01	MW01	MW01A	MW02	MW02	MW02
FWENC SAMPLE ID	CDE-MW01-00	CDE-MW01-02	CDE-MW01A-00	CDE-MW02-00	CDE-MW02-02	CDE-MW02-03
SAMPLE DATE	08/02/00	08/02/00	08/07/00	08/02/00	08/02/00	Duplicate of
DEPTH	2	4	1.17	2	4	CDE-MW02-02
CONSTITUENTS						
Total Organic Carbon	25000	23000	4400	83000	44000	31000

301444

Notes:
All results are in mg/Kg.

TABLE G-19
TOTAL ORGANIC CARBON DETECTED IN SOIL SAMPLES
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	MW02	MW02A	MW02A	MW02A	MW03	MW03
FWENC SAMPLE ID	CDE-MW02-04	CDE-MW02A-04	CDE-MW02A-06	CDE-MW02A-08	CDE-MW03-00	CDE-MW03-02
SAMPLE DATE	08/02/00	08/14/00	08/14/00	08/14/00	08/03/00	08/03/00
DEPTH	6	6	8	10	2	4
CONSTITUENTS						
Total Organic Carbon	38000	2900	990	2000	48000	19000

301445

Notes:
All results are in mg/Kg.

TABLE G-19
TOTAL ORGANIC CARBON DETECTED IN SOIL SAMPLES
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	MW03	MW03	MW04	MW04	MW04	MW05
FWENC SAMPLE ID	CDE-MW03-04	CDE-MW03-06	CDE-MW04-00	CDE-MW04-04	CDE-MW04-12	CDE-MW05-00
SAMPLE DATE	08/03/00	08/03/00	08/15/00	08/15/00	08/15/00	08/18/00
DEPTH	6	8	2	6	14	2
CONSTITUENTS						
Total Organic Carbon	6300	910	160000	130000	3700	140000

301446

Notes:
All results are in mg/Kg.

TABLE G-19
TOTAL ORGANIC CARBON DETECTED IN SOIL SAMPLES
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	MW05	MW05	MW05	MW06	MW06	MW06
FWENC SAMPLE ID	CDE-MW05-01	CDE-MW05-06	CDE-MW05-10	CDE-MW06-00	CDE-MW06-02	CDE-MW06-04
SAMPLE DATE	Duplicate of	08/18/00	08/18/00	08/08/00	08/08/00	08/08/00
DEPTH	CDE-MW05-00	8	12	2	4	6
CONSTITUENTS						
Total Organic Carbon	230000	230000	5800	300000	34000	2600

301447

Notes:
All results are in mg/Kg.

TABLE G-19
TOTAL ORGANIC CARBON DETECTED IN SOIL SAMPLES
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	MW06	MW07	MW07	MW07	MW08	MW08
FWENC SAMPLE ID	CDE-MW06-06	CDE-MW07-00	CDE-MW07-02	CDE-MW07-04	CDE-MW08-00	CDE-MW08-02
SAMPLE DATE	08/08/00	08/01/00	08/01/00	08/01/00	07/20/00	07/20/00
DEPTH	8	2	4	6	0.5	4
CONSTITUENTS						
Total Organic Carbon	1800	300000	29000	17000	27000	2900

301448

Notes:
All results are in mg/Kg.

TABLE G-19
TOTAL ORGANIC CARBON DETECTED IN SOIL SAMPLES
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	MW08	MW08	MW09	MW09	MW09	MW09
FWENC SAMPLE ID	CDE-MW08-04	CDE-MW08-06	CDE-MW09-00	CDE-MW09-04	CDE-MW09-08	CDE-MW09-09
SAMPLE DATE	07/20/00	07/20/00	09/18/00	09/18/00	09/18/00	Duplicate of
DEPTH	6	8	0.5	6	10	CDE-MW09-08
CONSTITUENTS						
Total Organic Carbon	1300	1500	25000	11000	5800	3000

301449

Notes:
All results are in mg/Kg.

TABLE G-19
TOTAL ORGANIC CARBON DETECTED IN SOIL SAMPLES
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	MW09	MW10	MW10	MW11	MW11	MW11
FWENC SAMPLE ID	CDE-MW09-12	CDE-MW10-00	CDE-MW10-02	CDE-MW11-00	CDE-MW11-04	CDE-MW11-06
SAMPLE DATE	09/18/00	07/20/00	07/20/00	08/22/00	08/22/00	08/22/00
DEPTH	14	0.5	4	2	6	8
CONSTITUENTS						
Total Organic Carbon	6300	21000	1500	200000	97000	72000

301450

Notes:
All results are in mg/Kg.

TABLE G-19
TOTAL ORGANIC CARBON DETECTED IN SOIL SAMPLES
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE	MW11	MW12	MW12	MW12
FWENC SAMPLE ID	CDE-MW11-12	CDE-MW12-00	CDE-MW12-04	CDE-MW12-08
SAMPLE DATE	08/22/00	09/05/00	09/05/00	09/05/00
DEPTH	14	2	6	10
CONSTITUENTS				
Total Organic Carbon	7400	31000	1700	4700

301451

Notes:
All results are in mg/Kg.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB01 CDE-BSB01-00 BZE72 08/14/2000 / 09:35 1.08	BSB02 CDE-BSB02-00 BZE73 08/14/2000 / 10:10 1.5	BSB03 CDE-BSB03-00 BZE75 08/14/2000 / 13:55 1.58	BSB03 CDE-BSB03-01 BZE76 Duplicate of CDE-BSB03-00
CONSTITUENT					
Dichlorodifluoromethane	--	9 U	21 U	13 U	12 U
Chloromethane	10000	9 U	21 U	13 U	12 U
Vinyl chloride	10	9 U	21 U	13 U	12 U
Bromomethane	200	9 U	21 U	13 U	12 U
Chloroethane	--	9 U	21 U	13 U	12 U
Trichlorofluoromethane	--	9 U	21 U	13 U	12 U
1,1-Dichloroethylene	60	9 U	21 U	13 U	12 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	9 U	21 U	13 U	12 U
Acetone	16000	18 UJ	70 UJ	32 UJ	28 UJ
Carbon disulfide	32000	9 U	21 U	13 U	12 U
Methyl acetate	--	9 U	21 U	13 U	12 U
Methylene chloride	20	30 UJ	65 UJ	45 UJ	40 UJ
trans-1,2-Dichloroethylene	700	9 U	21 U	13 U	12 U
Methyl tert-butyl ether	--	9 U	21 U	13 U	12 U
1,1-Dichloroethane	10000	9 U	21 U	13 U	12 U
cis-1,2-Dichloroethylene	400	9 U	21 U	13 U	12 U
2-Butanone	50000	9 U	21 U	13 U	12 U
Chloroform	300	9 U	21 U	13 U	12 U
1,1,1-Trichloroethane	2000	9 U	21 U	13 U	12 U
Cyclohexane	--	9 U	21 U	13 U	12 U
Carbon tetrachloride	70	9 U	21 U	13 U	12 U
Benzene	30	9 U	21 U	13 U	12 U
1,2-Dichloroethane	20	9 U	21 U	13 U	12 U
Trichloroethylene	60	1 J	5 J	19	14
Methylcyclohexane	--	9 U	21 U	13 U	12 U

301452

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB01 CDE-BSB01-00 BZE72 08/14/2000 / 09:35 1.08	BSB02 CDE-BSB02-00 BZE73 08/14/2000 / 10:10 1.5	BSB03 CDE-BSB03-00 BZE75 08/14/2000 / 13:55 1.58	BSB03 CDE-BSB03-01 BZE76 Duplicate of CDE-BSB03-00
CONSTITUENT					
1,2-Dichloropropane	30	9 U	21 U	13 U	12 U
Bromodichloromethane	600	9 U	21 U	13 U	12 U
cis-1,3-Dichloropropene	4	9 U	21 U	13 U	12 U
4-Methyl-2-Pentanone	50000	9 U	21 U	13 U	12 U
Toluene	12000	18	32	19	13
trans-1,3-Dichloropropene	4	9 U	21 U	13 U	12 U
1,1,2-Trichloroethane	20	9 U	21 U	13 U	12 U
Tetrachloroethylene	60	9 U	21 U	13 U	12 U
2-Hexanone	--	9 U	21 U	13 U	12 U
Dibromochloromethane	400	9 U	21 U	13 U	12 U
1,2-Dibromoethane	--	9 U	21 U	13 U	12 U
Chlorobenzene	1000	9 U	21 U	13 U	12 U
Ethylbenzene	13000	12 U	21 U	13 U	12 U
Xylene (total)	67000	1 J	2 J	13 U	12 U
Styrene	4000	9 U	21 U	13 U	12 U
Bromoform	800	9 U	21 U	13 U	12 U
Isopropylbenzene	--	9 U	21 U	13 U	12 U
1,1,2,2-Tetrachloroethane	3	9 U	21 U	13 U	12 U
1,3-Dichlorobenzene	100000	9 U	21 U	13 U	12 U
1,4-Dichlorobenzene	2000	9 U	21 U	13 U	12 U
1,2-Dichlorobenzene	17000	9 U	21 U	13 U	12 U
1,2-Dibromo-3-chloropropane	--	9 U	21 U	13 U	12 U
1,2,4-Trichlorobenzene	5000	9 U	21 U	13 U	12 U
Total VOC TICs		R	R	R	R

301453

Notes:
All results are in ug/Kg.
Shading ir [illegible]s exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB05 CDE-BSB05-00 BZE84 08/15/2000 / 14:20 0.75	BSB06 CDE-BSB06-00 BZE85 08/15/2000 / 13:40 0.83	BSB07 CDE-BSB07-00 BZE86 08/15/2000 / 14:45 1.75	BSB08 CDE-BSB08-00 BZE74 08/14/2000 / 11:45 2.58
CONSTITUENT					
Dichlorodifluoromethane	--	18 U	11 U	11 U	13 U
Chloromethane	10000	18 U	11 U	11 U	13 U
Vinyl chloride	10	18 U	11 U	11 U	13 U
Bromomethane	200	18 U	11 U	11 U	13 U
Chloroethane	--	18 U	11 U	11 U	13 U
Trichlorofluoromethane	--	18 U	11 U	11 U	13 U
1,1-Dichloroethylene	60	18 U	11 U	11 U	13 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	18 U	11 U	11 U	13 U
Acetone	16000	36 UJ	19 UJ	59 UJ	30 UJ
Carbon disulfide	32000	18 U	11 U	11 U	13 U
Methyl acetate	--	18 UJ	11 UJ	11 UJ	13 U
Methylene chloride	20	39 UJ	18 UJ	24 UJ	54 UJ
trans-1,2-Dichloroethylene	700	18 U	11 U	11 U	13 U
Methyl tert-butyl ether	--	18 U	11 U	11 U	13 U
1,1-Dichloroethane	10000	18 U	11 U	11 U	13 U
cis-1,2-Dichloroethylene	400	18 U	11 U	11 U	13 U
2-Butanone	50000	18 U	11 U	11 U	13 U
Chloroform	300	18 U	11 U	11 U	13 U
1,1,1-Trichloroethane	2000	18 U	11 U	11 U	13 U
Cyclohexane	--	18 U	11 U	11 U	13 U
Carbon tetrachloride	70	18 U	11 U	11 U	13 U
Benzene	30	18 U	11 U	11 U	13 U
1,2-Dichloroethane	20	18 U	11 U	11 U	13 U
Trichloroethylene	60	3 J	2 J	11 U	7 J
Methylcyclohexane	--	18 U	11 U	11 U	13 U

301454

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB05 CDE-BSB05-00 BZE84 08/15/2000 / 14:20 0.75	BSB06 CDE-BSB06-00 BZE85 08/15/2000 / 13:40 0.83	BSB07 CDE-BSB07-00 BZE86 08/15/2000 / 14:45 1.75	BSB08 CDE-BSB08-00 BZE74 08/14/2000 / 11:45 2.58
CONSTITUENT					
1,2-Dichloropropane	30	18 U	11 U	11 U	13 U
Bromodichloromethane	600	18 U	11 U	11 U	13 U
cis-1,3-Dichloropropene	4	18 U	11 U	11 U	13 U
4-Methyl-2-Pentanone	50000	18 U	11 U	11 U	13 U
Toluene	12000	44	16	11 U	27
trans-1,3-Dichloropropene	4	18 U	11 U	11 U	13 U
1,1,2-Trichloroethane	20	18 U	11 U	11 U	13 U
Tetrachloroethylene	60	18 U	11 U	11 U	13 U
2-Hexanone	--	18 U	11 U	11 U	13 U
Dibromochloromethane	400	18 U	11 U	11 U	13 U
1,2-Dibromoethane	--	18 U	11 U	11 U	13 U
Chlorobenzene	1000	18 U	11 U	11 U	13 U
Ethylbenzene	13000	18 U	11 U	11 U	13 U
Xylene (total)	67000	3 J	1 J	11 U	2 J
Styrene	4000	18 U	11 U	11 U	13 U
Bromoform	800	18 U	11 U	11 U	13 U
Isopropylbenzene	--	18 U	11 U	11 U	13 U
1,1,2,2-Tetrachloroethane	3	18 U	11 U	11 U	13 U
1,3-Dichlorobenzene	100000	18 U	11 U	11 U	13 U
1,4-Dichlorobenzene	2000	18 U	11 U	11 U	13 U
1,2-Dichlorobenzene	17000	18 U	11 U	11 U	13 U
1,2-Dibromo-3-chloropropane	--	18 U	11 U	11 U	13 U
1,2,4-Trichlorobenzene	5000	18 U	11 U	11 U	13 U
Total VOC TICs		U	15 J	15 J	R

301455

Notes:
All results are in ug/Kg.
Shading in[illegible] exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB09 CDE-BSB09-00 BZE79 08/15/2000 / 09:25 1.67	BSB09 CDE-BSB09-12 BZE78 08/15/2000 / 09:47 2.67	BSB12 CDE-BSB12-00 BZF71 08/30/2000 / 15:22 0.71	BSB14 CDE-BSB14-00 BZE94 08/15/2000 / 10:45 0.88
CONSTITUENT					
Dichlorodifluoromethane	--	11 U	12 U	23 UJ	12 U
Chloromethane	10000	11 U	12 U	23 UJ	12 U
Vinyl chloride	10	11 U	12 U	23 UJ	12 U
Bromomethane	200	11 U	12 U	23 UJ	12 U
Chloroethane	--	11 U	12 U	23 UJ	12 UJ
Trichlorofluoromethane	--	11 U	12 U	23 UJ	12 U
1,1-Dichloroethylene	60	11 U	12 U	23 UJ	12 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	11 U	12 U	23 UJ	12 UJ
Acetone	16000	11 UJ	45 UJ	320 J	57 UJ
Carbon disulfide	32000	11 U	12 U	4 J	12 U
Methyl acetate	--	11 U	12 U	15 J	12 U
Methylene chloride	20	23 UJ	29 UJ	5 J	47 UJ
trans-1,2-Dichloroethylene	700	11 U	12 U	23 UJ	12 U
Methyl tert-butyl ether	--	11 U	12 U	23 UJ	12 U
1,1-Dichloroethane	10000	11 U	12 U	23 UJ	12 U
cis-1,2-Dichloroethylene	400	11 U	12 U	23 UJ	4 J
2-Butanone	50000	11 U	12 U	71 J	12 U
Chloroform	300	11 U	12 U	23 UJ	12 U
1,1,1-Trichloroethane	2000	11 U	12 U	23 UJ	12 U
Cyclohexane	--	11 U	12 U	7 J	12 U
Carbon tetrachloride	70	11 U	12 U	R	12 U
Benzene	30	11 U	12 U	R	12 U
1,2-Dichloroethane	20	11 U	12 U	23 UJ	12 U
Trichloroethylene	60	11 U	12 U	R	12 U
Methylcyclohexane	--	11 U	12 U	8 J	12 UJ

301456

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB09 CDE-BSB09-00 BZE79 08/15/2000 / 09:25 1.67	BSB09 CDE-BSB09-12 BZE78 08/15/2000 / 09:47 2.67	BSB12 CDE-BSB12-00 BZF71 08/30/2000 / 15:22 0.71	BSB14 CDE-BSB14-00 BZE94 08/15/2000 / 10:45 0.88
CONSTITUENT					
1,2-Dichloropropane	30	11 U	12 U	R	12 U
Bromodichloromethane	600	11 U	12 U	R	12 U
cis-1,3-Dichloropropene	4	11 U	12 U	R	12 U
4-Methyl-2-Pentanone	50000	11 U	12 U	R	12 U
Toluene	12000	7 J	2 J	17 J	2 J
trans-1,3-Dichloropropene	4	11 U	12 U	R	12 U
1,1,2-Trichloroethane	20	11 U	12 U	R	12 U
Tetrachloroethylene	60	11 U	12 U	R	12 U
2-Hexanone	--	11 U	12 U	R	12 U
Dibromochloromethane	400	11 U	12 U	R	12 U
1,2-Dibromoethane	--	11 U	12 U	R	12 U
Chlorobenzene	1000	11 U	12 U	R	12 U
Ethylbenzene	13000	11 U	12 U	R	12 U
Xylene (total)	67000	11 U	12 U	R	12 U
Styrene	4000	11 U	12 U	R	12 U
Bromoform	800	11 U	12 U	R	12 U
Isopropylbenzene	--	11 U	12 U	R	12 U
1,1,2,2-Tetrachloroethane	3	11 U	12 U	R	12 U
1,3-Dichlorobenzene	100000	11 U	12 U	R	12 U
1,4-Dichlorobenzene	2000	11 U	12 U	R	12 U
1,2-Dichlorobenzene	17000	11 U	12 U	R	12 U
1,2-Dibromo-3-chloropropane	--	11 U	12 U	R	12 U
1,2,4-Trichlorobenzene	5000	11 U	12 U	R	12 U
Total VOC TICs		6 J	10 J	1687 NJ	7J

301457

Notes:
All results are in ug/Kg.
Shading in[illegible]s exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB15 CDE-BSB15-00 BZE95 08/15/2000 / 09:25 1.25	BSB16 CDE-BSB16-00 BZE96 08/15/2000 / 09:48 0.67	BSB17 CDE-BSB17-00 BZF87 09/05/2000 / 16:06 1.29	BSB18 CDE-BSB18-00 BZF34 08/22/2000 / 10:45 1.42
CONSTITUENT					
Dichlorodifluoromethane	--	11 U	9 U	11 UJ	14 UJ
Chloromethane	10000	11 U	9 U	11 UJ	14 UJ
Vinyl chloride	10	11 U	9 U	11 UJ	14 UJ
Bromomethane	200	11 U	9 U	11 UJ	14 UJ
Chloroethane	--	11 UJ	9 UJ	11 UJ	14 UJ
Trichlorofluoromethane	--	11 U	9 U	11 UJ	14 UJ
1,1-Dichloroethylene	60	11 U	9 U	11 UJ	14 UJ
1,1,2-Trichloro-1,2,2-trifluoroethane	--	11 UJ	9 UJ	11 UJ	14 UJ
Acetone	16000	16 UJ	19 UJ	11 UJ	430 J
Carbon disulfide	32000	11 U	9 U	11 UJ	3 J
Methyl acetate	--	11 U	9 U	11 UJ	14 UJ
Methylene chloride	20	29 UJ	29 UJ	11 UJ	14 J
trans-1,2-Dichloroethylene	700	11 U	9 U	11 UJ	14 UJ
Methyl tert-butyl ether	--	11 U	9 U	11 UJ	14 UJ
1,1-Dichloroethane	10000	11 U	9 U	11 UJ	14 UJ
cis-1,2-Dichloroethylene	400	11 U	9 U	11 UJ	14 UJ
2-Butanone	50000	11 U	9 U	11 UJ	76 J
Chloroform	300	11 U	9 U	11 UJ	14 UJ
1,1,1-Trichloroethane	2000	11 U	9 U	11 UJ	14 UJ
Cyclohexane	--	11 U	9 U	11 UJ	14 UJ
Carbon tetrachloride	70	11 U	9 U	11 UJ	14 UJ
Benzene	30	11 U	9 U	11 UJ	14 UJ
1,2-Dichloroethane	20	11 U	9 U	11 UJ	14 UJ
Trichloroethylene	60	7 J	1 J	11 UJ	250 J
Methylcyclohexane	--	11 UJ	9 UJ	11 UJ	14 UJ

301458

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB15 CDE-BSB15-00 BZE95 08/15/2000 / 09:25 1.25	BSB16 CDE-BSB16-00 BZE96 08/15/2000 / 09:48 0.67	BSB17 CDE-BSB17-00 BZF87 09/05/2000 / 16:06 1.29	BSB18 CDE-BSB18-00 BZF34 08/22/2000 / 10:45 1.42
CONSTITUENT					
1,2-Dichloropropane	30	11 U	9 U	11 UJ	14 UJ
Bromodichloromethane	600	11 U	9 U	11 UJ	14 UJ
cis-1,3-Dichloropropene	4	11 U	9 U	11 UJ	14 UJ
4-Methyl-2-Pentanone	50000	11 U	9 U	11 UJ	R
Toluene	12000	15	15	11 UJ	4 J
trans-1,3-Dichloropropene	4	11 U	9 U	11 UJ	14 UJ
1,1,2-Trichloroethane	20	11 U	9 U	11 UJ	14 UJ
Tetrachloroethylene	60	11 U	9 U	11 UJ	R
2-Hexanone	--	11 U	9 U	11 UJ	R
Dibromochloromethane	400	11 U	9 U	11 UJ	14 UJ
1,2-Dibromoethane	--	11 U	9 U	11 UJ	R
Chlorobenzene	1000	11 U	9 U	11 UJ	R
Ethylbenzene	13000	11 U	1 J	11 UJ	R
Xylene (total)	67000	1 J	1 J	11 UJ	R
Styrene	4000	11 U	9 U	11 UJ	R
Bromoform	800	11 U	9 U	11 UJ	R
Isopropylbenzene	--	11 U	9 U	11 UJ	R
1,1,2,2-Tetrachloroethane	3	11 U	9 U	11 UJ	R
1,3-Dichlorobenzene	100000	11 U	9 U	11 UJ	R
1,4-Dichlorobenzene	2000	11 U	9 U	11 UJ	R
1,2-Dichlorobenzene	17000	11 U	9 U	11 UJ	R
1,2-Dibromo-3-chloropropane	--	11 U	9 U	11 UJ	R
1,2,4-Trichlorobenzene	5000	11 U	9 U	11 UJ	R
Total VOC TICs		8J	U	20 J	169 J

301459

Notes:
All results are in ug/Kg.
Shading in[illegible]s exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB18 CDE-BSB18-12 BZF35 08/22/2000 / 11:16 2.33	BSB19 CDE-BSB19-00 BZE98 08/16/2000 / 15:00 2.08	BSB20 CDE-BSB20-00 BZE59 08/11/2000 / 08:23 0.5	BSB20 CDE-BSB20-12 BZE60 08/11/2000 / 09:18 1.5
CONSTITUENT					
Dichlorodifluoromethane	--	11 U	10 U	10 U	11 U
Chloromethane	10000	11 U	10 U	10 U	11 U
Vinyl chloride	10	11 U	10 U	10 U	11 U
Bromomethane	200	11 U	10 U	10 U	11 U
Chloroethane	--	11 U	10 UJ	10 U	11 U
Trichlorofluoromethane	--	11 UJ	10 U	10 U	11 U
1,1-Dichloroethylene	60	11 U	10 U	10 U	11 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	11 U	10 UJ	10 U	11 U
Acetone	16000	13 U	15 UJ	7 J	15
Carbon disulfide	32000	11 U	10 U	10 U	11 U
Methyl acetate	--	11 U	10 U	10 U	11 U
Methylene chloride	20	21 J	29 UJ	10 U	11 U
trans-1,2-Dichloroethylene	700	11 U	10 U	10 U	11 U
Methyl tert-butyl ether	--	11 U	10 U	10 U	11 U
1,1-Dichloroethane	10000	11 U	10 U	10 U	11 U
cis-1,2-Dichloroethylene	400	11 U	10 U	10 U	11 U
2-Butanone	50000	11 UJ	10 U	10 U	11 U
Chloroform	300	11 U	10 U	10 U	11 U
1,1,1-Trichloroethane	2000	11 U	10 U	10 U	11 U
Cyclohexane	--	11 U	10 U	10 U	11 U
Carbon tetrachloride	70	11 U	10 U	10 U	11 U
Benzene	30	11 U	10 U	1 J	1 J
1,2-Dichloroethane	20	11 U	10 U	10 U	11 U
Trichloroethylene	60	8 J	4 J	10 U	11
Methylcyclohexane	--	11 U	10 UJ	10 U	11 U

301460

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB18 CDE-BSB18-12 BZF35 08/22/2000 / 11:16 2.33	BSB19 CDE-BSB19-00 BZE98 08/16/2000 / 15:00 2.08	BSB20 CDE-BSB20-00 BZE59 08/11/2000 / 08:23 0.5	BSB20 CDE-BSB20-12 BZE60 08/11/2000 / 09:18 1.5
CONSTITUENT					
1,2-Dichloropropane	30	11 UJ	10 U	10 U	11 U
Bromodichloromethane	600	11 U	10 U	10 U	11 U
cis-1,3-Dichloropropene	4	11 UJ	10 U	10 U	11 U
4-Methyl-2-Pentanone	50000	11 UJ	10 U	10 U	11 U
Toluene	12000	2 J	9 J	1 J	1 J
trans-1,3-Dichloropropene	4	11 U	10 U	10 U	11 U
1,1,2-Trichloroethane	20	11 U	10 U	10 U	11 U
Tetrachloroethylene	60	11 U	10 U	10 U	11 U
2-Hexanone	--	11 UJ	10 U	10 U	11 U
Dibromochloromethane	400	11 U	10 U	10 U	11 U
1,2-Dibromoethane	--	11 U	10 U	10 U	11 U
Chlorobenzene	1000	11 U	10 U	10 U	11 U
Ethylbenzene	13000	11 U	10 U	10 U	11 U
Xylene (total)	67000	11 U	10 U	10 U	11 U
Styrene	4000	11 U	10 U	10 U	11 U
Bromoform	800	11 U	10 U	10 U	11 U
Isopropylbenzene	--	11 U	10 U	10 U	11 U
1,1,2,2-Tetrachloroethane	3	11 UJ	10 U	10 U	11 U
1,3-Dichlorobenzene	100000	11 U	10 U	10 U	11 U
1,4-Dichlorobenzene	2000	11 U	10 U	10 U	11 U
1,2-Dichlorobenzene	17000	11 U	10 U	10 U	11 U
1,2-Dibromo-3-chloropropane	--	11 UJ	10 U	R	R
1,2,4-Trichlorobenzene	5000	11 U	10 U	10 U	11 U
Total VOC TICs		R	U	U	R

301461

Notes:
All results are in ug/Kg.
Shading in [illegible]s exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB21 CDE-BSB21-00 BZF99 09/08/2000 / 11:10 1.58	BSB22 CDE-BSB22-00 BZF94 09/07/2000 / 15:42 1.5	BSB22 CDE-BSB22-12 BZF95 09/07/2000 / 16:03 2.42	BSB24 CDE-BSB24-00 BZF03 08/17/2000 / 08:15 1.13
CONSTITUENT					
Dichlorodifluoromethane	--	11 U	10 U	10 U	10 U
Chloromethane	10000	11 U	10 U	10 U	10 U
Vinyl chloride	10	11 U	10 U	10 U	10 U
Bromomethane	200	11 U	10 U	10 U	10 U
Chloroethane	--	11 U	10 U	10 U	10 UJ
Trichlorofluoromethane	--	11 UJ	10 U	10 U	10 U
1,1-Dichloroethylene	60	11 U	10 U	10 U	10 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	11 U	10 U	10 U	10 UJ
Acetone	16000	12	10 U	10 U	21 UJ
Carbon disulfide	32000	11 U	10 U	10 U	10 U
Methyl acetate	--	6 J	10 U	10 U	10 U
Methylene chloride	20	11 U	10 U	10 U	34 UJ
trans-1,2-Dichloroethylene	700	11 U	10 U	10 U	10 U
Methyl tert-butyl ether	--	11 U	10 U	10 U	10 U
1,1-Dichloroethane	10000	11 U	10 U	10 U	10 U
cis-1,2-Dichloroethylene	400	11 U	10 U	10 U	10 U
2-Butanone	50000	11 U	10 U	10 U	10 U
Chloroform	300	11 U	10 U	10 U	10 U
1,1,1-Trichloroethane	2000	11 U	10 U	10 U	10 U
Cyclohexane	--	11 U	10 U	10 U	10 U
Carbon tetrachloride	70	11 U	10 U	10 U	10 U
Benzene	30	11 U	10 U	10 U	10 U
1,2-Dichloroethane	20	11 U	10 U	10 U	10 U
Trichloroethylene	60	11 U	2 J	10 U	2 J
Methylcyclohexane	--	11 U	10 U	10 U	10 UJ

301462

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB21 CDE-BSB21-00 BZF99 09/08/2000 / 11:10 1.58	BSB22 CDE-BSB22-00 BZF94 09/07/2000 / 15:42 1.5	BSB22 CDE-BSB22-12 BZF95 09/07/2000 / 16:03 2.42	BSB24 CDE-BSB24-00 BZF03 08/17/2000 / 08:15 1.13
CONSTITUENT					
1,2-Dichloropropane	30	11 U	10 U	10 U	10 U
Bromodichloromethane	600	11 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	4	11 U	10 U	10 U	10 U
4-Methyl-2-Pentanone	50000	11 U	10 U	10 U	10 U
Toluene	12000	11 U	10 U	10 U	12
trans-1,3-Dichloropropene	4	11 U	10 U	10 U	10 U
1,1,2-Trichloroethane	20	11 U	10 U	10 U	10 U
Tetrachloroethylene	60	11 U	10 U	10 U	2 J
2-Hexanone	--	11 U	10 U	10 U	10 U
Dibromochloromethane	400	11 U	10 U	10 U	10 U
1,2-Dibromoethane	--	11 U	10 U	10 U	10 U
Chlorobenzene	1000	11 U	10 U	10 U	10 U
Ethylbenzene	13000	11 U	10 U	10 U	1 J
Xylene (total)	67000	11 U	10 U	10 U	10 U
Styrene	4000	11 U	10 U	10 U	10 U
Bromoform	800	11 U	10 U	10 U	10 U
Isopropylbenzene	--	11 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	3	11 U	10 U	10 U	10 U
1,3-Dichlorobenzene	100000	11 U	10 U	10 U	10 U
1,4-Dichlorobenzene	2000	11 U	10 U	10 U	10 U
1,2-Dichlorobenzene	17000	11 U	10 U	10 U	10 U
1,2-Dibromo-3-chloropropane	--	11 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	5000	11 U	10 U	10 U	10 U
Total VOC TICs		18 NJ	7 J	R	R

301463

Notes:
All results are in ug/Kg.
Shading ir s exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB26 CDE-BSB26-00 BZE61 08/11/2000 / 09:50 1	BSB26 CDE-BSB26-12 BZE62 08/11/2000 / 10:30 1.33	BSB27 CDE-BSB27-00 BZF67 08/30/2000 / 11:40 1.42	BSB27 CDE-BSB27-12 BZF68 08/30/2000 / 11:57 2.33
CONSTITUENT					
Dichlorodifluoromethane	--	11 U	9 U	12 U	10 U
Chloromethane	10000	11 U	9 U	12 U	10 U
Vinyl chloride	10	11 U	9 U	12 U	10 U
Bromomethane	200	11 U	9 U	12 U	10 U
Chloroethane	--	11 U	9 U	12 U	10 U
Trichlorofluoromethane	--	11 U	9 U	12 U	10 UJ
1,1-Dichloroethylene	60	11 U	9 U	12 U	10 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	11 U	9 U	12 U	10 U
Acetone	16000	9 J	8 J	15 UJ	13 J
Carbon disulfide	32000	11 U	9 U	12 U	10 U
Methyl acetate	--	11 U	9 U	4 J	10 U
Methylene chloride	20	11 U	9 U	12 U	10 U
trans-1,2-Dichloroethylene	700	11 U	9 U	12 U	10 U
Methyl tert-butyl ether	--	11 U	9 U	12 U	10 U
1,1-Dichloroethane	10000	11 U	9 U	12 U	10 U
cis-1,2-Dichloroethylene	400	11 U	9 U	12 U	10 U
2-Butanone	50000	11 U	9 U	3 J	3 J
Chloroform	300	11 U	9 U	1 J	3 J
1,1,1-Trichloroethane	2000	11 U	9 U	12 U	10 U
Cyclohexane	--	11 U	9 U	12 U	10 U
Carbon tetrachloride	70	11 U	9 U	12 U	10 U
Benzene	30	11 U	9 U	12 U	10 U
1,2-Dichloroethane	20	11 U	9 U	12 U	10 U
Trichloroethylene	60	1 J	9	38	110
Methylcyclohexane	--	11 U	9 U	12 U	10 U

301464

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB26 CDE-BSB26-00 BZE61 08/11/2000 / 09:50 1	BSB26 CDE-BSB26-12 BZE62 08/11/2000 / 10:30 1.33	BSB27 CDE-BSB27-00 BZF67 08/30/2000 / 11:40 1.42	BSB27 CDE-BSB27-12 BZF68 08/30/2000 / 11:57 2.33
CONSTITUENT					
1,2-Dichloropropane	30	11 U	9 U	12 U	10 U
Bromodichloromethane	600	11 U	9 U	12 U	10 U
cis-1,3-Dichloropropene	4	11 U	9 U	12 U	10 U
4-Methyl-2-Pentanone	50000	11 U	9 U	12 UJ	10 U
Toluene	12000	11 U	9 U	12 U	10 U
trans-1,3-Dichloropropene	4	11 U	9 U	12 U	10 U
1,1,2-Trichloroethane	20	11 U	9 U	12 U	10 U
Tetrachloroethylene	60	11 U	9 U	12 U	2 J
2-Hexanone	--	11 U	9 U	12 UJ	10 U
Dibromochloromethane	400	11 U	9 U	12 U	10 U
1,2-Dibromoethane	--	11 U	9 U	12 U	10 U
Chlorobenzene	1000	11 U	9 U	12 U	10 U
Ethylbenzene	13000	11 U	9 U	12 U	10 U
Xylene (total)	67000	11 U	9 U	12 U	10 U
Styrene	4000	11 U	9 U	12 U	10 U
Bromoform	800	11 U	9 U	12 U	10 U
Isopropylbenzene	--	11 U	9 U	12 U	10 U
1,1,2,2-Tetrachloroethane	3	11 U	9 U	12 U	10 U
1,3-Dichlorobenzene	100000	11 U	9 U	12 U	10 U
1,4-Dichlorobenzene	2000	11 U	9 U	12 U	10 U
1,2-Dichlorobenzene	17000	11 U	9 U	12 U	10 U
1,2-Dibromo-3-chloropropane	--	R	R	12 U	10 U
1,2,4-Trichlorobenzene	5000	11 U	9 U	12 U	10 U
Total VOC TICs		R	R	7 J	U

301465

Notes:
All results are in ug/Kg.
Shading in [illegible]s exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB28 CDE-BSB28-00 BZF42 08/23/2000 / 13:44 1.42	BSB28 CDE-BSB28-12 BZF43 08/23/2000 / 14:22 1.92	BSB29 CDE-BSB29-00 BZE63 08/11/2000 / 11:04 1	BSB29 CDE-BSB29-12 BZE64 08/11/2000 / 11:23 1.5
CONSTITUENT					
Dichlorodifluoromethane	--	13 U	11 U	10 U	11 U
Chloromethane	10000	13 U	11 U	10 U	11 U
Vinyl chloride	10	13 U	11 U	10 U	11 U
Bromomethane	200	13 UJ	11 UJ	10 U	11 U
Chloroethane	--	13 UJ	11 UJ	10 U	11 U
Trichlorofluoromethane	--	R	R	10 U	11 U
1,1-Dichloroethylene	60	13 U	11 U	10 U	11 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	13 U	11 U	10 U	11 U
Acetone	16000	41 U	18 U	15	11
Carbon disulfide	32000	13 U	11 U	1 J	1 J
Methyl acetate	--	13 U	11 U	10 U	11 U
Methylene chloride	20	18	19	10 U	11 U
trans-1,2-Dichloroethylene	700	13 U	11 U	10 U	11 U
Methyl tert-butyl ether	--	13 U	11 U	10 U	11 U
1,1-Dichloroethane	10000	13 U	11 U	10 U	11 U
cis-1,2-Dichloroethylene	400	13 U	11 U	10 U	11 U
2-Butanone	50000	13 U	11 U	10 U	11 U
Chloroform	300	13 U	11 U	10 U	11 U
1,1,1-Trichloroethane	2000	13 U	11 U	10 U	11 U
Cyclohexane	--	13 U	11 U	10 U	11 U
Carbon tetrachloride	70	13 U	11 U	10 U	11 U
Benzene	30	13 U	11 U	1 J	1 J
1,2-Dichloroethane	20	13 U	11 U	10 U	11 U
Trichloroethylene	60	13 U	11 U	170	100
Methylcyclohexane	--	13 U	11 U	10 U	11 U

301466

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB28 CDE-BSB28-00 BZF42 08/23/2000 / 13:44 1.42	BSB28 CDE-BSB28-12 BZF43 08/23/2000 / 14:22 1.92	BSB29 CDE-BSB29-00 BZE63 08/11/2000 / 11:04 1	BSB29 CDE-BSB29-12 BZE64 08/11/2000 / 11:23 1.5
CONSTITUENT					
1,2-Dichloropropane	30	13 U	11 U	10 U	11 U
Bromodichloromethane	600	13 U	11 U	10 U	11 U
cis-1,3-Dichloropropene	4	13 U	11 U	10 U	11 U
4-Methyl-2-Pentanone	50000	13 UJ	11 UJ	10 U	11 U
Toluene	12000	2 J	2 J	45	1 J
trans-1,3-Dichloropropene	4	13 U	11 U	10 U	11 U
1,1,2-Trichloroethane	20	13 U	11 U	10 U	11 U
Tetrachloroethylene	60	13 U	11 U	10 U	11 U
2-Hexanone	--	13 UJ	11 UJ	10 U	11 U
Dibromochloromethane	400	13 U	11 U	10 U	11 U
1,2-Dibromoethane	--	13 U	11 U	10 U	11 U
Chlorobenzene	1000	13 U	11 U	10 U	11 U
Ethylbenzene	13000	13 U	11 U	10 U	11 U
Xylene (total)	67000	13 U	11 U	10 U	11 U
Styrene	4000	13 U	11 U	10 U	11 U
Bromoform	800	13 U	11 U	10 U	11 U
Isopropylbenzene	--	13 U	11 U	10 U	11 U
1,1,2,2-Tetrachloroethane	3	13 U	11 U	10 U	11 U
1,3-Dichlorobenzene	100000	13 U	11 U	10 U	11 U
1,4-Dichlorobenzene	2000	13 U	11 U	10 U	11 U
1,2-Dichlorobenzene	17000	13 U	11 U	10 U	11 U
1,2-Dibromo-3-chloropropane	--	13 U	11 U	R	R
1,2,4-Trichlorobenzene	5000	13 U	11 U	10 U	11 U
Total VOC TICs		U	6 J	R	R

301467

Notes:
All results are in ug/Kg.
Shading in[illegible]s exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB30 CDE-BSB30-00 BZF36 08/22/2000 / 14:49 1.58	BSB30 CDE-BSB30-12 BZF37 08/22/2000 / 15:34 2.58	BSB31 CDE-BSB31-00 BZF22 08/21/2000 / 14:47 1.83	BSB31 CDE-BSB31-12 BZF23 08/21/2000 / 15:18 2.67
CONSTITUENT					
Dichlorodifluoromethane	--	10 UJ	10 UJ	10 UJ	11 UJ
Chloromethane	10000	10 UJ	10 UJ	10 UJ	11 UJ
Vinyl chloride	10	10 UJ	10 UJ	10 U	11 U
Bromomethane	200	10 UJ	10 UJ	10 U	11 U
Chloroethane	--	10 UJ	10 UJ	10 U	11 U
Trichlorofluoromethane	--	R	R	10 UJ	11 UJ
1,1-Dichloroethylene	60	10 UJ	10 UJ	10 U	11 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	10 UJ	10 UJ	10 U	11 U
Acetone	16000	43 UJ	93 UJ	26 U	11 U
Carbon disulfide	32000	10 UJ	10 UJ	10 U	11 U
Methyl acetate	--	10 UJ	10 UJ	10 U	11 U
Methylene chloride	20	8 J	3 J	10	13
trans-1,2-Dichloroethylene	700	10 UJ	10 UJ	10 U	11 U
Methyl tert-butyl ether	--	10 UJ	10 UJ	10 U	11 U
1,1-Dichloroethane	10000	10 UJ	10 UJ	10 U	11 U
cis-1,2-Dichloroethylene	400	3 J	10 UJ	10 U	11 U
2-Butanone	50000	10 UJ	10 UJ	10 U	11 U
Chloroform	300	10 UJ	10 UJ	10 U	11 U
1,1,1-Trichloroethane	2000	10 UJ	10 UJ	10 U	11 U
Cyclohexane	--	10 UJ	10 UJ	10 U	11 U
Carbon tetrachloride	70	10 UJ	10 UJ	10 U	11 U
Benzene	30	10 UJ	10 UJ	10 U	11 U
1,2-Dichloroethane	20	10 UJ	10 UJ	10 U	11 U
Trichloroethylene	60	81 J	6 J	10 U	11 U
Methylcyclohexane	--	10 UJ	10 UJ	10 U	11 U

301468

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB30 CDE-BSB30-00 BZF36 08/22/2000 / 14:49 1.58	BSB30 CDE-BSB30-12 BZF37 08/22/2000 / 15:34 2.58	BSB31 CDE-BSB31-00 BZF22 08/21/2000 / 14:47 1.83	BSB31 CDE-BSB31-12 BZF23 08/21/2000 / 15:18 2.67
CONSTITUENT					
1,2-Dichloropropane	30	10 UJ	10 UJ	10 U	11 U
Bromodichloromethane	600	10 UJ	10 UJ	10 U	11 U
cis-1,3-Dichloropropene	4	10 UJ	10 UJ	10 U	11 U
4-Methyl-2-Pentanone	50000	10 UJ	10 UJ	10 UJ	11 UJ
Toluene	12000	10 UJ	10 UJ	10 U	11 U
trans-1,3-Dichloropropene	4	10 UJ	10 UJ	10 U	11 U
1,1,2-Trichloroethane	20	10 UJ	10 UJ	10 U	11 U
Tetrachloroethylene	60	10 UJ	10 UJ	10 U	11 U
2-Hexanone	--	10 UJ	10 UJ	10 UJ	11 UJ
Dibromochloromethane	400	10 UJ	10 UJ	10 U	11 U
1,2-Dibromoethane	--	10 UJ	10 UJ	10 U	11 U
Chlorobenzene	1000	10 UJ	10 UJ	10 U	11 U
Ethylbenzene	13000	10 UJ	10 UJ	10 U	11 U
Xylene (total)	67000	10 UJ	10 UJ	10 U	11 U
Styrene	4000	10 UJ	10 UJ	10 U	11 U
Bromoform	800	10 UJ	10 UJ	10 U	11 U
Isopropylbenzene	--	10 UJ	10 UJ	10 U	11 U
1,1,2,2-Tetrachloroethane	3	10 UJ	10 UJ	10 U	11 U
1,3-Dichlorobenzene	100000	10 UJ	10 UJ	10 U	11 U
1,4-Dichlorobenzene	2000	10 UJ	10 UJ	10 U	11 U
1,2-Dichlorobenzene	17000	10 UJ	10 UJ	10 U	11 U
1,2-Dibromo-3-chloropropane	--	10 UJ	10 UJ	10 U	11 U
1,2,4-Trichlorobenzene	5000	10 UJ	10 UJ	10 U	11 U
Total VOC TICs		U	39 J	U	R

301469

Notes:
All results are in ug/Kg.
Shading in [illegible]s exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB33 CDE-BSB33-00 BZF85 09/05/2000 / 14:01 1.67	BSB33 CDE-BSB33-12 BZF86 09/05/2000 / 14:26 2.42	BSB34 CDE-BSB34-00 BZF73 09/01/2000 / 13:30 2.42	BSB34 CDE-BSB34-12 BZF74 09/01/2000 / 13:48 2.75
CONSTITUENT					
Dichlorodifluoromethane	--	11 UJ	12 UJ	11 U	11 U
Chloromethane	10000	11 UJ	12 UJ	11 U	11 U
Vinyl chloride	10	11 UJ	12 UJ	11 U	11 U
Bromomethane	200	11 UJ	12 UJ	11 U	11 U
Chloroethane	--	11 UJ	12 UJ	11 U	11 U
Trichlorofluoromethane	--	11 UJ	12 UJ	11 UJ	11 UJ
1,1-Dichloroethylene	60	11 UJ	12 UJ	11 U	11 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	11 UJ	12 UJ	11 U	11 U
Acetone	16000	11 UJ	12 UJ	4 J	10 J
Carbon disulfide	32000	11 UJ	12 UJ	11 U	11 U
Methyl acetate	--	11 UJ	12 UJ	11 U	11 U
Methylene chloride	20	11 UJ	12 UJ	11 U	11 U
trans-1,2-Dichloroethylene	700	11 UJ	12 UJ	11 U	11 U
Methyl tert-butyl ether	--	11 UJ	12 UJ	11 U	11 U
1,1-Dichloroethane	10000	11 UJ	12 UJ	11 U	11 U
cis-1,2-Dichloroethylene	400	11 UJ	12 UJ	11 U	11 U
2-Butanone	50000	11 UJ	12 UJ	11 U	11 U
Chloroform	300	11 UJ	12 UJ	11 U	11 U
1,1,1-Trichloroethane	2000	11 UJ	12 UJ	11 U	11 U
Cyclohexane	--	11 UJ	12 UJ	11 U	11 U
Carbon tetrachloride	70	11 UJ	12 UJ	11 U	11 U
Benzene	30	11 UJ	12 UJ	11 U	11 U
1,2-Dichloroethane	20	11 UJ	12 UJ	11 U	11 U
Trichloroethylene	60	11 UJ	12 UJ	11 U	2 J
Methylcyclohexane	--	11 UJ	12 UJ	11 U	11 U

301470

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB33 CDE-BSB33-00 BZF85 09/05/2000 / 14:01 1.67	BSB33 CDE-BSB33-12 BZF86 09/05/2000 / 14:26 2.42	BSB34 CDE-BSB34-00 BZF73 09/01/2000 / 13:30 2.42	BSB34 CDE-BSB34-12 BZF74 09/01/2000 / 13:48 2.75
CONSTITUENT					
1,2-Dichloropropane	30	11 UJ	12 UJ	11 U	11 U
Bromodichloromethane	600	11 UJ	12 UJ	11 U	11 U
cis-1,3-Dichloropropene	4	11 UJ	12 UJ	11 U	11 U
4-Methyl-2-Pentanone	50000	11 UJ	12 UJ	11 U	11 U
Toluene	12000	11 UJ	12 UJ	11 U	11 U
trans-1,3-Dichloropropene	4	11 UJ	12 UJ	11 U	11 U
1,1,2-Trichloroethane	20	11 UJ	12 UJ	11 U	11 U
Tetrachloroethylene	60	11 UJ	12 UJ	11 U	11 U
2-Hexanone	--	11 UJ	12 UJ	11 U	11 U
Dibromochloromethane	400	11 UJ	12 UJ	11 U	11 U
1,2-Dibromoethane	--	11 UJ	12 UJ	11 U	11 U
Chlorobenzene	1000	11 UJ	12 UJ	11 U	11 U
Ethylbenzene	13000	11 UJ	12 UJ	11 U	11 U
Xylene (total)	67000	11 UJ	12 UJ	11 U	11 U
Styrene	4000	11 UJ	12 UJ	11 U	11 U
Bromoform	800	11 UJ	12 UJ	11 U	11 U
Isopropylbenzene	--	11 UJ	12 UJ	11 U	11 U
1,1,2,2-Tetrachloroethane	3	11 UJ	12 UJ	11 U	11 U
1,3-Dichlorobenzene	100000	11 UJ	12 UJ	11 U	11 U
1,4-Dichlorobenzene	2000	11 UJ	12 UJ	11 U	11 U
1,2-Dichlorobenzene	17000	11 UJ	12 UJ	11 U	11 U
1,2-Dibromo-3-chloropropane	--	11 UJ	12 UJ	11 U	11 U
1,2,4-Trichlorobenzene	5000	11 UJ	12 UJ	11 U	11 U
Total VOC TICs		U	6 J	U	109 NJ

301471

Notes:
All results are in ug/Kg.
Shading in[illegible]s exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB35 CDE-BSB35-00 BZE77 08/14/2000 / 14:37 1.17	BSB36 CDE-BSB36-00 BZF40 08/23/2000 / 11:00 1	BSB36 CDE-BSB36-12 BZF41 08/23/2000 / 11:36 1.75	BSB37 CDE-BSB37-00 BZF21 08/21/2000 / 09:43 0.75
CONSTITUENT					
Dichlorodifluoromethane	--	11 U	12 U	11 U	10 UJ
Chloromethane	10000	11 U	12 U	11 U	10 UJ
Vinyl chloride	10	11 U	12 U	11 U	10 U
Bromomethane	200	11 U	12 UJ	11 UJ	10 U
Chloroethane	--	11 U	12 UJ	11 UJ	10 U
Trichlorofluoromethane	--	11 U	R	R	10 UJ
1,1-Dichloroethylene	60	11 U	12 U	11 U	10 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	11 U	12 U	11 U	10 U
Acetone	16000	24 UJ	45	59 U	23 U
Carbon disulfide	32000	11 U	12 U	11 U	1 J
Methyl acetate	--	11 U	12 U	11 U	10 U
Methylene chloride	20	35 UJ	8 J	7 J	17
trans-1,2-Dichloroethylene	700	11 U	12 U	11 U	10 U
Methyl tert-butyl ether	--	11 U	12 U	11 U	10 U
1,1-Dichloroethane	10000	11 U	12 U	11 U	10 U
cis-1,2-Dichloroethylene	400	11 U	12 U	1 J	10 U
2-Butanone	50000	11 U	12 J	11 U	10 U
Chloroform	300	11 U	12 U	11 U	10 U
1,1,1-Trichloroethane	2000	11 U	12 U	11 U	10 U
Cyclohexane	--	11 U	12 U	11 U	10 U
Carbon tetrachloride	70	11 U	12 U	11 U	10 U
Benzene	30	11 U	12 U	11 U	10 U
1,2-Dichloroethane	20	11 U	12 U	11 U	10 U
Trichloroethylene	60	11 U	12	61	3 J
Methylcyclohexane	--	11 U	12 U	11 U	10 U

301472

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB35 CDE-BSB35-00 BZE77 08/14/2000 / 14:37 1.17	BSB36 CDE-BSB36-00 BZF40 08/23/2000 / 11:00 1	BSB36 CDE-BSB36-12 BZF41 08/23/2000 / 11:36 1.75	BSB37 CDE-BSB37-00 BZF21 08/21/2000 / 09:43 0.75
CONSTITUENT					
1,2-Dichloropropane	30	11 U	12 U	11 U	10 U
Bromodichloromethane	600	11 U	12 U	11 U	10 U
cis-1,3-Dichloropropene	4	11 U	12 U	11 U	10 U
4-Methyl-2-Pentanone	50000	11 U	12 UJ	11 UJ	10 UJ
Toluene	12000	10 J	2 J	2 J	1 J
trans-1,3-Dichloropropene	4	11 U	12 U	11 U	10 U
1,1,2-Trichloroethane	20	11 U	12 U	11 U	10 U
Tetrachloroethylene	60	11 U	12 U	3 J	10 U
2-Hexanone	--	11 U	12 UJ	11 UJ	10 UJ
Dibromochloromethane	400	11 U	12 U	11 U	10 U
1,2-Dibromoethane	--	11 U	12 U	11 U	10 U
Chlorobenzene	1000	11 U	12 U	11 U	10 U
Ethylbenzene	13000	11 U	12 U	11 U	10 U
Xylene (total)	67000	11 U	12 U	11 U	10 U
Styrene	4000	11 U	12 U	11 U	10 U
Bromoform	800	11 U	12 U	11 U	10 U
Isopropylbenzene	--	11 U	12 U	11 U	10 U
1,1,2,2-Tetrachloroethane	3	11 U	12 U	11 U	10 U
1,3-Dichlorobenzene	100000	11 U	12 U	11 U	10 U
1,4-Dichlorobenzene	2000	11 U	12 U	11 U	10 U
1,2-Dichlorobenzene	17000	11 U	12 U	11 U	10 U
1,2-Dibromo-3-chloropropane	--	11 U	12 U	11 U	10 U
1,2,4-Trichlorobenzene	5000	11 U	12 U	11 U	10 U
Total VOC TICs		25 J	R	R	R

301473

Notes:
All results are in ug/Kg.
Shading in [illegible]s exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB39 CDE-BSB39-00 BZE80 08/15/2000 / 08:20 1.83	BSB39 CDE-BSB39-12 BZE81 08/15/2000 / 08:55 2.83	BSB40 CDE-BSB40-00 BZF62 08/29/2000 / 14:43 0.67	BSB41 CDE-BSB41A-00 BZF64 08/30/2000 / 08:39 0.54
CONSTITUENT					
Dichlorodifluoromethane	--	12 U	10 U	R	17 U
Chloromethane	10000	12 U	10 U	R	17 U
Vinyl chloride	10	12 U	10 U	R	17 U
Bromomethane	200	12 U	10 U	R	17 U
Chloroethane	--	12 U	10 U	R	17 U
Trichlorofluoromethane	--	12 U	10 U	R	17 U
1,1-Dichloroethylene	60	12 U	10 U	R	17 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	12 U	10 U	R	17 U
Acetone	16000	14 UJ	21 UJ	48 UJ	19 UJ
Carbon disulfide	32000	12 U	10 U	R	17 U
Methyl acetate	--	12 U	10 UJ	R	17 U
Methylene chloride	20	21 UJ	19 UJ	4 J	17 U
trans-1,2-Dichloroethylene	700	12 U	10 U	R	17 U
Methyl tert-butyl ether	--	12 U	10 U	R	17 U
1,1-Dichloroethane	10000	12 U	10 U	R	17 U
cis-1,2-Dichloroethylene	400	12 U	10 U	R	17 U
2-Butanone	50000	12 U	10 U	8 J	17 UJ
Chloroform	300	12 U	10 U	R	17 U
1,1,1-Trichloroethane	2000	12 U	10 U	16 UJ	17 U
Cyclohexane	--	12 U	10 U	R	17 U
Carbon tetrachloride	70	12 U	10 U	R	17 U
Benzene	30	12 U	10 U	R	17 U
1,2-Dichloroethane	20	12 U	10 U	R	17 U
Trichloroethylene	60	4 J	4 J	18 J	17 U
Methylcyclohexane	--	12 U	10 U	R	17 U

301474

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB39 CDE-BSB39-00 BZE80 08/15/2000 / 08:20 1.83	BSB39 CDE-BSB39-12 BZE81 08/15/2000 / 08:55 2.83	BSB40 CDE-BSB40-00 BZF62 08/29/2000 / 14:43 0.67	BSB41 CDE-BSB41A-00 BZF64 08/30/2000 / 08:39 0.54
CONSTITUENT					
1,2-Dichloropropane	30	12 U	10 U	R	17 U
Bromodichloromethane	600	12 U	10 U	R	17 U
cis-1,3-Dichloropropene	4	12 U	10 U	R	17 U
4-Methyl-2-Pentanone	50000	12 U	10 U	R	17 UJ
Toluene	12000	7 J	29	R	17 UJ
trans-1,3-Dichloropropene	4	12 U	10 U	R	17 U
1,1,2-Trichloroethane	20	12 U	10 U	R	17 U
Tetrachloroethylene	60	12 U	10 U	R	17 UJ
2-Hexanone	--	12 U	10 U	R	17 UJ
Dibromochloromethane	400	12 U	10 U	R	17 U
1,2-Dibromoethane	--	12 U	10 U	R	17 UJ
Chlorobenzene	1000	12 U	10 U	R	17 UJ
Ethylbenzene	13000	12 U	10 U	R	17 UJ
Xylene (total)	67000	12 U	2 J	R	17 UJ
Styrene	4000	12 U	10 U	R	17 UJ
Bromoform	800	12 U	10 U	R	17 U
Isopropylbenzene	--	12 U	10 U	R	17 UJ
1,1,2,2-Tetrachloroethane	3	12 U	10 U	R	17 UJ
1,3-Dichlorobenzene	100000	12 U	10 U	R	17 UJ
1,4-Dichlorobenzene	2000	12 U	10 U	R	17 UJ
1,2-Dichlorobenzene	17000	12 U	10 U	R	17 UJ
1,2-Dibromo-3-chloropropane	--	12 U	10 U	R	17 UJ
1,2,4-Trichlorobenzene	5000	12 U	10 U	R	17 UJ
Total VOC TICs		U	U	36 J	54 J

301475

Notes:
All results are in ug/Kg.
Shading in[illegible]s exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB41 CDE-BSB41-00 BZF65 08/30/2000 / 09:45 1.38	BSB41 CDE-BSB41-12 BZF66 08/30/2000 / 10:15 1.71	BSB42 CDE-BSB42-00 BZF97 09/08/2000 / 09:25 1.17	BSB43 CDE-BSB43-00 BZF15 08/18/2000 / 11:45 1.25
CONSTITUENT					
Dichlorodifluoromethane	--	11 U	12 U	11 U	10 U
Chloromethane	10000	11 U	12 U	11 U	10 U
Vinyl chloride	10	11 U	12 U	11 U	10 U
Bromomethane	200	11 U	12 U	11 U	10 U
Chloroethane	--	11 U	12 U	11 U	10 U
Trichlorofluoromethane	--	11 U	12 U	11 U	1 J
1,1-Dichloroethylene	60	11 U	12 U	11 U	10 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	11 U	12 U	11 U	10 U
Acetone	16000	11 UJ	12 UJ	11 U	96 UJ
Carbon disulfide	32000	11 U	12 U	11 U	10 U
Methyl acetate	--	1 J	1 J	11 U	10 U
Methylene chloride	20	11 U	12 U	11 U	14 UJ
trans-1,2-Dichloroethylene	700	11 U	12 U	11 U	10 U
Methyl tert-butyl ether	--	11 U	12 U	11 U	10 U
1,1-Dichloroethane	10000	11 U	12 U	11 U	10 U
cis-1,2-Dichloroethylene	400	11 U	12 U	11 U	2 J
2-Butanone	50000	2 J	12 UJ	11 U	10 U
Chloroform	300	11 U	12 U	11 U	10 U
1,1,1-Trichloroethane	2000	11 U	12 U	11 U	10 U
Cyclohexane	--	11 U	12 U	11 U	10 U
Carbon tetrachloride	70	11 U	12 U	11 U	10 U
Benzene	30	11 U	12 U	11 U	10 U
1,2-Dichloroethane	20	11 U	12 U	11 U	10 U
Trichloroethylene	60	11 U	12 U	1 J	170
Methylcyclohexane	--	11 U	12 U	11 U	10 U

301476

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB41 CDE-BSB41-00 BZF65 08/30/2000 / 09:45 1.38	BSB41 CDE-BSB41-12 BZF66 08/30/2000 / 10:15 1.71	BSB42 CDE-BSB42-00 BZF97 09/08/2000 / 09:25 1.17	BSB43 CDE-BSB43-00 BZF15 08/18/2000 / 11:45 1.25
CONSTITUENT					
1,2-Dichloropropane	30	11 U	12 U	11 U	10 U
Bromodichloromethane	600	11 U	12 U	11 U	10 U
cis-1,3-Dichloropropene	4	11 U	12 U	11 U	10 U
4-Methyl-2-Pentanone	50000	11 UJ	12 UJ	11 U	10 U
Toluene	12000	1 J	12 U	11 U	5 J
trans-1,3-Dichloropropene	4	11 U	12 U	11 U	10 U
1,1,2-Trichloroethane	20	11 U	12 U	11 U	10 U
Tetrachloroethylene	60	11 U	12 U	3 J	10 U
2-Hexanone	--	11 UJ	12 UJ	11 U	10 U
Dibromochloromethane	400	11 U	12 U	11 U	10 U
1,2-Dibromoethane	--	11 U	12 U	11 U	10 U
Chlorobenzene	1000	11 U	12 U	11 U	10 U
Ethylbenzene	13000	11 U	12 U	11 U	10 U
Xylene (total)	67000	11 U	12 U	11 U	10 U
Styrene	4000	11 U	12 U	11 U	10 U
Bromoform	800	11 U	12 U	11 U	10 U
Isopropylbenzene	--	11 U	12 U	11 U	10 U
1,1,2,2-Tetrachloroethane	3	11 U	12 U	11 U	10 U
1,3-Dichlorobenzene	100000	11 U	12 U	11 U	10 U
1,4-Dichlorobenzene	2000	11 U	12 U	11 U	10 U
1,2-Dichlorobenzene	17000	11 U	12 U	11 U	10 U
1,2-Dibromo-3-chloropropane	--	11 U	12 U	11 U	10 U
1,2,4-Trichlorobenzene	5000	11 U	12 U	11 U	10 UJ
Total VOC TICs		29 NJ	40 J	21 J	U

301477

Notes:
All results are in ug/Kg.
Shading ir[illegible]s exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB43 CDE-BSB43-12 BZF16 08/18/2000 / 12:30 2.33	BSB43 CDE-BSB43-13 BZF17 Duplicate of CDE-BSB43-12	BSB44 CDE-BSB44-00 BZF20 08/21/2000 / 08:55 0.83	BSB45 CDE-BSB45-00 BZE97 08/15/2000 / 10:16 1.08
CONSTITUENT					
Dichlorodifluoromethane	--	10 U	11 U	10 UJ	11 U
Chloromethane	10000	10 U	11 U	10 UJ	11 U
Vinyl chloride	10	10 U	11 U	10 U	11 U
Bromomethane	200	10 U	11 U	10 U	11 U
Chloroethane	--	10 U	11 U	10 U	11 UJ
Trichlorofluoromethane	--	2 J	2 J	10 UJ	11 U
1,1-Dichloroethylene	60	10 U	11 U	10 U	11 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	10 U	11 U	10 U	11 UJ
Acetone	16000	75 UJ	86 UJ	23 U	15 UJ
Carbon disulfide	32000	10 U	11 U	1 J	11 U
Methyl acetate	--	10 U	11 U	10 U	11 U
Methylene chloride	20	26 UJ	26 UJ	10	32 UJ
trans-1,2-Dichloroethylene	700	10 U	11 U	10 U	11 U
Methyl tert-butyl ether	--	10 U	11 U	10 U	11 U
1,1-Dichloroethane	10000	10 U	11 U	10 U	11 U
cis-1,2-Dichloroethylene	400	10 U	11 U	10 U	11 U
2-Butanone	50000	10 U	11 U	10 U	11 U
Chloroform	300	10 U	11 U	10 U	11 U
1,1,1-Trichloroethane	2000	10 U	11 U	10 U	11 U
Cyclohexane	--	10 U	11 U	10 U	11 U
Carbon tetrachloride	70	10 U	11 U	10 U	11 U
Benzene	30	10 U	11 U	10 U	11 U
1,2-Dichloroethane	20	10 U	11 U	10 U	11 U
Trichloroethylene	60	5 J	6 J	10 U	1 J
Methylcyclohexane	--	10 U	11 U	10 U	11 UJ

301478

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB43 CDE-BSB43-12 BZF16 08/18/2000 / 12:30 2.33	BSB43 CDE-BSB43-13 BZF17 Duplicate of CDE-BSB43-12	BSB44 CDE-BSB44-00 BZF20 08/21/2000 / 08:55 0.83	BSB45 CDE-BSB45-00 BZE97 08/15/2000 / 10:16 1.08
CONSTITUENT					
1,2-Dichloropropane	30	10 U	11 U	10 U	11 U
Bromodichloromethane	600	10 U	11 U	10 U	11 U
cis-1,3-Dichloropropene	4	10 U	11 U	10 U	11 U
4-Methyl-2-Pentanone	50000	10 U	11 U	10 UJ	11 U
Toluene	12000	7 J	7 J	10 U	15
trans-1,3-Dichloropropene	4	10 U	11 U	10 U	11 U
1,1,2-Trichloroethane	20	10 U	11 U	10 U	11 U
Tetrachloroethylene	60	10 U	11 U	10 U	11 U
2-Hexanone	--	10 U	11 U	10 UJ	11 U
Dibromochloromethane	400	10 U	11 U	10 U	11 U
1,2-Dibromoethane	--	10 U	11 U	10 U	11 U
Chlorobenzene	1000	10 U	11 U	10 U	11 U
Ethylbenzene	13000	10 U	11 U	10 U	1 J
Xylene (total)	67000	10 U	11 U	10 U	11 U
Styrene	4000	10 U	11 U	10 U	11 U
Bromoform	800	10 U	11 U	10 U	11 U
Isopropylbenzene	--	10 U	11 U	10 U	11 U
1,1,2,2-Tetrachloroethane	3	10 U	11 U	10 U	11 U
1,3-Dichlorobenzene	100000	10 U	11 U	10 U	11 U
1,4-Dichlorobenzene	2000	10 U	11 U	10 U	11 U
1,2-Dichlorobenzene	17000	10 U	11 U	10 U	11 U
1,2-Dibromo-3-chloropropane	--	10 U	11 U	10 U	11 U
1,2,4-Trichlorobenzene	5000	10 UJ	11 UJ	10 U	11 U
Total VOC TICs		R	R	R	U

301479

Notes:
All results are in ug/Kg.
Shading in [illegible]s exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB46 CDE-BSB46-00 BZF54 08/29/2000 / 11:40 0.83	BSB47 CDE-BSB47-00 BZF58 08/29/2000 / 10:25 1.58	BSB48 CDE-BSB48-00 BZF59 08/29/2000 / 08:55 1.75	BSB48 CDE-BSB48-01 BZF60 Duplicate of CDE-BSB48-00
CONSTITUENT					
Dichlorodifluoromethane	--	10 U	11 UJ	11 UJ	10 U
Chloromethane	10000	10 U	11 UJ	11 UJ	10 U
Vinyl chloride	10	10 U	11 UJ	11 UJ	10 U
Bromomethane	200	10 U	11 UJ	11 UJ	10 U
Chloroethane	--	10 U	11 UJ	11 UJ	10 U
Trichlorofluoromethane	--	10 U	11 UJ	11 UJ	10 U
1,1-Dichloroethylene	60	10 U	11 UJ	11 UJ	10 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	10 U	11 UJ	11 UJ	10 U
Acetone	16000	9 J	5 J	22 UJ	4 J
Carbon disulfide	32000	2 J	1 J	1 J	10 U
Methyl acetate	--	10 U	11 UJ	11 UJ	10 U
Methylene chloride	20	2 J	2 J	5 J	3 J
trans-1,2-Dichloroethylene	700	10 U	11 UJ	11 UJ	10 U
Methyl tert-butyl ether	--	1 J	11 UJ	2 J	10 U
1,1-Dichloroethane	10000	10 U	11 UJ	11 UJ	10 U
cis-1,2-Dichloroethylene	400	10 U	11 UJ	11 UJ	10 U
2-Butanone	50000	10 UJ	11 UJ	11 UJ	10 UJ
Chloroform	300	10 U	11 UJ	11 UJ	10 U
1,1,1-Trichloroethane	2000	10 U	11 UJ	11 UJ	10 U
Cyclohexane	--	10 U	11 UJ	11 UJ	10 U
Carbon tetrachloride	70	10 U	11 UJ	11 UJ	10 U
Benzene	30	10 U	11 UJ	11 UJ	10 U
1,2-Dichloroethane	20	10 U	11 UJ	11 UJ	10 U
Trichloroethylene	60	10 U	11 UJ	11 UJ	10 U
Methylcyclohexane	--	10 U	11 UJ	11 UJ	10 U

301480

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB46 CDE-BSB46-00 BZF54 08/29/2000 / 11:40 0.83	BSB47 CDE-BSB47-00 BZF58 08/29/2000 / 10:25 1.58	BSB48 CDE-BSB48-00 BZF59 08/29/2000 / 08:55 1.75	BSB48 CDE-BSB48-01 BZF60 Duplicate of CDE-BSB48-00
CONSTITUENT					
1,2-Dichloropropane	30	10 U	11 UJ	11 UJ	10 U
Bromodichloromethane	600	10 U	11 UJ	11 UJ	10 U
cis-1,3-Dichloropropene	4	10 U	11 UJ	11 UJ	10 U
4-Methyl-2-Pentanone	50000	10 U	11 UJ	11 UJ	10 U
Toluene	12000	10 U	11 UJ	11 UJ	10 U
trans-1,3-Dichloropropene	4	10 U	11 UJ	11 UJ	10 U
1,1,2-Trichloroethane	20	10 U	11 UJ	11 UJ	10 U
Tetrachloroethylene	60	10 U	11 UJ	11 UJ	10 U
2-Hexanone	--	10 UJ	11 UJ	11 UJ	10 UJ
Dibromochloromethane	400	10 U	11 UJ	11 UJ	10 U
1,2-Dibromoethane	--	10 U	11 UJ	11 UJ	10 U
Chlorobenzene	1000	10 U	11 UJ	11 UJ	10 U
Ethylbenzene	13000	10 U	11 UJ	11 UJ	10 U
Xylene (total)	67000	10 U	11 UJ	11 UJ	10 U
Styrene	4000	10 U	11 UJ	11 UJ	10 U
Bromoform	800	10 U	11 UJ	11 UJ	10 U
Isopropylbenzene	--	10 U	11 UJ	11 UJ	10 U
1,1,2,2-Tetrachloroethane	3	10 U	11 UJ	11 UJ	10 U
1,3-Dichlorobenzene	100000	10 U	11 UJ	11 UJ	10 U
1,4-Dichlorobenzene	2000	10 U	11 UJ	11 UJ	10 U
1,2-Dichlorobenzene	17000	10 U	11 UJ	11 UJ	10 U
1,2-Dibromo-3-chloropropane	--	10 U	11 UJ	11 UJ	10 U
1,2,4-Trichlorobenzene	5000	10 U	11 UJ	11 UJ	10 U
Total VOC TICs		16 J	88 J	81 J	8 J

301481

Notes:
All results are in ug/Kg.
Shading in [illegible] exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB48 CDE-BSB48-12 BZF61 08/29/2000 / 09:17 2.58	BSB52 CDE-BSB52-00 BZF45 08/25/2000 / 10:55 1.5	BSB52 CDE-BSB52-12 BZF48 08/25/2000 / 11:32 2.58	BSB53 CDE-BSB53-00 BZF39 08/23/2000 / 09:06 1.17
CONSTITUENT					
Dichlorodifluoromethane	--	11 U	10 UJ	10 UJ	10 U
Chloromethane	10000	11 U	10 UJ	10 UJ	10 U
Vinyl chloride	10	11 U	10 UJ	10 UJ	10 U
Bromomethane	200	11 U	10 UJ	10 UJ	10 UJ
Chloroethane	--	11 U	10 UJ	10 UJ	10 UJ
Trichlorofluoromethane	--	11 U	10 UJ	10 UJ	R
1,1-Dichloroethylene	60	11 U	1 J	10 UJ	10 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	11 U	10 UJ	10 UJ	10 U
Acetone	16000	11 UJ	80 J	42 J	45 U
Carbon disulfide	32000	2 J	10 UJ	10 UJ	10 U
Methyl acetate	--	11 U	3 J	10 UJ	10 U
Methylene chloride	20	5 J	10 UJ	26 UJ	7 J
trans-1,2-Dichloroethylene	700	11 U	10 UJ	10 UJ	10 U
Methyl tert-butyl ether	--	1 J	10 UJ	10 UJ	10 U
1,1-Dichloroethane	10000	11 U	2 J	10 UJ	10 U
cis-1,2-Dichloroethylene	400	11 U	10 UJ	10 UJ	10 U
2-Butanone	50000	11 UJ	15 J	7 J	10 U
Chloroform	300	11 U	10 UJ	10 UJ	10 U
1,1,1-Trichloroethane	2000	11 U	160 J	32 J	4 J
Cyclohexane	--	11 U	10 UJ	10 UJ	10 U
Carbon tetrachloride	70	11 U	10 UJ	10 UJ	10 U
Benzene	30	11 U	10 UJ	10 UJ	10 U
1,2-Dichloroethane	20	11 U	10 UJ	10 UJ	10 U
Trichloroethylene	60	11 U	9 J	5 J	1 J
Methylcyclohexane	--	11 U	10 UJ	10 UJ	10 U

301482

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB48 CDE-BSB48-12 BZF61 08/29/2000 / 09:17 2.58	BSB52 CDE-BSB52-00 BZF45 08/25/2000 / 10:55 1.5	BSB52 CDE-BSB52-12 BZF48 08/25/2000 / 11:32 2.58	BSB53 CDE-BSB53-00 BZF39 08/23/2000 / 09:06 1.17
CONSTITUENT					
1,2-Dichloropropane	30	11 U	10 UJ	10 UJ	10 U
Bromodichloromethane	600	11 U	10 UJ	10 UJ	10 U
cis-1,3-Dichloropropene	4	11 U	10 UJ	10 UJ	10 U
4-Methyl-2-Pentanone	50000	11 U	10 UJ	10 UJ	10 UJ
Toluene	12000	11 U	4 J	2 J	1 J
trans-1,3-Dichloropropene	4	11 U	10 UJ	10 UJ	10 U
1,1,2-Trichloroethane	20	11 U	10 UJ	10 UJ	10 U
Tetrachloroethylene	60	11 U	14 J	4 J	10 U
2-Hexanone	--	11 UJ	10 UJ	10 UJ	10 UJ
Dibromochloromethane	400	11 U	10 UJ	10 UJ	10 U
1,2-Dibromoethane	--	11 U	10 UJ	10 UJ	10 U
Chlorobenzene	1000	11 U	10 UJ	10 UJ	10 U
Ethylbenzene	13000	11 U	10 UJ	10 UJ	10 U
Xylene (total)	67000	11 U	10 UJ	10 UJ	10 U
Styrene	4000	11 U	10 UJ	10 UJ	10 U
Bromoform	800	11 U	10 UJ	10 UJ	10 U
Isopropylbenzene	--	11 U	10 UJ	10 UJ	10 U
1,1,2,2-Tetrachloroethane	3	11 U	10 UJ	10 UJ	10 U
1,3-Dichlorobenzene	100000	11 U	10 UJ	10 UJ	10 U
1,4-Dichlorobenzene	2000	11 U	10 UJ	10 UJ	10 U
1,2-Dichlorobenzene	17000	11 U	10 UJ	10 UJ	10 U
1,2-Dibromo-3-chloropropane	--	11 U	10 UJ	10 UJ	10 U
1,2,4-Trichlorobenzene	5000	11 U	10 UJ	10 UJ	10 U
Total VOC TICs		8 J	8 J	R	U

301483

Notes:
All results are in ug/Kg.
Shading in [illegible] exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB54 CDE-BSB54-00 BZF49 08/25/2000 / 13:00 1.46	BSB55 CDE-BSB55-00 BZF12 08/18/2000 / 09:33 1.08	BSB56 CDE-BSB56-00 BZF01 08/17/2000 / 09:45 1.42	BSB56 CDE-BSB56-12 BZF02 08/17/2000 / 09:59 1.75
CONSTITUENT					
Dichlorodifluoromethane	--	10 UJ	16 U	15 U	15 U
Chloromethane	10000	10 UJ	16 U	15 U	15 U
Vinyl chloride	10	10 UJ	16 U	15 U	15 U
Bromomethane	200	10 UJ	16 U	15 U	15 U
Chloroethane	--	10 UJ	16 UJ	15 UJ	15 UJ
Trichlorofluoromethane	--	10 UJ	16 U	15 U	15 U
1,1-Dichloroethylene	60	10 UJ	16 U	15 U	15 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	10 UJ	16 U	15 U	15 UJ
Acetone	16000	71 J	16 UJ	17 UJ	58 UJ
Carbon disulfide	32000	10 UJ	16 U	15 U	15 U
Methyl acetate	--	4 J	16 U	15 U	15 U
Methylene chloride	20	24 UJ	16 UJ	18 UJ	18 UJ
trans-1,2-Dichloroethylene	700	10 UJ	16 U	15 U	15 U
Methyl tert-butyl ether	--	10 UJ	16 U	15 U	15 U
1,1-Dichloroethane	10000	10 UJ	16 U	15 U	15 U
cis-1,2-Dichloroethylene	400	10 UJ	16 U	3 J	4 J
2-Butanone	50000	9 J	16 U	15 U	4 J
Chloroform	300	10 UJ	16 U	15 U	15 U
1,1,1-Trichloroethane	2000	10 UJ	16 U	15 U	15 U
Cyclohexane	--	10 UJ	16 UJ	15 UJ	15 U
Carbon tetrachloride	70	10 UJ	16 U	15 U	15 U
Benzene	30	10 UJ	16 U	15 U	15 U
1,2-Dichloroethane	20	10 UJ	16 U	15 U	15 U
Trichloroethylene	60	27 J	4 J	30	42
Methylcyclohexane	--	10 UJ	16 U	15 U	15 UJ

301484

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB54 CDE-BSB54-00 BZF49 08/25/2000 / 13:00 1.46	BSB55 CDE-BSB55-00 BZF12 08/18/2000 / 09:33 1.08	BSB56 CDE-BSB56-00 BZF01 08/17/2000 / 09:45 1.42	BSB56 CDE-BSB56-12 BZF02 08/17/2000 / 09:59 1.75
CONSTITUENT					
1,2-Dichloropropane	30	10 UJ	16 U	15 U	15 U
Bromodichloromethane	600	10 UJ	16 U	15 U	15 U
cis-1,3-Dichloropropene	4	10 UJ	16 U	15 U	15 U
4-Methyl-2-Pentanone	50000	10 UJ	16 U	15 U	15 U
Toluene	12000	2 J	6 J	10 J	15 U
trans-1,3-Dichloropropene	4	10 UJ	16 U	15 U	15 U
1,1,2-Trichloroethane	20	10 UJ	16 U	15 U	15 U
Tetrachloroethylene	60	10 UJ	16 U	15 U	15 U
2-Hexanone	--	10 UJ	16 U	15 U	15 U
Dibromochloromethane	400	10 UJ	16 U	15 U	15 U
1,2-Dibromoethane	--	10 UJ	16 U	15 U	15 U
Chlorobenzene	1000	10 UJ	16 U	15 U	15 U
Ethylbenzene	13000	10 UJ	2 J	2 J	15 U
Xylene (total)	67000	10 UJ	16 U	15 U	15 U
Styrene	4000	10 UJ	16 U	15 U	15 U
Bromoform	800	10 UJ	16 U	15 U	15 U
Isopropylbenzene	--	10 UJ	16 U	15 U	15 U
1,1,2,2-Tetrachloroethane	3	10 UJ	16 U	15 U	15 U
1,3-Dichlorobenzene	100000	10 UJ	16 U	15 U	15 U
1,4-Dichlorobenzene	2000	10 UJ	16 U	15 U	15 U
1,2-Dichlorobenzene	17000	10 UJ	16 U	15 U	15 U
1,2-Dibromo-3-chloropropane	--	10 UJ	16 U	15 U	15 U
1,2,4-Trichlorobenzene	5000	10 UJ	16 U	15 U	15 U
Total VOC TICs		9 J	30 J	7 J	R

301485

Notes:
All results are in ug/Kg.
Shading in[illegible]s exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB57 CDE-BSB57-00 BZF11 08/18/2000 / 08:40 1.42	BSB58 CDE-BSB58-00 BZE65 08/11/2000 / 13:40 1	BSB58 CDE-BSB58-12 BZE66 08/11/2000 / 14:05 2	BSB59 CDE-BSB59-00 BZF50 08/25/2000 / 14:10 0.63
CONSTITUENT					
Dichlorodifluoromethane	--	10 U	12 U	13 U	12 UJ
Chloromethane	10000	10 U	12 U	13 U	12 UJ
Vinyl chloride	10	10 U	12 U	13 U	12 UJ
Bromomethane	200	10 U	12 U	13 U	12 UJ
Chloroethane	--	10 UJ	12 U	13 U	12 UJ
Trichlorofluoromethane	--	10 U	12 U	13 U	12 UJ
1,1-Dichloroethylene	60	10 U	12 U	13 U	12 UJ
1,1,2-Trichloro-1,2,2-trifluoroethane	--	10 U	12 U	13 U	12 UJ
Acetone	16000	11 UJ	12	15	12 UJ
Carbon disulfide	32000	10 U	12 U	13 U	12 UJ
Methyl acetate	--	10 U	12 U	13 U	12 UJ
Methylene chloride	20	16 UJ	12 U	13 U	12 UJ
trans-1,2-Dichloroethylene	700	10 U	3 J	13 U	12 UJ
Methyl tert-butyl ether	--	10 U	12 U	13 U	12 UJ
1,1-Dichloroethane	10000	10 U	12 U	13 U	12 UJ
cis-1,2-Dichloroethylene	400	10 U	32	2 J	12 UJ
2-Butanone	50000	10 U	12 U	13 U	12 UJ
Chloroform	300	10 U	12 U	13 U	12 UJ
1,1,1-Trichloroethane	2000	10 U	12 U	13 U	12 UJ
Cyclohexane	--	10 UJ	12 U	13 U	12 UJ
Carbon tetrachloride	70	10 U	12 U	13 U	12 UJ
Benzene	30	10 U	12 U	13 U	12 UJ
1,2-Dichloroethane	20	10 U	12 U	13 U	12 UJ
Trichloroethylene	60	10 U	54	2 J	3 J
Methylcyclohexane	--	10 U	12 U	13 U	12 UJ

301486

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB57 CDE-BSB57-00 BZF11 08/18/2000 / 08:40 1.42	BSB58 CDE-BSB58-00 BZE65 08/11/2000 / 13:40 1	BSB58 CDE-BSB58-12 BZE66 08/11/2000 / 14:05 2	BSB59 CDE-BSB59-00 BZF50 08/25/2000 / 14:10 0.63
CONSTITUENT					
1,2-Dichloropropane	30	10 U	12 U	13 U	12 UJ
Bromodichloromethane	600	10 U	12 U	13 U	12 UJ
cis-1,3-Dichloropropene	4	10 U	12 U	13 U	12 UJ
4-Methyl-2-Pentanone	50000	10 U	12 U	13 U	12 UJ
Toluene	12000	3 J	1 J	13 U	12 UJ
trans-1,3-Dichloropropene	4	10 U	12 U	13 U	12 UJ
1,1,2-Trichloroethane	20	10 U	12 U	13 U	12 UJ
Tetrachloroethylene	60	10 U	12 U	13 U	12 UJ
2-Hexanone	--	10 U	12 U	13 U	12 UJ
Dibromochloromethane	400	10 U	12 U	13 U	12 UJ
1,2-Dibromoethane	--	10 U	12 U	13 U	12 UJ
Chlorobenzene	1000	10 U	12 U	13 U	12 UJ
Ethylbenzene	13000	10 U	12 U	13 U	12 UJ
Xylene (total)	67000	10 U	12 U	13 U	12 UJ
Styrene	4000	10 U	12 U	13 U	12 UJ
Bromoform	800	10 U	12 U	13 U	12 UJ
Isopropylbenzene	--	10 U	12 U	13 U	12 UJ
1,1,2,2-Tetrachloroethane	3	10 U	12 U	13 U	12 UJ
1,3-Dichlorobenzene	100000	10 U	12 U	13 U	12 UJ
1,4-Dichlorobenzene	2000	10 U	12 U	13 U	12 UJ
1,2-Dichlorobenzene	17000	10 U	12 U	13 U	12 UJ
1,2-Dibromo-3-chloropropane	--	10 U	R	R	12 UJ
1,2,4-Trichlorobenzene	5000	10 U	12 U	13 U	12 UJ
Total VOC TICs		9 J	38 J	7 J	U

301487

Notes:
All results are in ug/Kg.
Shading ir [illegible] exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB60 CDE-BSB60-00 BZF04 08/17/2000 / 14:50 1.5	BSB61 CDE-BSB61-00 BZE99 08/17/2000 / 11:00 1.83	BSB61 CDE-BSB61-12 BZF00 08/17/2000 / 11:23 1.92	BSB62 CDE-BSB62-00 BZF52 08/28/2000 / 13:45 1.79
CONSTITUENT					
Dichlorodifluoromethane	--	12 U	10 U	16 U	12 U
Chloromethane	10000	12 U	10 U	16 U	12 U
Vinyl chloride	10	4 J	150	2800 J	12 U
Bromomethane	200	12 U	10 U	16 U	12 U
Chloroethane	--	12 UJ	10 UJ	16 UJ	12 U
Trichlorofluoromethane	--	12 U	2 J	16 U	12 U
1,1-Dichloroethylene	60	12 U	10 U	4 J	12 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	12 UJ	10 UJ	16 UJ	12 U
Acetone	16000	31 UJ	25 UJ	92 J	11 J
Carbon disulfide	32000	12 U	10 U	16 U	12 U
Methyl acetate	--	12 U	10 U	16 U	2 J
Methylene chloride	20	25 UJ	28 UJ	16 UJ	12 U
trans-1,2-Dichloroethylene	700	12 U	6 J	27	12 U
Methyl tert-butyl ether	--	12 U	10 U	16 U	12 U
1,1-Dichloroethane	10000	12 U	10 U	16 U	12 U
cis-1,2-Dichloroethylene	400	4 J	160	6600 D	12 U
2-Butanone	50000	8 J	10 U	16 U	12 UJ
Chloroform	300	12 U	10 U	16 U	12 U
1,1,1-Trichloroethane	2000	12 U	10 U	16 U	12 U
Cyclohexane	--	12 U	10 U	16 U	12 U
Carbon tetrachloride	70	12 U	10 U	16 U	12 U
Benzene	30	12 U	10 U	16 U	12 U
1,2-Dichloroethane	20	12 U	10 U	16 U	12 U
Trichloroethylene	60	5 J	24	10 J	12 U
Methylcyclohexane	--	12 UJ	10 UJ	16 UJ	12 U

301488

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB60 CDE-BSB60-00 BZF04 08/17/2000 / 14:50 1.5	BSB61 CDE-BSB61-00 BZE99 08/17/2000 / 11:00 1.83	BSB61 CDE-BSB61-12 BZF00 08/17/2000 / 11:23 1.92	BSB62 CDE-BSB62-00 BZF52 08/28/2000 / 13:45 1.79
CONSTITUENT					
1,2-Dichloropropane	30	12 U	10 U	16 U	12 U
Bromodichloromethane	600	12 U	10 U	16 U	12 U
cis-1,3-Dichloropropene	4	12 U	10 U	16 U	12 U
4-Methyl-2-Pentanone	50000	12 U	10 U	16 U	12 U
Toluene	12000	15	14	16 U	12 U
trans-1,3-Dichloropropene	4	12 U	10 U	16 U	12 U
1,1,2-Trichloroethane	20	12 U	10 U	16 U	12 U
Tetrachloroethylene	60	12 U	10 U	1700 JD	12 U
2-Hexanone	--	12 U	10 U	16 U	12 UJ
Dibromochloromethane	400	12 U	10 U	16 U	12 U
1,2-Dibromoethane	--	12 U	10 U	16 U	12 U
Chlorobenzene	1000	12 U	10 U	16 U	12 U
Ethylbenzene	13000	4 J	2 J	5 J	12 U
Xylene (total)	67000	19	1 J	19	12 U
Styrene	4000	12 U	10 U	16 U	12 U
Bromoform	800	12 U	10 U	16 U	12 U
Isopropylbenzene	--	12 U	10 U	16 U	12 U
1,1,2,2-Tetrachloroethane	3	12 U	10 U	16 U	12 U
1,3-Dichlorobenzene	100000	12 U	10 U	16 U	12 U
1,4-Dichlorobenzene	2000	12 U	10 U	16 U	12 U
1,2-Dichlorobenzene	17000	12 U	10 U	16 U	12 U
1,2-Dibromo-3-chloropropane	--	12 U	10 U	16 U	12 U
1,2,4-Trichlorobenzene	5000	12 U	10 U	16 U	12 U
Total VOC TICs		R	U	U	25 J

301489

Notes:
All results are in ug/Kg.
Shading ir [illegible] exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB63 CDE-BSB63-00 BZF53 08/28/2000 / 14:27 1.75	BSB66 CDE-BSB66-00 BZF81 09/05/2000 / 08:41 0.67	BSB67 CDE-BSB67-00 BZF98 09/08/2000 / 10:00 0.67	BSB68 CDE-BSB68-00 BZG00 09/08/2000 / 12:30 1.58
CONSTITUENT					
Dichlorodifluoromethane	--	10 U	12 UJ	10 U	11 U
Chloromethane	10000	10 U	12 UJ	10 U	11 U
Vinyl chloride	10	10 U	12 UJ	10 U	11 U
Bromomethane	200	10 U	12 UJ	10 U	11 U
Chloroethane	--	10 U	12 UJ	10 U	11 U
Trichlorofluoromethane	--	10 U	12 UJ	10 U	11 U
1,1-Dichloroethylene	60	10 U	12 UJ	10 U	11 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	10 U	12 UJ	10 U	11 U
Acetone	16000	7 J	4 J	15 U	11 U
Carbon disulfide	32000	10 U	12 UJ	10 U	11 U
Methyl acetate	--	10 U	12 UJ	10 U	11 U
Methylene chloride	20	10 U	12 UJ	10 U	11 U
trans-1,2-Dichloroethylene	700	10 U	12 UJ	10 U	11 U
Methyl tert-butyl ether	--	10 U	12 UJ	10 U	11 U
1,1-Dichloroethane	10000	10 U	12 UJ	10 U	11 U
cis-1,2-Dichloroethylene	400	10 U	12 UJ	10 U	11 U
2-Butanone	50000	10 UJ	12 UJ	2 J	11 U
Chloroform	300	10 U	12 UJ	10 U	11 U
1,1,1-Trichloroethane	2000	10 U	12 UJ	10 U	11 U
Cyclohexane	--	10 U	12 UJ	10 U	11 U
Carbon tetrachloride	70	10 U	12 UJ	10 U	11 U
Benzene	30	10 U	12 UJ	10 U	11 U
1,2-Dichloroethane	20	10 U	12 UJ	10 U	11 U
Trichloroethylene	60	10 U	12 UJ	10 U	2 J
Methylcyclohexane	--	10 U	12 UJ	10 U	11 U

301490

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB63 CDE-BSB63-00 BZF53 08/28/2000 / 14:27 1.75	BSB66 CDE-BSB66-00 BZF81 09/05/2000 / 08:41 0.67	BSB67 CDE-BSB67-00 BZF98 09/08/2000 / 10:00 0.67	BSB68 CDE-BSB68-00 BZG00 09/08/2000 / 12:30 1.58
CONSTITUENT					
1,2-Dichloropropane	30	10 U	12 UJ	10 U	11 U
Bromodichloromethane	600	10 U	12 UJ	10 U	11 U
cis-1,3-Dichloropropene	4	10 U	12 UJ	10 U	11 U
4-Methyl-2-Pentanone	50000	10 U	12 UJ	10 U	11 U
Toluene	12000	10 U	12 UJ	10 U	11 U
trans-1,3-Dichloropropene	4	10 U	12 UJ	10 U	11 U
1,1,2-Trichloroethane	20	10 U	12 UJ	10 U	11 U
Tetrachloroethylene	60	10 U	12 UJ	10 U	11 U
2-Hexanone	--	10 UJ	12 UJ	10 U	11 U
Dibromochloromethane	400	10 U	12 UJ	10 U	11 U
1,2-Dibromoethane	--	10 U	12 UJ	10 U	11 U
Chlorobenzene	1000	10 U	12 UJ	10 U	11 U
Ethylbenzene	13000	10 U	12 UJ	10 U	11 U
Xylene (total)	67000	10 U	12 UJ	10 U	11 U
Styrene	4000	10 U	12 UJ	10 U	11 U
Bromoform	800	10 U	12 UJ	10 U	11 U
Isopropylbenzene	--	10 U	12 UJ	10 U	11 U
1,1,2,2-Tetrachloroethane	3	10 U	12 UJ	10 U	11 U
1,3-Dichlorobenzene	100000	10 U	12 UJ	10 U	11 U
1,4-Dichlorobenzene	2000	10 U	12 UJ	10 U	11 U
1,2-Dichlorobenzene	17000	10 U	12 UJ	10 U	11 U
1,2-Dibromo-3-chloropropane	--	10 U	12 UJ	10 U	11 U
1,2,4-Trichlorobenzene	5000	10 U	12 UJ	10 U	11 U
Total VOC TICs		35 J	U	U	15 J

301491

Notes:
All results are in ug/Kg.
Shading in exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB68 CDE-BSB68-12 BZG01 09/08/2000 / 12:40 2.42	BSB69 CDE-BSB69-00 BZF13 08/18/2000 / 10:25 1.17	BSB71 CDE-BSB71-00 BZF55 08/28/2000 / 10:58 1.67	BSB71 CDE-BSB71-12 BZF56 08/28/2000 / 11:20 2.67
CONSTITUENT					
Dichlorodifluoromethane	--	10 U	12 U	10 U	9 U
Chloromethane	10000	10 U	12 U	10 U	9 U
Vinyl chloride	10	10 U	12 U	10 U	9 U
Bromomethane	200	10 U	12 U	10 U	9 U
Chloroethane	--	10 U	12 UJ	10 U	9 U
Trichlorofluoromethane	--	10 UJ	12 U	10 U	9 U
1,1-Dichloroethylene	60	10 U	12 U	10 U	9 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	10 U	12 U	10 U	9 U
Acetone	16000	6 J	12 UJ	11 J	7 J
Carbon disulfide	32000	10 U	12 U	1 J	9 U
Methyl acetate	--	10 U	12 U	10 U	9 U
Methylene chloride	20	10 U	12 UJ	10 U	9 U
trans-1,2-Dichloroethylene	700	10 U	12 U	10 U	9 U
Methyl tert-butyl ether	--	10 U	12 U	10 U	9 U
1,1-Dichloroethane	10000	10 U	12 U	10 U	9 U
cis-1,2-Dichloroethylene	400	10 U	12 U	2 J	1 J
2-Butanone	50000	10 U	12 U	9 J	9 UJ
Chloroform	300	10 U	12 U	10 U	9 U
1,1,1-Trichloroethane	2000	10 U	12 U	10 U	9 U
Cyclohexane	--	10 U	12 UJ	10 U	9 U
Carbon tetrachloride	70	10 U	12 U	10 U	9 U
Benzene	30	10 U	12 U	10 U	9 U
1,2-Dichloroethane	20	10 U	12 U	10 U	9 U
Trichloroethylene	60	10 U	12 U	11	5 J
Methylcyclohexane	--	10 U	12 U	10 U	9 U

301492

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB68 CDE-BSB68-12 BZG01 09/08/2000 / 12:40 2.42	BSB69 CDE-BSB69-00 BZF13 08/18/2000 / 10:25 1.17	BSB71 CDE-BSB71-00 BZF55 08/28/2000 / 10:58 1.67	BSB71 CDE-BSB71-12 BZF56 08/28/2000 / 11:20 2.67
CONSTITUENT					
1,2-Dichloropropane	30	10 U	12 U	10 U	9 U
Bromodichloromethane	600	10 U	12 U	10 U	9 U
cis-1,3-Dichloropropene	4	10 U	12 U	10 U	9 U
4-Methyl-2-Pentanone	50000	10 U	12 U	10 U	9 U
Toluene	12000	10 U	2 J	10 U	9 U
trans-1,3-Dichloropropene	4	10 U	12 U	10 U	9 U
1,1,2-Trichloroethane	20	10 U	12 U	10 U	9 U
Tetrachloroethylene	60	10 U	12 U	2 J	9 U
2-Hexanone	--	10 U	12 U	10 UJ	9 UJ
Dibromochloromethane	400	10 U	12 U	10 U	9 U
1,2-Dibromoethane	--	10 U	12 U	10 U	9 U
Chlorobenzene	1000	10 U	12 U	10 U	9 U
Ethylbenzene	13000	10 U	12 U	10 U	9 U
Xylene (total)	67000	10 U	12 U	10 U	9 U
Styrene	4000	10 U	12 U	10 U	9 U
Bromoform	800	10 U	12 U	10 U	9 U
Isopropylbenzene	--	10 U	12 U	10 U	9 U
1,1,2,2-Tetrachloroethane	3	10 U	12 U	10 U	9 U
1,3-Dichlorobenzene	100000	10 U	12 U	10 U	9 U
1,4-Dichlorobenzene	2000	10 U	12 U	10 U	9 U
1,2-Dichlorobenzene	17000	10 U	12 U	10 U	9 U
1,2-Dibromo-3-chloropropane	--	10 U	12 U	10 U	9 U
1,2,4-Trichlorobenzene	5000	10 U	12 U	10 U	9 U
Total VOC TICs		10 NJ	U	150 NJ	6 J

301493

Notes:
All results are in ug/Kg.
Shading in[illegible] exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB72 CDE-BSB72-00 BZF14 08/18/2000 / 10:55 1	BSB73 CDE-BSB73-00 BZF69 08/30/2000 / 14:18 1.42	BSB73 CDE-BSB73-12 BZF70 08/30/2000 / 14:42 2.42	BSB74 CDE-BSB74-00 BZF91 09/07/2000 / 11:35 0.79
CONSTITUENT					
Dichlorodifluoromethane	--	17 U	11 U	11 U	12 U
Chloromethane	10000	17 U	11 U	11 U	12 U
Vinyl chloride	10	17 U	11 U	11 U	12 U
Bromomethane	200	17 U	11 U	11 U	12 U
Chloroethane	--	17 UJ	11 U	11 U	12 U
Trichlorofluoromethane	--	17 U	11 U	11 U	12 U
1,1-Dichloroethylene	60	17 U	11 U	11 U	12 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	17 U	11 U	11 U	12 U
Acetone	16000	48 UJ	18 UJ	16 UJ	12 U
Carbon disulfide	32000	17 U	11 U	11 U	12 U
Methyl acetate	--	17 U	1 J	11 U	12 U
Methylene chloride	20	17 UJ	11 U	2 J	12 U
trans-1,2-Dichloroethylene	700	17 U	11 U	11 U	12 U
Methyl tert-butyl ether	--	17 U	11 U	11 U	12 U
1,1-Dichloroethane	10000	17 U	11 U	11 U	12 U
cis-1,2-Dichloroethylene	400	17 U	11 U	11 U	12 U
2-Butanone	50000	17 U	3 J	3 J	12 U
Chloroform	300	17 U	11 U	11 U	12 U
1,1,1-Trichloroethane	2000	17 U	11 U	11 U	12 U
Cyclohexane	--	17 UJ	11 U	11 UJ	12 U
Carbon tetrachloride	70	17 U	11 U	11 UJ	12 U
Benzene	30	17 U	11 U	11 UJ	12 U
1,2-Dichloroethane	20	17 U	11 U	11 UJ	12 U
Trichloroethylene	60	7 J	11 U	11 UJ	22
Methylcyclohexane	--	17 U	11 U	11 UJ	12 U

301494

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB72 CDE-BSB72-00 BZF14 08/18/2000 / 10:55 1	BSB73 CDE-BSB73-00 BZF69 08/30/2000 / 14:18 1.42	BSB73 CDE-BSB73-12 BZF70 08/30/2000 / 14:42 2.42	BSB74 CDE-BSB74-00 BZF91 09/07/2000 / 11:35 0.79
CONSTITUENT					
1,2-Dichloropropane	30	17 U	11 U	11 UJ	12 U
Bromodichloromethane	600	17 U	11 U	11 UJ	12 U
cis-1,3-Dichloropropene	4	17 U	11 U	11 UJ	12 U
4-Methyl-2-Pentanone	50000	17 U	11 UJ	3 J	12 U
Toluene	12000	2 J	11 U	4 J	12 U
trans-1,3-Dichloropropene	4	17 U	11 U	11 UJ	12 U
1,1,2-Trichloroethane	20	17 U	11 U	11 UJ	12 U
Tetrachloroethylene	60	17 U	11 U	11 UJ	12 U
2-Hexanone	--	17 U	11 UJ	11 UJ	12 U
Dibromochloromethane	400	17 U	11 U	11 UJ	12 U
1,2-Dibromoethane	--	17 U	11 U	11 UJ	12 U
Chlorobenzene	1000	17 U	11 U	11 UJ	12 U
Ethylbenzene	13000	17 U	11 U	11 UJ	12 U
Xylene (total)	67000	17 U	11 U	11 UJ	12 U
Styrene	4000	17 U	11 U	11 UJ	12 U
Bromoform	800	17 U	11 U	11 UJ	12 U
Isopropylbenzene	--	17 U	11 U	11 UJ	12 U
1,1,2,2-Tetrachloroethane	3	17 U	11 U	11 UJ	12 U
1,3-Dichlorobenzene	100000	17 U	11 U	11 UJ	12 U
1,4-Dichlorobenzene	2000	17 U	11 U	11 UJ	12 U
1,2-Dichlorobenzene	17000	17 U	11 U	11 UJ	12 U
1,2-Dibromo-3-chloropropane	--	17 U	11 U	11 UJ	12 U
1,2,4-Trichlorobenzene	5000	17 U	11 U	11 UJ	12 U
Total VOC TICs		R	8 J	32 J	U

301495

Notes:
All results are in ug/Kg.
Shading in [illegible] exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB74 CDE-BSB74-01 BZF92 Duplicate of CDE-BSB74-00	BSB74 CDE-BSB74-12 BZF93 09/07/2000 / 12:10 2.29	BSB76 CDE-BSB76-00 BZF90 09/07/2000 / 10:42 0.92	BSB77 CDE-BSB77-00 BZF89 09/07/2000 / 09:42 0.83
CONSTITUENT					
Dichlorodifluoromethane	--	11 U	10 U	11 U	10 U
Chloromethane	10000	11 U	10 U	11 U	10 U
Vinyl chloride	10	11 U	10 U	11 U	10 U
Bromomethane	200	11 U	10 U	11 U	10 U
Chloroethane	--	11 U	10 U	11 U	10 U
Trichlorofluoromethane	--	11 U	10 U	11 U	10 U
1,1-Dichloroethylene	60	11 U	10 U	11 U	10 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	11 U	10 U	11 U	10 U
Acetone	16000	11 U	10 U	32 U	14 U
Carbon disulfide	32000	11 U	10 U	11 U	10 U
Methyl acetate	--	11 U	10 U	11 U	10 U
Methylene chloride	20	11 U	10 U	11 U	10 U
trans-1,2-Dichloroethylene	700	11 U	10 U	11 U	10 U
Methyl tert-butyl ether	--	11 U	10 U	11 U	10 U
1,1-Dichloroethane	10000	11 U	10 U	11 U	10 U
cis-1,2-Dichloroethylene	400	11 U	10 U	4 J	1 J
2-Butanone	50000	11 U	10 U	7 J	10 U
Chloroform	300	11 U	1 J	11 U	10 U
1,1,1-Trichloroethane	2000	11 U	10 U	11 U	10 U
Cyclohexane	--	11 U	10 U	11 U	3 J
Carbon tetrachloride	70	11 U	10 U	11 U	10 U
Benzene	30	11 U	10 U	11 U	10 U
1,2-Dichloroethane	20	11 U	10 U	11 U	10 U
Trichloroethylene	60	45	59	11 U	3 J
Methylcyclohexane	--	11 U	10 U	11 U	8 J

301496

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-20
VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB74 CDE-BSB74-01 BZF92 Duplicate of CDE-BSB74-00	BSB74 CDE-BSB74-12 BZF93 09/07/2000 / 12:10 2.29	BSB76 CDE-BSB76-00 BZF90 09/07/2000 / 10:42 0.92	BSB77 CDE-BSB77-00 BZF89 09/07/2000 / 09:42 0.83
CONSTITUENT					
1,2-Dichloropropane	30	11 U	10 U	11 U	10 U
Bromodichloromethane	600	11 U	10 U	11 U	10 U
cis-1,3-Dichloropropene	4	11 U	10 U	11 U	10 U
4-Methyl-2-Pentanone	50000	11 U	10 U	11 U	10 U
Toluene	12000	11 U	10 U	11 U	10 U
trans-1,3-Dichloropropene	4	11 U	10 U	11 U	10 U
1,1,2-Trichloroethane	20	11 U	10 U	11 U	10 U
Tetrachloroethylene	60	11 U	10 U	11 U	10 U
2-Hexanone	--	11 U	10 U	11 U	10 U
Dibromochloromethane	400	11 U	10 U	11 U	10 U
1,2-Dibromoethane	--	11 U	10 U	11 U	10 U
Chlorobenzene	1000	11 U	10 U	11 U	10 U
Ethylbenzene	13000	11 U	10 U	11 U	10 U
Xylene (total)	67000	11 U	10 U	1 J	1 J
Styrene	4000	11 U	10 U	11 U	10 U
Bromoform	800	11 U	10 U	11 U	10 U
Isopropylbenzene	--	11 U	10 U	11 U	10 U
1,1,2,2-Tetrachloroethane	3	11 U	10 U	11 U	10 U
1,3-Dichlorobenzene	100000	11 U	10 U	11 U	10 U
1,4-Dichlorobenzene	2000	11 U	10 U	11 U	10 U
1,2-Dichlorobenzene	17000	11 U	10 U	3 J	10 U
1,2-Dibromo-3-chloropropane	--	11 U	10 U	11 U	10 U
1,2,4-Trichlorobenzene	5000	11 U	10 U	11 U	10 U
Total VOC TICs		R	6 J	51 NJ	26 J

301497

Notes:
All results are in ug/Kg.
Shading in [illegible] exceedance of criteria.

301498

TABL[illegible]-21

SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB01 CDE-BSB01-00 BZE72 08/14/2000 / 09:35 1.08	BSB02 CDE-BSB02-00 BZE73 08/14/2000 / 10:10 1.5	BSB03 CDE-BSB03-00 BZE75 08/14/2000 / 13:55 1.58	BSB03 CDE-BSB03-01 BZE76 Duplicate of CDE-BSB03-00
CONSTITUENT					
Benzaldehyde	--	1900 UJ	4100 UJ	410 UJ	410 UJ
Phenol	50000	1900 U	4100 U	410 U	410 U
Bis(2-chloroethyl)ether	0.4	1900 U	4100 U	410 U	410 U
2-Chlorophenol	4000	1900 U	4100 U	410 U	410 U
2-Methylphenol	15000	1900 U	4100 U	410 U	410 U
Bis(2-chloro-1-methylethyl) ether	10000	1900 U	4100 U	410 U	410 U
Acetophenone	--	1900 UJ	4100 UJ	410 UJ	410 UJ
4-Methylphenol	2800000	1900 U	4100 U	410 U	410 U
N-Nitroso-di-n-propylamine	0.05	1900 U	4100 U	410 U	410 U
Hexachloroethane	500	1900 U	4100 U	410 U	410 U
Nitrobenzene	100	1900 U	4100 U	410 U	410 U
Isophorone	500	1900 U	4100 U	410 U	410 U
2-Nitrophenol	--	1900 U	4100 U	410 U	410 U
2,4-Dimethylphenol	9000	1900 U	4100 U	410 U	410 U
Bis(2-chloroethoxy)methane	--	1900 U	4100 U	410 U	410 U
2,4-Dichlorophenol	1000	1900 U	4100 U	410 U	410 U
Naphthalene	84000	1900 U	670 J	410 U	410 U
4-Chloroaniline	700	1900 U	4100 U	410 U	410 U
Hexachlorobutadiene	1000	1900 U	4100 U	410 U	410 U
Caprolactam	--	1900 UJ	4100 UJ	410 UJ	410 UJ
4-Chloro-3-methylphenol	100000	1900 U	4100 U	410 U	410 U
2-Methylnaphthalene	--	1900 U	930 J	410 U	410 U

lotes:
ll results are in ug/Kg.
hading indicates exceedance.

301499

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB01 CDE-BSB01-00 BZE72 08/14/2000 / 09:35 1.08	BSB02 CDE-BSB02-00 BZE73 08/14/2000 / 10:10 1.5	BSB03 CDE-BSB03-00 BZE75 08/14/2000 / 13:55 1.58	BSB03 CDE-BSB03-01 BZE76 Duplicate of CDE-BSB03-00
CONSTITUENT					
Hexachlorocyclopentadiene	10000	1900 U	4100 U	410 U	410 U
2,4,6-Trichlorophenol	200	1900 U	4100 U	410 U	410 U
2,4,5-Trichlorophenol	50000	4700 U	10000 U	1000 U	1000 U
Biphenyl, 1,1-	--	1900 UJ	4100 U	410 U	410 U
2-Chloronaphthalene	--	1900 U	4100 U	410 U	410 U
2-Nitroaniline	--	4700 U	10000 U	1000 U	1000 U
Dimethyl phthalate	50000	1900 U	4100 U	410 U	410 U
2,6-Dinitrotoluene	0.7	1900 U	4100 U	410 U	410 U
Acenaphthylene	--	1900 U	4100 U	410 U	410 U
3-Nitroaniline	--	4700 U	10000 U	1000 U	1000 U
Acenaphthene	100000	1900 U	840 J	410 U	410 U
2,4-Dinitrophenol	200	4700 U	10000 U	1000 U	1000 U
4-Nitrophenol	--	4700 U	10000 U	1000 U	1000 U
Dibenzofuran	--	1900 U	890 J	410 U	410 U
2,4-Dinitrotoluene	0.8	1900 U	4100 U	410 U	410 U
Diethyl phthalate	50000	1900 U	4100 UJ	410 UJ	410 UJ
Fluorene	100000	1900 U	950 J	410 U	410 U
4-Chlorophenyl phenyl ether	--	1900 U	4100 U	410 U	410 U
4-Nitroaniline	--	4700 U	10000 U	1000 U	1000 U
4,6-Dinitro-2-methylphenol	--	4700 U	10000 U	1000 U	1000 U
N-Nitrosodiphenylamine	1000	1900 U	4100 U	410 U	410 U
Hexachlorobenzene	300	1900 U	4100 U	410 U	410 U

lotes:
ll results are in ug/Kg.
hading indicates [illegible]edance.

301500

TABL[illegible]21

SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB01 CDE-BSB01-00 BZE72 08/14/2000 / 09:35 1.08	BSB02 CDE-BSB02-00 BZE73 08/14/2000 / 10:10 1.5	BSB03 CDE-BSB03-00 BZE75 08/14/2000 / 13:55 1.58	BSB03 CDE-BSB03-01 BZE76 Duplicate of CDE-BSB03-00
CONSTITUENT					
Atrazine	--	1900 UJ	4100 UJ	410 UJ	410 UJ
Pentachlorophenol	30	4700 U	10000 U	1000 U	1000 U
Phenanthrene	--	450 J	13000	410 U	410 U
Anthracene	100000	1900 U	2700 J	410 U	410 U
Carbazole	600	1900 U	2000 J	410 U	410 U
Di-n-butyl phthalate	100000	1900 U	4100 U	410 U	410 U
Fluoranthene	100000	860 J	15000	410 U	410 U
Pyrene	100000	1900 UJ	8400	410 U	410 U
Butyl benzyl phthalate	100000	1900 UJ	4100 U	460	530
3,3'-Dichlorobenzidine	7	1900 UJ	4100 U	410 U	410 U
Benzo(a)anthracene	600	830 J	8700	410 U	410 U
Chrysene	9000	930 J	9100	410 U	410 U
bis(2-Ethylhexyl) phthalate	35000	1900 UJ	4100 U	410 U	410 U
Di-n-octyl phthalate	100000	1900 UJ	4100 U	410 U	410 U
Benzo(b)fluoranthene	600	1000 J	6700	410 U	410 U
Benzo(k)fluoranthene	900	1000 J	7800	410 U	410 U
Benzo(a)pyrene	60	330 J	2700 J	410 U	410 U
Indeno(1,2,3-cd)pyrene	600	340 J	1200 J	410 U	410 U
Dibenzo(a,h)anthracene	60	1900 UJ	810 J	410 U	410 U
Benzo(g,h,i)perylene	--	1900 UJ	4100 U	410 U	410 U
4-Bromophenyl-phenylether	--	1900 U	4100 U	410 U	410 U
Total SVOC TICs		183260 NJ	60390 NJ	48820 NJ	58695 NJ

Notes:
All results are in ug/Kg.
Shading indicates exceedance.

301501

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB05 CDE-BSB05-00 BZE84 08/15/2000 / 14:20 0.75	BSB06 CDE-BSB06-00 BZE85 08/15/2000 / 13:40 0.83	BSB07 CDE-BSB07-00 BZE86 08/15/2000 / 14:45 1.75	BSB08 CDE-BSB08-00 BZE74 08/14/2000 / 11:45 2.58
CONSTITUENT					
Benzaldehyde	--	770 UJ	390 UJ	380 UJ	960 UJ
Phenol	50000	770 U	R	380 U	960 U
Bis(2-chloroethyl)ether	0.4	770 U	390 U	380 U	960 U
2-Chlorophenol	4000	770 U	R	380 U	960 U
2-Methylphenol	15000	770 U	R	380 U	960 U
Bis(2-chloro-1-methylethyl) ether	10000	770 U	390 U	380 U	960 U
Acetophenone	--	770 UJ	390 UJ	380 UJ	960 UJ
4-Methylphenol	2800000	770 U	R	380 U	960 U
N-Nitroso-di-n-propylamine	0.05	770 U	390 U	380 U	960 U
Hexachloroethane	500	770 U	390 U	380 U	960 U
Nitrobenzene	100	770 U	390 U	380 U	960 U
Isophorone	500	770 U	390 U	380 U	960 U
2-Nitrophenol	--	770 U	R	380 U	960 U
2,4-Dimethylphenol	9000	770 U	R	380 U	960 U
Bis(2-chloroethoxy)methane	--	770 U	390 U	380 U	960 U
2,4-Dichlorophenol	1000	770 U	R	380 U	960 U
Naphthalene	84000	770 U	390 U	380 U	960 U
4-Chloroaniline	700	770 U	390 U	380 U	960 U
Hexachlorobutadiene	1000	770 U	390 U	380 U	960 U
Caprolactam	--	770 UJ	390 UJ	380 UJ	960 UJ
4-Chloro-3-methylphenol	100000	770 U	R	380 U	960 U
2-Methylnaphthalene	--	770 U	390 U	380 U	960 U

Notes:
All results are in ug/Kg.
Shading indicates exceedance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB05 CDE-BSB05-00 BZE84 08/15/2000 / 14:20 0.75	BSB06 CDE-BSB06-00 BZE85 08/15/2000 / 13:40 0.83	BSB07 CDE-BSB07-00 BZE86 08/15/2000 / 14:45 1.75	BSB08 CDE-BSB08-00 BZE74 08/14/2000 / 11:45 2.58
CONSTITUENT					
Hexachlorocyclopentadiene	10000	770 U	390 U	380 U	960 U
2,4,6-Trichlorophenol	200	770 U	R	380 U	960 U
2,4,5-Trichlorophenol	50000	1900 U	R	950 U	2400 U
Biphenyl, 1,1-	--	770 U	390 UJ	380 U	960 UJ
2-Chloronaphthalene	--	770 U	390 U	380 U	960 U
2-Nitroaniline	--	1900 U	970 U	950 U	2400 U
Dimethyl phthalate	50000	770 U	390 U	380 U	960 U
2,6-Dinitrotoluene	0.7	770 U	390 U	380 U	960 U
Acenaphthylene	--	770 U	390 U	380 U	960 U
3-Nitroaniline	--	1900 U	970 U	950 U	2400 U
Acenaphthene	100000	770 U	390 U	380 U	960 U
2,4-Dinitrophenol	200	1900 U	R	950 U	2400 U
4-Nitrophenol	--	1900 U	R	950 U	2400 U
Dibenzofuran	--	770 U	390 U	380 U	960 U
2,4-Dinitrotoluene	0.8	770 U	390 U	380 U	960 U
Diethyl phthalate	50000	770 UJ	390 U	380 UJ	960 U
Fluorene	100000	770 U	390 U	380 U	960 U
4-Chlorophenyl phenyl ether	--	770 U	390 U	380 U	960 U
4-Nitroaniline	--	1900 U	970 U	950 U	2400 U
4,6-Dinitro-2-methylphenol	--	1900 U	R	950 U	2400 U
N-Nitrosodiphenylamine	1000	770 U	390 U	380 U	960 U
Hexachlorobenzene	300	770 U	390 U	380 U	960 U

301502

otes:
ll results are in ug/Kg.
hading indicates exceedance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB05 CDE-BSB05-00 BZE84 08/15/2000 / 14:20 0.75	BSB06 CDE-BSB06-00 BZE85 08/15/2000 / 13:40 0.83	BSB07 CDE-BSB07-00 BZE86 08/15/2000 / 14:45 1.75	BSB08 CDE-BSB08-00 BZE74 08/14/2000 / 11:45 2.58
CONSTITUENT					
Atrazine	--	770 UJ	390 UJ	380 UJ	960 UJ
Pentachlorophenol	30	1900 U	R	950 U	2400 U
Phenanthrene	--	770 U	85 J	380 U	300 J
Anthracene	100000	770 U	390 U	380 U	960 U
Carbazole	600	770 U	390 U	380 U	960 U
Di-n-butyl phthalate	100000	81 J	390 U	380 U	960 U
Fluoranthene	100000	770 U	84 J	99 J	900 J
Pyrene	100000	770 U	390 U	380 U	490 J
Butyl benzyl phthalate	100000	770 U	390 U	380 U	960 U
3,3'-Dichlorobenzidine	7	770 U	390 U	380 U	960 U
Benzo(a)anthracene	600	770 U	390 U	78 J	560 J
Chrysene	9000	770 U	63 J	64 J	550 J
bis(2-Ethylhexyl) phthalate	35000	770 U	390 U	380 U	960 U
Di-n-octyl phthalate	100000	770 U	390 U	380 U	960 U
Benzo(b)fluoranthene	600	770 U	390 U	46 J	640 J
Benzo(k)fluoranthene	900	770 U	390 U	64 J	480 J
Benzo(a)pyrene	60	770 U	390 U	380 U	170 J
Indeno(1,2,3-cd)pyrene	600	770 U	390 UJ	380 U	960 UJ
Dibenzo(a,h)anthracene	60	770 U	390 UJ	380 U	960 UJ
Benzo(g,h,i)perylene	--	770 U	390 UJ	380 U	960 UJ
4-Bromophenyl-phenylether	--	770 U	390 U	380 U	960 U
Total SVOC TICs		1020 J	240 J	602 J	3360 NJ

301503

otes:
ll results are in ug/Kg.
hading indicates [illegible]edance.

TABL[illegible]-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB09 CDE-BSB09-00 BZE79 08/15/2000 / 09:25 1.67	BSB09 CDE-BSB09-12 BZE78 08/15/2000 / 09:47 2.67	BSB12 CDE-BSB12-00 BZF71 08/30/2000 / 15:22 0.71	BSB14 CDE-BSB14-00 BZE94 08/15/2000 / 10:45 0.88
CONSTITUENT					
Benzaldehyde	--	790 UJ	400 UJ	150 J	380 UJ
Phenol	50000	790 U	400 U	420 U	380 UJ
Bis(2-chloroethyl)ether	0.4	790 U	400 U	420 U	380 UJ
2-Chlorophenol	4000	790 U	400 U	420 U	380 UJ
2-Methylphenol	15000	790 U	400 U	420 U	380 UJ
Bis(2-chloro-1-methylethyl) ether	10000	790 U	400 U	420 U	380 UJ
Acetophenone	--	790 UJ	400 UJ	88 J	380 UJ
4-Methylphenol	2800000	790 U	400 U	420 U	380 UJ
N-Nitroso-di-n-propylamine	0.05	790 U	400 U	420 U	380 UJ
Hexachloroethane	500	790 U	400 U	420 U	380 UJ
Nitrobenzene	100	790 U	400 U	420 U	380 UJ
Isophorone	500	790 U	400 U	420 U	380 UJ
2-Nitrophenol	--	790 U	400 U	420 U	380 UJ
2,4-Dimethylphenol	9000	790 U	400 U	420 U	380 UJ
Bis(2-chloroethoxy)methane	--	790 U	400 U	420 U	380 UJ
2,4-Dichlorophenol	1000	790 U	400 U	420 U	380 UJ
Naphthalene	84000	790 U	400 U	440	380 UJ
4-Chloroaniline	700	790 U	400 U	420 U	380 UJ
Hexachlorobutadiene	1000	790 U	400 U	420 U	380 UJ
Caprolactam	--	790 UJ	400 UJ	420 U	380 UJ
4-Chloro-3-methylphenol	100000	790 U	400 U	420 U	380 UJ
2-Methylnaphthalene	--	790 U	400 U	820	380 UJ

otes:
ll results are in ug/Kg.
hading indicates exceedance.

301504

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB09 CDE-BSB09-00 BZE79 08/15/2000 / 09:25 1.67	BSB09 CDE-BSB09-12 BZE78 08/15/2000 / 09:47 2.67	BSB12 CDE-BSB12-00 BZF71 08/30/2000 / 15:22 0.71	BSB14 CDE-BSB14-00 BZE94 08/15/2000 / 10:45 0.88
CONSTITUENT					
Hexachlorocyclopentadiene	10000	790 U	400 U	420 U	380 UJ
2,4,6-Trichlorophenol	200	790 U	400 U	420 U	380 UJ
2,4,5-Trichlorophenol	50000	2000 U	1000 U	1100 U	950 UJ
Biphenyl, 1,1-	--	790 U	400 U	70 J	380 UJ
2-Chloronaphthalene	--	790 U	400 U	420 U	380 UJ
2-Nitroaniline	--	2000 U	1000 U	1100 U	950 UJ
Dimethyl phthalate	50000	790 U	400 U	420 U	380 UJ
2,6-Dinitrotoluene	0.7	790 U	400 U	420 U	380 UJ
Acenaphthylene	--	790 U	400 U	420 U	380 UJ
3-Nitroaniline	--	2000 U	1000 U	1100 U	950 UJ
Acenaphthene	100000	790 U	400 U	420 U	380 UJ
2,4-Dinitrophenol	200	2000 U	1000 U	1100 U	950 UJ
4-Nitrophenol	--	2000 U	1000 U	1100 U	950 UJ
Dibenzofuran	--	790 U	400 U	220 J	380 UJ
2,4-Dinitrotoluene	0.8	790 U	400 U	420 U	380 UJ
Diethyl phthalate	50000	790 UJ	400 UJ	420 U	380 UJ
Fluorene	100000	790 U	400 U	420 U	380 UJ
4-Chlorophenyl phenyl ether	--	790 U	400 U	420 U	380 UJ
4-Nitroaniline	--	2000 U	1000 U	1100 U	950 UJ
4,6-Dinitro-2-methylphenol	--	2000 U	1000 U	1100 U	950 UJ
N-Nitrosodiphenylamine	1000	790 U	400 U	420 U	380 UJ
Hexachlorobenzene	300	790 U	400 U	420 U	380 UJ

301505

lotes:
ll results are in ug/Kg.
hading indicates [illegible]edance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB09 CDE-BSB09-00 BZE79 08/15/2000 / 09:25 1.67	BSB09 CDE-BSB09-12 BZE78 08/15/2000 / 09:47 2.67	BSB12 CDE-BSB12-00 BZF71 08/30/2000 / 15:22 0.71	BSB14 CDE-BSB14-00 BZE94 08/15/2000 / 10:45 0.88
CONSTITUENT					
Atrazine	--	790 UJ	400 UJ	420 U	380 UJ
Pentachlorophenol	30	2000 U	1000 U	1100 U	950 UJ
Phenanthrene	--	790 U	400 U	930	380 UJ
Anthracene	100000	790 U	400 U	79 J	380 UJ
Carbazole	600	790 U	400 U	62 J	380 UJ
Di-n-butyl phthalate	100000	790 U	54 J	420 U	44 J
Fluoranthene	100000	790 U	400 U	400 J	380 UJ
Pyrene	100000	790 U	400 U	440	380 UJ
Butyl benzyl phthalate	100000	790 U	400 U	420 U	380 UJ
3,3'-Dichlorobenzidine	7	790 U	400 U	420 U	380 UJ
Benzo(a)anthracene	600	790 U	400 U	420 U	380 UJ
Chrysene	9000	790 U	400 U	420 U	380 UJ
bis(2-Ethylhexyl) phthalate	35000	790 U	400 U	420 U	380 UJ
Di-n-octyl phthalate	100000	790 U	400 U	420 U	380 UJ
Benzo(b)fluoranthene	600	790 U	400 U	420 U	380 UJ
Benzo(k)fluoranthene	900	790 U	400 U	420 U	380 UJ
Benzo(a)pyrene	60	790 U	400 U	420 U	380 UJ
Indeno(1,2,3-cd)pyrene	600	790 U	400 U	420 U	380 UJ
Dibenzo(a,h)anthracene	60	790 U	400 U	420 U	380 UJ
Benzo(g,h,i)perylene	--	790 U	400 U	420 U	380 UJ
4-Bromophenyl-phenylether	--	790 U	400 U	420 U	380 UJ
Total SVOC TICs		1290 J	1040 J	10000 NJ	400 J

301506

otes:
ll results are in ug/Kg.
hading indicates exceedance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB15 CDE-BSB15-00 BZE95 08/15/2000 / 09:25 1.25	BSB16 CDE-BSB16-00 BZE96 08/15/2000 / 09:48 0.67	BSB17 CDE-BSB17-00 BZF87 09/05/2000 / 16:06 1.29	BSB18 CDE-BSB18-00 BZF34 08/22/2000 / 10:45 1.42
CONSTITUENT					
Benzaldehyde	--	790 J	3700 UJ	390 UJ	390 U
Phenol	50000	3900 UJ	3700 UJ	390 UJ	390 U
Bis(2-chloroethyl)ether	0.4	3900 UJ	3700 UJ	390 UJ	390 U
2-Chlorophenol	4000	3900 UJ	3700 UJ	390 UJ	390 U
2-Methylphenol	15000	3900 UJ	3700 UJ	390 UJ	390 U
Bis(2-chloro-1-methylethyl) ether	10000	3900 UJ	3700 UJ	390 UJ	390 U
Acetophenone	--	3900 UJ	3700 UJ	390 UJ	390 U
4-Methylphenol	2800000	3900 UJ	3700 UJ	390 UJ	390 U
N-Nitroso-di-n-propylamine	0.05	3900 UJ	3700 UJ	390 UJ	390 U
Hexachloroethane	500	3900 UJ	3700 UJ	390 UJ	390 U
Nitrobenzene	100	3900 UJ	3700 UJ	390 UJ	390 U
Isophorone	500	3900 UJ	3700 UJ	390 UJ	390 U
2-Nitrophenol	--	3900 UJ	3700 UJ	390 UJ	390 U
2,4-Dimethylphenol	9000	3900 UJ	3700 UJ	390 UJ	390 U
Bis(2-chloroethoxy)methane	--	3900 UJ	3700 UJ	390 UJ	390 U
2,4-Dichlorophenol	1000	3900 UJ	3700 UJ	390 UJ	390 U
Naphthalene	84000	3900 UJ	3700 UJ	390 UJ	390 U
4-Chloroaniline	700	3900 UJ	3700 UJ	390 UJ	390 U
Hexachlorobutadiene	1000	3900 UJ	3700 UJ	390 UJ	390 U
Caprolactam	--	3900 UJ	3700 UJ	390 UJ	390 U
4-Chloro-3-methylphenol	100000	3900 UJ	3700 UJ	390 UJ	390 U
2-Methylnaphthalene	--	3900 UJ	3700 UJ	390 UJ	52 J

301507

Notes:
All results are in ug/Kg.
Shading indicates exceedance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB15 CDE-BSB15-00 BZE95 08/15/2000 / 09:25 1.25	BSB16 CDE-BSB16-00 BZE96 08/15/2000 / 09:48 0.67	BSB17 CDE-BSB17-00 BZF87 09/05/2000 / 16:06 1.29	BSB18 CDE-BSB18-00 BZF34 08/22/2000 / 10:45 1.42
CONSTITUENT					
Hexachlorocyclopentadiene	10000	3900 UJ	3700 UJ	390 UJ	390 U
2,4,6-Trichlorophenol	200	3900 UJ	3700 UJ	390 UJ	390 U
2,4,5-Trichlorophenol	50000	9900 UJ	9300 UJ	980 UJ	980 U
Biphenyl, 1,1-	--	3900 UJ	3700 UJ	390 UJ	390 U
2-Chloronaphthalene	--	3900 UJ	3700 UJ	390 UJ	390 U
2-Nitroaniline	--	9900 UJ	9300 UJ	980 UJ	980 U
Dimethyl phthalate	50000	9200 J	3700 UJ	390 UJ	390 U
2,6-Dinitrotoluene	0.7	3900 UJ	3700 UJ	390 UJ	390 U
Acenaphthylene	--	3900 UJ	3700 UJ	390 UJ	390 U
3-Nitroaniline	--	9900 UJ	9300 UJ	980 UJ	980 U
Acenaphthene	100000	3900 UJ	3700 UJ	390 UJ	390 U
2,4-Dinitrophenol	200	9900 UJ	9300 UJ	980 UJ	980 UJ
4-Nitrophenol	--	9900 UJ	9300 UJ	980 UJ	980 U
Dibenzofuran	--	3900 UJ	3700 UJ	390 UJ	390 U
2,4-Dinitrotoluene	0.8	3900 UJ	3700 UJ	390 UJ	390 U
Diethyl phthalate	50000	3900 UJ	3700 UJ	390 UJ	390 U
Fluorene	100000	3900 UJ	3700 UJ	390 UJ	390 U
4-Chlorophenyl phenyl ether	--	3900 UJ	3700 UJ	390 UJ	390 U
4-Nitroaniline	--	9900 UJ	9300 UJ	980 UJ	980 U
4,6-Dinitro-2-methylphenol	--	9900 UJ	9300 UJ	980 UJ	980 U
N-Nitrosodiphenylamine	1000	3900 UJ	3700 UJ	390 UJ	390 U
Hexachlorobenzene	300	3900 UJ	3700 UJ	390 UJ	390 U

301508

Notes:
All results are in ug/Kg.
Shading indicates exceedance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB15 CDE-BSB15-00 BZE95 08/15/2000 / 09:25 1.25	BSB16 CDE-BSB16-00 BZE96 08/15/2000 / 09:48 0.67	BSB17 CDE-BSB17-00 BZF87 09/05/2000 / 16:06 1.29	BSB18 CDE-BSB18-00 BZF34 08/22/2000 / 10:45 1.42
CONSTITUENT					
Atrazine	--	3900 UJ	3700 UJ	390 UJ	390 U
Pentachlorophenol	30	9900 UJ	9300 UJ	980 UJ	980 UJ
Phenanthrene	--	970 J	1400 J	390 UJ	110 J
Anthracene	100000	3900 UJ	3700 UJ	390 UJ	390 U
Carbazole	600	3900 UJ	3700 UJ	390 UJ	390 U
Di-n-butyl phthalate	100000	3900 UJ	3700 UJ	390 UJ	390 U
Fluoranthene	100000	1700 J	2800 J	390 UJ	390 U
Pyrene	100000	760 J	1500 J	390 UJ	390 U
Butyl benzyl phthalate	100000	950 J	3700 UJ	390 UJ	390 U
3,3'-Dichlorobenzidine	7	3900 UJ	3700 UJ	390 UJ	390 U
Benzo(a)anthracene	600	1000 J	1700 J	390 UJ	210 J
Chrysene	9000	1000 J	1900 J	390 UJ	390 U
bis(2-Ethylhexyl) phthalate	35000	3900 UJ	3700 UJ	41 J	390 U
Di-n-octyl phthalate	100000	3900 UJ	3700 UJ	390 UJ	390 U
Benzo(b)fluoranthene	600	1200 J	2200 J	390 UJ	390 U
Benzo(k)fluoranthene	900	1100 J	2500 J	390 UJ	390 U
Benzo(a)pyrene	60	3900 UJ	800 J	390 UJ	390 U
Indeno(1,2,3-cd)pyrene	600	3900 UJ	890 J	390 UJ	390 U
Dibenzo(a,h)anthracene	60	3900 UJ	730 J	390 UJ	390 U
Benzo(g,h,i)perylene	--	3900 UJ	3700 UJ	390 UJ	390 U
4-Bromophenyl-phenylether	--	3900 UJ	3700 UJ	390 UJ	390 U
Total SVOC TICs		26890 NJ	4070 NJ	R	179600 J

301509

Notes:
All results are in ug/Kg.
Shading indicates exceedance.

TABL[illegible]-21

SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB18 CDE-BSB18-12 BZF35 08/22/2000 / 11:16 2.33	BSB19 CDE-BSB19-00 BZE98 08/16/2000 / 15:00 2.08	BSB20 CDE-BSB20-00 BZE59 08/11/2000 / 08:23 0.5	BSB20 CDE-BSB20-12 BZE60 08/11/2000 / 09:18 1.5
CONSTITUENT					
Benzaldehyde	--	390 U	380 UJ	360 U	350 U
Phenol	50000	390 U	380 U	360 U	350 U
Bis(2-chloroethyl)ether	0.4	390 U	380 U	360 U	350 U
2-Chlorophenol	4000	390 U	380 U	360 U	350 U
2-Methylphenol	15000	390 U	380 U	360 U	350 U
Bis(2-chloro-1-methylethyl) ether	10000	390 U	380 U	360 U	350 U
Acetophenone	--	390 U	380 U	360 U	350 U
4-Methylphenol	2800000	390 U	380 U	360 U	350 U
N-Nitroso-di-n-propylamine	0.05	390 U	380 U	360 U	350 U
Hexachloroethane	500	390 U	380 U	360 U	350 U
Nitrobenzene	100	390 U	380 U	360 U	350 U
Isophorone	500	390 U	380 U	360 U	350 U
2-Nitrophenol	--	390 U	380 U	360 U	350 U
2,4-Dimethylphenol	9000	390 U	380 U	360 U	350 U
Bis(2-chloroethoxy)methane	--	390 U	380 U	360 U	350 U
2,4-Dichlorophenol	1000	390 U	380 U	360 U	350 U
Naphthalene	84000	390 U	380 U	37 J	350 U
4-Chloroaniline	700	390 U	380 U	360 U	350 U
Hexachlorobutadiene	1000	390 U	380 U	360 U	350 U
Caprolactam	--	390 U	380 U	360 U	350 U
4-Chloro-3-methylphenol	100000	390 U	380 U	360 U	350 U
2-Methylnaphthalene	--	390 U	380 U	360 U	350 U

301510

lotes:
ll results are in ug/Kg.
hading indicates exceedance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB18 CDE-BSB18-12 BZF35 08/22/2000 / 11:16 2.33	BSB19 CDE-BSB19-00 BZE98 08/16/2000 / 15:00 2.08	BSB20 CDE-BSB20-00 BZE59 08/11/2000 / 08:23 0.5	BSB20 CDE-BSB20-12 BZE60 08/11/2000 / 09:18 1.5
CONSTITUENT					
Hexachlorocyclopentadiene	10000	390 U	380 U	360 U	350 U
2,4,6-Trichlorophenol	200	390 U	380 U	360 U	350 U
2,4,5-Trichlorophenol	50000	990 U	940 U	900 U	880 U
Biphenyl, 1,1-	--	390 U	380 UJ	360 U	350 U
2-Chloronaphthalene	--	390 U	380 U	360 U	350 U
2-Nitroaniline	--	990 U	940 U	900 U	880 U
Dimethyl phthalate	50000	390 U	380 U	360 U	350 U
2,6-Dinitrotoluene	0.7	390 U	380 U	360 U	350 U
Acenaphthylene	--	390 U	380 U	230 J	130 J
3-Nitroaniline	--	990 U	940 U	900 U	880 U
Acenaphthene	100000	390 U	380 U	52 J	350 U
2,4-Dinitrophenol	200	990 UJ	940 UJ	900 U	880 U
4-Nitrophenol	--	990 U	940 U	900 U	880 U
Dibenzofuran	--	390 U	380 U	360 U	350 U
2,4-Dinitrotoluene	0.8	390 U	380 U	360 U	350 U
Diethyl phthalate	50000	390 U	380 U	360 U	350 U
Fluorene	100000	390 U	380 U	39 J	350 U
4-Chlorophenyl phenyl ether	--	390 U	380 U	360 U	350 U
4-Nitroaniline	--	990 U	940 U	900 U	880 U
4,6-Dinitro-2-methylphenol	--	990 U	940 U	900 U	880 U
N-Nitrosodiphenylamine	1000	390 U	380 U	360 U	350 U
Hexachlorobenzene	300	390 U	380 U	360 U	350 U

301511

lotes:
ll results are in ug/Kg.
hading indicates [illegible]edance.

TABL[illegible]-21

SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB18 CDE-BSB18-12 BZF35 08/22/2000 / 11:16 2.33	BSB19 CDE-BSB19-00 BZE98 08/16/2000 / 15:00 2.08	BSB20 CDE-BSB20-00 BZE59 08/11/2000 / 08:23 0.5	BSB20 CDE-BSB20-12 BZE60 08/11/2000 / 09:18 1.5
CONSTITUENT					
Atrazine	--	390 U	380 U	360 U	350 U
Pentachlorophenol	30	990 UJ	940 U	900 U	880 U
Phenanthrene	--	390 U	52 J	380	300 J
Anthracene	100000	390 U	380 U	230 J	150 J
Carbazole	600	390 U	380 U	360 U	350 U
Di-n-butyl phthalate	100000	390 U	46 J	360 U	350 U
Fluoranthene	100000	390 U	45 J	1300	820
Pyrene	100000	390 U	67 J	1500	850
Butyl benzyl phthalate	100000	390 U	380 U	360 U	350 U
3,3'-Dichlorobenzidine	7	390 U	380 U	360 U	350 U
Benzo(a)anthracene	600	190 J	380 U	970	510
Chrysene	9000	390 U	42 J	1100	590
bis(2-Ethylhexyl) phthalate	35000	390 U	380 U	360 U	350 U
Di-n-octyl phthalate	100000	390 U	380 U	360 U	350 U
Benzo(b)fluoranthene	600	390 U	380 U	1500	820
Benzo(k)fluoranthene	900	390 U	380 U	550	290 J
Benzo(a)pyrene	60	390 U	380 U	1100	570
Indeno(1,2,3-cd)pyrene	600	390 U	380 U	790	450
Dibenzo(a,h)anthracene	60	390 U	380 U	210 J	110 J
Benzo(g,h,i)perylene	--	390 U	380 U	780	420
4-Bromophenyl-phenylether	--	390 U	380 U	360 U	350 U
Total SVOC TICs		162710 NJ	1102 NJ	6866 NJ	4770 NJ

301512

lotes:
ll results are in ug/Kg.
hading indicates exceedance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB21 CDE-BSB21-00 BZF99 09/08/2000 / 11:10 1.58	BSB22 CDE-BSB22-00 BZF94 09/07/2000 / 15:42 1.5	BSB22 CDE-BSB22-12 BZF95 09/07/2000 / 16:03 2.42	BSB24 CDE-BSB24-00 BZF03 08/17/2000 / 08:15 1.13
CONSTITUENT					
Benzaldehyde	--	340 U	380 U	410 U	3600 UJ
Phenol	50000	340 U	380 U	410 U	3600 U
Bis(2-chloroethyl)ether	0.4	340 U	380 U	410 U	3600 U
2-Chlorophenol	4000	340 U	380 U	410 U	3600 U
2-Methylphenol	15000	340 U	380 U	410 U	3600 U
Bis(2-chloro-1-methylethyl) ether	10000	340 U	380 U	410 U	3600 U
Acetophenone	--	340 U	380 U	410 U	3600 U
4-Methylphenol	2800000	340 U	380 U	410 U	3600 U
N-Nitroso-di-n-propylamine	0.05	340 U	380 U	410 U	3600 U
Hexachloroethane	500	340 U	380 U	410 U	3600 U
Nitrobenzene	100	340 U	380 U	410 U	3600 U
Isophorone	500	340 U	380 U	410 U	3600 U
2-Nitrophenol	--	340 U	380 U	410 U	3600 U
2,4-Dimethylphenol	9000	340 U	380 U	410 U	3600 U
Bis(2-chloroethoxy)methane	--	340 U	380 U	410 U	3600 U
2,4-Dichlorophenol	1000	340 U	380 U	410 U	3600 U
Naphthalene	84000	340 U	380 U	410 U	3600 U
4-Chloroaniline	700	340 U	380 U	410 U	3600 U
Hexachlorobutadiene	1000	340 U	380 U	410 U	3600 U
Caprolactam	--	340 U	380 U	410 U	3600 U
4-Chloro-3-methylphenol	100000	340 U	380 U	410 U	3600 U
2-Methylnaphthalene	--	340 U	380 U	410 U	3600 U

301513

lotes:
ll results are in ug/Kg.
hading indicates exceedance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB21 CDE-BSB21-00 BZF99 09/08/2000 / 11:10 1.58	BSB22 CDE-BSB22-00 BZF94 09/07/2000 / 15:42 1.5	BSB22 CDE-BSB22-12 BZF95 09/07/2000 / 16:03 2.42	BSB24 CDE-BSB24-00 BZF03 08/17/2000 / 08:15 1.13
CONSTITUENT					
Hexachlorocyclopentadiene	10000	340 U	380 U	410 UJ	3600 U
2,4,6-Trichlorophenol	200	340 U	380 U	410 U	3600 U
2,4,5-Trichlorophenol	50000	860 U	970 U	1000 U	9000 U
Biphenyl, 1,1-	--	340 U	380 U	410 U	3600 UJ
2-Chloronaphthalene	--	340 U	380 U	410 U	3600 U
2-Nitroaniline	--	860 U	970 U	1000 U	9000 U
Dimethyl phthalate	50000	770	380 U	410 U	4700
2,6-Dinitrotoluene	0.7	340 U	380 U	410 U	3600 U
Acenaphthylene	--	340 U	380 U	410 U	3600 U
3-Nitroaniline	--	860 U	970 U	1000 U	9000 U
Acenaphthene	100000	340 U	380 U	410 U	3600 U
2,4-Dinitrophenol	200	860 UJ	970 UJ	1000 UJ	9000 UJ
4-Nitrophenol	--	860 U	970 U	1000 U	9000 U
Dibenzofuran	--	340 U	380 U	410 U	3600 U
2,4-Dinitrotoluene	0.8	340 U	380 U	410 U	3600 U
Diethyl phthalate	50000	340 U	380 U	410 U	3600 U
Fluorene	100000	340 U	380 U	410 U	3600 U
4-Chlorophenyl phenyl ether	--	340 U	380 U	410 U	3600 U
4-Nitroaniline	--	860 U	970 U	1000 U	9000 U
4,6-Dinitro-2-methylphenol	--	860 U	970 U	1000 U	9000 U
N-Nitrosodiphenylamine	1000	340 U	380 U	410 U	3600 U
Hexachlorobenzene	300	340 U	380 U	410 U	3600 U

301514

lotes:
.ll results are in ug/Kg.
·hading indicates exceedance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB21 CDE-BSB21-00 BZF99 09/08/2000 / 11:10 1.58	BSB22 CDE-BSB22-00 BZF94 09/07/2000 / 15:42 1.5	BSB22 CDE-BSB22-12 BZF95 09/07/2000 / 16:03 2.42	BSB24 CDE-BSB24-00 BZF03 08/17/2000 / 08:15 1.13
CONSTITUENT					
Atrazine	--	340 U	380 U	410 U	3600 U
Pentachlorophenol	30	860 U	970 U	1000 U	9000 U
Phenanthrene	--	340 U	70 J	410 U	630 J
Anthracene	100000	340 U	380 U	410 U	3600 U
Carbazole	600	340 U	380 U	410 U	3600 U
Di-n-butyl phthalate	100000	130 J	380 U	410 U	3600 U
Fluoranthene	100000	58 J	240 J	410 U	1500 J
Pyrene	100000	59 J	210 J	410 U	1500 J
Butyl benzyl phthalate	100000	340 U	380 U	410 U	3600 U
3,3'-Dichlorobenzidine	7	340 U	380 U	410 U	3600 U
Benzo(a)anthracene	600	44 J	100 J	410 U	1200 J
Chrysene	9000	120 J	140 J	410 U	1700 J
bis(2-Ethylhexyl) phthalate	35000	250 J	48 J	42 J	3600 U
Di-n-octyl phthalate	100000	340 U	380 U	410 U	3600 U
Benzo(b)fluoranthene	600	120 J	170 J	410 U	2900 J
Benzo(k)fluoranthene	900	42 J	59 J	410 U	3400 J
Benzo(a)pyrene	60	43 J	100 J	410 U	2700 J
Indeno(1,2,3-cd)pyrene	600	54 J	89 J	410 U	1900 J
Dibenzo(a,h)anthracene	60	340 U	380 U	410 U	790 J
Benzo(g,h,i)perylene	--	58 J	75 J	410 U	1400 J
4-Bromophenyl-phenylether	--	340 U	380 U	410 U	3600 U
Total SVOC TICs		376 NJ	R	R	321900 NJ

301515

otes:
ll results are in ug/Kg.
hading indicates exceedance.

TAB[illegible]21

SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB26 CDE-BSB26-00 BZE61 08/11/2000 / 09:50 1	BSB26 CDE-BSB26-12 BZE62 08/11/2000 / 10:30 1.33	BSB27 CDE-BSB27-00 BZF67 08/30/2000 / 11:40 1.42	BSB27 CDE-BSB27-12 BZF68 08/30/2000 / 11:57 2.33
CONSTITUENT					
Benzaldehyde	--	370 U	370 UJ	380 U	380 U
Phenol	50000	370 U	56 J	380 U	380 U
Bis(2-chloroethyl)ether	0.4	370 U	370 UJ	380 U	380 U
2-Chlorophenol	4000	370 U	370 UJ	380 U	380 U
2-Methylphenol	15000	370 U	370 UJ	380 U	380 U
Bis(2-chloro-1-methylethyl) ether	10000	370 U	370 UJ	380 U	380 U
Acetophenone	--	370 U	370 UJ	380 U	380 U
4-Methylphenol	2800000	370 U	370 UJ	380 U	380 U
N-Nitroso-di-n-propylamine	0.05	370 U	370 UJ	380 U	380 U
Hexachloroethane	500	370 U	370 UJ	380 U	380 U
Nitrobenzene	100	370 U	370 UJ	380 U	380 U
Isophorone	500	370 U	370 UJ	380 U	380 U
2-Nitrophenol	--	370 U	370 UJ	380 U	380 U
2,4-Dimethylphenol	9000	370 U	370 UJ	380 U	380 U
Bis(2-chloroethoxy)methane	--	370 U	370 UJ	380 U	380 U
2,4-Dichlorophenol	1000	370 U	370 UJ	380 U	380 U
Naphthalene	84000	460	310 J	45 J	380 U
4-Chloroaniline	700	370 U	370 UJ	380 U	380 U
Hexachlorobutadiene	1000	370 U	370 UJ	380 U	380 U
Caprolactam	--	370 U	370 UJ	380 U	380 U
4-Chloro-3-methylphenol	100000	370 U	370 UJ	380 U	380 U
2-Methylnaphthalene	--	210 J	120 J	380 U	380 U

301516

otes:
ll results are in ug/Kg.
hading indicates exceedance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB26 CDE-BSB26-00 BZE61 08/11/2000 / 09:50 1	BSB26 CDE-BSB26-12 BZE62 08/11/2000 / 10:30 1.33	BSB27 CDE-BSB27-00 BZF67 08/30/2000 / 11:40 1.42	BSB27 CDE-BSB27-12 BZF68 08/30/2000 / 11:57 2.33
CONSTITUENT					
Hexachlorocyclopentadiene	10000	370 U	370 UJ	380 U	380 U
2,4,6-Trichlorophenol	200	370 U	370 UJ	380 U	380 U
2,4,5-Trichlorophenol	50000	930 U	940 UJ	950 U	950 U
Biphenyl, 1,1-	--	80 J	50 J	380 U	380 U
2-Chloronaphthalene	--	370 U	370 UJ	380 U	380 U
2-Nitroaniline	--	930 U	940 UJ	950 U	950 U
Dimethyl phthalate	50000	370 U	370 UJ	380 U	380 U
2,6-Dinitrotoluene	0.7	370 U	370 UJ	380 U	380 U
Acenaphthylene	--	410	150 J	380 U	380 U
3-Nitroaniline	--	930 U	940 UJ	950 U	950 U
Acenaphthene	100000	570	310 J	380 U	100 J
2,4-Dinitrophenol	200	930 UJ	940 UJ	950 U	950 U
4-Nitrophenol	--	930 U	940 UJ	950 U	950 U
Dibenzofuran	--	550	310 J	380 U	54 J
2,4-Dinitrotoluene	0.8	370 U	370 UJ	380 U	380 U
Diethyl phthalate	50000	370 U	370 UJ	380 U	380 U
Fluorene	100000	620	360 J	380 U	79 J
4-Chlorophenyl phenyl ether	--	370 U	370 UJ	380 U	380 U
4-Nitroaniline	--	930 U	940 UJ	950 U	950 U
4,6-Dinitro-2-methylphenol	--	930 U	940 UJ	950 U	950 U
N-Nitrosodiphenylamine	1000	370 U	370 UJ	380 U	380 U
Hexachlorobenzene	300	370 U	370 UJ	380 U	380 U

301517

otes:
ll results are in ug/Kg.
hading indicates [illegible]edance.

TAB. 21

SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB26 CDE-BSB26-00 BZE61 08/11/2000 / 09:50 1	BSB26 CDE-BSB26-12 BZE62 08/11/2000 / 10:30 1.33	BSB27 CDE-BSB27-00 BZF67 08/30/2000 / 11:40 1.42	BSB27 CDE-BSB27-12 BZF68 08/30/2000 / 11:57 2.33
CONSTITUENT					
Atrazine	--	370 U	370 UJ	380 U	380 U
Pentachlorophenol	30	930 U	940 UJ	950 U	950 U
Phenanthrene	--	7800 D	3700 DJ	290 J	1000
Anthracene	100000	1600	860 J	41 J	190 J
Carbazole	600	930	410 J	380 U	87 J
Di-n-butyl phthalate	100000	370 U	370 UJ	380 U	380 U
Fluoranthene	100000	8500 D	3500 DJ	290 J	1100
Pyrene	100000	7500 D	3000 DJ	250 J	910
Butyl benzyl phthalate	100000	370 U	370 UJ	380 U	380 U
3,3'-Dichlorobenzidine	7	370 U	370 UJ	380 U	380 U
Benzo(a)anthracene	600	3100 D	1400 J	380 U	420
Chrysene	9000	3500 D	1400 J	380 U	440
bis(2-Ethylhexyl) phthalate	35000	370 U	420 UJ	380 U	380 U
Di-n-octyl phthalate	100000	370 U	370 UJ	380 U	380 U
Benzo(b)fluoranthene	600	4000 D	1600 J	380 U	480
Benzo(k)fluoranthene	900	1600	670 J	380 U	180 J
Benzo(a)pyrene	60	2800 D	1300 J	380 U	360 J
Indeno(1,2,3-cd)pyrene	600	370 U	760 J	380 U	380 U
Dibenzo(a,h)anthracene	60	490	190 J	380 U	58 J
Benzo(g,h,i)perylene	--	2200	880 J	380 U	230 J
4-Bromophenyl-phenylether	--	370 U	370 UJ	380 U	380 U
Total SVOC TICs		12099 NJ	6851 NJ	700 J	632 J

301518

otes:
ll results are in ug/Kg.
hading indicates exceedance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB28 CDE-BSB28-00 BZF42 08/23/2000 / 13:44 1.42	BSB28 CDE-BSB28-12 BZF43 08/23/2000 / 14:22 1.92	BSB29 CDE-BSB29-00 BZE63 08/11/2000 / 11:04 1	BSB29 CDE-BSB29-12 BZE64 08/11/2000 / 11:23 1.5
CONSTITUENT					
Benzaldehyde	--	380 U	380 U	370 U	360 U
Phenol	50000	380 U	380 U	370 U	360 U
Bis(2-chloroethyl)ether	0.4	380 U	380 U	370 U	360 U
2-Chlorophenol	4000	380 U	380 U	370 U	360 U
2-Methylphenol	15000	380 U	380 U	370 U	360 U
Bis(2-chloro-1-methylethyl) ether	10000	380 U	380 U	370 U	360 U
Acetophenone	--	380 U	380 U	370 U	360 U
4-Methylphenol	2800000	380 U	380 U	370 U	360 U
N-Nitroso-di-n-propylamine	0.05	380 U	380 U	370 U	360 U
Hexachloroethane	500	380 U	380 U	370 U	360 U
Nitrobenzene	100	380 U	380 U	370 U	360 U
Isophorone	500	380 U	380 U	370 U	360 U
2-Nitrophenol	--	380 U	380 U	370 U	360 U
2,4-Dimethylphenol	9000	380 U	380 U	370 U	360 U
Bis(2-chloroethoxy)methane	--	380 U	380 U	370 U	360 U
2,4-Dichlorophenol	1000	380 U	380 U	370 U	360 U
Naphthalene	84000	380 U	380 U	56 J	530
4-Chloroaniline	700	380 U	380 U	370 U	360 U
Hexachlorobutadiene	1000	380 U	380 U	370 U	360 U
Caprolactam	--	380 U	380 U	370 U	360 U
4-Chloro-3-methylphenol	100000	380 U	380 U	370 U	360 U
2-Methylnaphthalene	--	380 U	380 U	370 U	240 J

301519

otes:
l results are in ug/Kg.
ading indicates [illegible]edance.

TABLE 3-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB28 CDE-BSB28-00 BZF42 08/23/2000 / 13:44 1.42	BSB28 CDE-BSB28-12 BZF43 08/23/2000 / 14:22 1.92	BSB29 CDE-BSB29-00 BZE63 08/11/2000 / 11:04 1	BSB29 CDE-BSB29-12 BZE64 08/11/2000 / 11:23 1.5
CONSTITUENT					
Hexachlorocyclopentadiene	10000	380 U	380 U	370 U	360 U
2,4,6-Trichlorophenol	200	380 U	380 U	370 U	360 U
2,4,5-Trichlorophenol	50000	950 U	950 U	930 U	910 U
Biphenyl, 1,1-	--	380 U	380 U	370 U	88 J
2-Chloronaphthalene	--	380 U	380 U	370 U	360 U
2-Nitroaniline	--	950 U	950 U	930 U	910 U
Dimethyl phthalate	50000	380 U	380 U	370 U	360 U
2,6-Dinitrotoluene	0.7	380 U	380 U	370 U	360 U
Acenaphthylene	--	380 U	380 U	260 J	500
3-Nitroaniline	--	950 U	950 U	930 U	910 U
Acenaphthene	100000	380 U	380 U	110 J	770
2,4-Dinitrophenol	200	950 UJ	950 UJ	930 UJ	910 UJ
4-Nitrophenol	--	950 U	950 U	930 U	910 U
Dibenzofuran	--	380 U	380 U	70 J	640
2,4-Dinitrotoluene	0.8	380 U	380 U	370 U	360 U
Diethyl phthalate	50000	380 U	380 U	370 U	360 U
Fluorene	100000	380 U	380 U	94 J	700
4-Chlorophenyl phenyl ether	--	380 U	380 U	370 U	360 U
4-Nitroaniline	--	950 U	950 U	930 U	910 U
4,6-Dinitro-2-methylphenol	--	950 UJ	950 UJ	930 U	910 U
N-Nitrosodiphenylamine	1000	380 U	380 U	370 U	360 U
Hexachlorobenzene	300	380 U	380 U	370 U	360 U

301520

lotes:
ll results are in ug/Kg.
hading indicates exceedance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB28 CDE-BSB28-00 BZF42 08/23/2000 / 13:44 1.42	BSB28 CDE-BSB28-12 BZF43 08/23/2000 / 14:22 1.92	BSB29 CDE-BSB29-00 BZE63 08/11/2000 / 11:04 1	BSB29 CDE-BSB29-12 BZE64 08/11/2000 / 11:23 1.5
CONSTITUENT					
Atrazine	--	380 U	380 U	370 U	360 U
Pentachlorophenol	30	950 U	950 U	930 U	910 U
Phenanthrene	--	200 J	380 U	1300	8700 D
Anthracene	100000	380 U	380 U	420	2200
Carbazole	600	380 U	380 U	170 J	1100
Di-n-butyl phthalate	100000	380 U	380 U	370 U	360 U
Fluoranthene	100000	300 J	380 U	2100	8800 D
Pyrene	100000	440	380 U	2100	8200 D
Butyl benzyl phthalate	100000	380 U	380 U	370 U	360 U
3,3'-Dichlorobenzidine	7	380 U	380 U	370 U	360 U
Benzo(a)anthracene	600	200 J	380 U	1100	3600 D
Chrysene	9000	210 J	380 U	1300	3900 D
bis(2-Ethylhexyl) phthalate	35000	1300	380 U	370 U	360 U
Di-n-octyl phthalate	100000	380 U	380 U	370 U	360 U
Benzo(b)fluoranthene	600	310 J	380 U	1700	4000 D
Benzo(k)fluoranthene	900	300 J	380 U	630	1800
Benzo(a)pyrene	60	170 J	380 U	1200	3100 D
Indeno(1,2,3-cd)pyrene	600	140 J	380 U	970	360 U
Dibenzo(a,h)anthracene	60	380 U	380 U	240 J	620
Benzo(g,h,i)perylene	--	110 J	380 U	1100	2800
4-Bromophenyl-phenylether	--	380 U	380 U	370 U	360 U
Total SVOC TICs		2490 NJ	79 J	19271 NJ	16469 NJ

301521

lotes:
ll results are in ug/Kg.
hading indicates [illegible]edance.

TABL[illegible]-21

SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB30 CDE-BSB30-00 BZF36 08/22/2000 / 14:49 1.58	BSB30 CDE-BSB30-12 BZF37 08/22/2000 / 15:34 2.58	BSB31 CDE-BSB31-00 BZF22 08/21/2000 / 14:47 1.83	BSB31 CDE-BSB31-12 BZF23 08/21/2000 / 15:18 2.67
CONSTITUENT					
Benzaldehyde	--	380 U	380 U	390 UJ	380 UJ
Phenol	50000	380 U	380 U	390 UJ	380 UJ
Bis(2-chloroethyl)ether	0.4	380 U	380 U	390 UJ	380 UJ
2-Chlorophenol	4000	380 U	380 U	390 UJ	380 UJ
2-Methylphenol	15000	380 U	380 U	390 UJ	380 UJ
Bis(2-chloro-1-methylethyl) ether	10000	380 U	380 U	390 UJ	380 UJ
Acetophenone	--	380 U	380 U	390 UJ	380 UJ
4-Methylphenol	2800000	380 U	380 U	390 UJ	380 UJ
N-Nitroso-di-n-propylamine	0.05	380 U	380 U	390 UJ	380 UJ
Hexachloroethane	500	380 U	380 U	390 UJ	380 UJ
Nitrobenzene	100	380 U	380 U	390 UJ	380 UJ
Isophorone	500	380 U	380 U	390 UJ	380 UJ
2-Nitrophenol	--	380 U	380 U	390 UJ	380 UJ
2,4-Dimethylphenol	9000	380 U	380 U	390 UJ	380 UJ
Bis(2-chloroethoxy)methane	--	380 U	380 U	390 UJ	380 UJ
2,4-Dichlorophenol	1000	380 U	380 U	390 UJ	380 UJ
Naphthalene	84000	380 U	380 U	390 UJ	380 UJ
4-Chloroaniline	700	380 U	380 U	390 UJ	380 UJ
Hexachlorobutadiene	1000	380 U	380 U	390 UJ	380 UJ
Caprolactam	--	380 U	380 U	390 UJ	380 UJ
4-Chloro-3-methylphenol	100000	380 U	380 U	390 UJ	380 UJ
2-Methylnaphthalene	--	380 U	380 U	390 UJ	380 UJ

301522

otes:
ll results are in ug/Kg.
hading indicates exceedance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB30 CDE-BSB30-00 BZF36 08/22/2000 / 14:49 1.58	BSB30 CDE-BSB30-12 BZF37 08/22/2000 / 15:34 2.58	BSB31 CDE-BSB31-00 BZF22 08/21/2000 / 14:47 1.83	BSB31 CDE-BSB31-12 BZF23 08/21/2000 / 15:18 2.67
CONSTITUENT					
Hexachlorocyclopentadiene	10000	380 U	380 U	390 UJ	380 UJ
2,4,6-Trichlorophenol	200	380 U	380 U	390 UJ	380 UJ
2,4,5-Trichlorophenol	50000	940 U	970 U	990 UJ	950 UJ
Biphenyl, 1,1-	--	380 U	380 U	390 UJ	380 UJ
2-Chloronaphthalene	--	380 U	380 U	390 UJ	380 UJ
2-Nitroaniline	--	940 U	970 U	990 UJ	950 UJ
Dimethyl phthalate	50000	380 U	380 U	390 UJ	380 UJ
2,6-Dinitrotoluene	0.7	380 U	380 U	390 UJ	380 UJ
Acenaphthylene	--	380 U	380 U	390 UJ	380 UJ
3-Nitroaniline	--	940 U	970 U	990 UJ	950 UJ
Acenaphthene	100000	380 U	380 U	390 UJ	380 UJ
2,4-Dinitrophenol	200	940 UJ	970 UJ	990 UJ	950 UJ
4-Nitrophenol	--	940 U	970 U	990 UJ	950 UJ
Dibenzofuran	--	380 U	380 U	390 UJ	380 UJ
2,4-Dinitrotoluene	0.8	380 U	380 U	390 UJ	380 UJ
Diethyl phthalate	50000	380 U	380 U	390 UJ	380 UJ
Fluorene	100000	380 U	380 U	390 UJ	380 UJ
4-Chlorophenyl phenyl ether	--	380 U	380 U	390 UJ	380 UJ
4-Nitroaniline	--	940 U	970 U	990 UJ	950 UJ
4,6-Dinitro-2-methylphenol	--	940 U	970 U	990 UJ	950 UJ
N-Nitrosodiphenylamine	1000	380 U	380 U	390 UJ	380 UJ
Hexachlorobenzene	300	380 U	380 U	390 UJ	380 UJ

301523

'otes:
ll results are in ug/Kg.
hading indicates r[illegible]edance.

TABL[illegible]-21

SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB30 CDE-BSB30-00 BZF36 08/22/2000 / 14:49 1.58	BSB30 CDE-BSB30-12 BZF37 08/22/2000 / 15:34 2.58	BSB31 CDE-BSB31-00 BZF22 08/21/2000 / 14:47 1.83	BSB31 CDE-BSB31-12 BZF23 08/21/2000 / 15:18 2.67
CONSTITUENT					
Atrazine	--	380 U	380 U	390 UJ	380 UJ
Pentachlorophenol	30	940 UJ	970 UJ	990 UJ	950 UJ
Phenanthrene	--	380 U	380 U	390 UJ	380 UJ
Anthracene	100000	380 U	380 U	390 UJ	380 UJ
Carbazole	600	380 U	380 U	390 UJ	380 UJ
Di-n-butyl phthalate	100000	380 U	380 U	390 UJ	380 UJ
Fluoranthene	100000	380 U	380 U	390 UJ	380 UJ
Pyrene	100000	380 U	380 U	390 UJ	380 UJ
Butyl benzyl phthalate	100000	380 U	380 U	390 UJ	380 UJ
3,3'-Dichlorobenzidine	7	380 U	380 U	390 UJ	380 UJ
Benzo(a)anthracene	600	380 U	380 U	390 UJ	380 UJ
Chrysene	9000	380 U	380 U	390 UJ	380 UJ
bis(2-Ethylhexyl) phthalate	35000	140 J	380 U	390 UJ	380 UJ
Di-n-octyl phthalate	100000	380 U	380 U	390 UJ	380 UJ
Benzo(b)fluoranthene	600	380 U	380 U	390 UJ	380 UJ
Benzo(k)fluoranthene	900	380 U	380 U	390 UJ	380 UJ
Benzo(a)pyrene	60	380 U	380 U	390 UJ	380 UJ
Indeno(1,2,3-cd)pyrene	600	380 U	380 U	390 UJ	380 UJ
Dibenzo(a,h)anthracene	60	380 U	380 U	390 UJ	380 UJ
Benzo(g,h,i)perylene	--	380 U	380 U	390 UJ	380 UJ
4-Bromophenyl-phenylether	--	380 U	380 U	390 UJ	380 UJ
Total SVOC TICs		1764 NJ	566 NJ	568 NJ	99 J

301524

lotes:
ll results are in ug/Kg.
hading indicates exceedance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB33 CDE-BSB33-00 BZF85 09/05/2000 / 14:01 1.67	BSB33 CDE-BSB33-12 BZF86 09/05/2000 / 14:26 2.42	BSB34 CDE-BSB34-00 BZF73 09/01/2000 / 13:30 2.42	BSB34 CDE-BSB34-12 BZF74 09/01/2000 / 13:48 2.75
CONSTITUENT					
Benzaldehyde	--	370 UJ	390 UJ	380 U	NA
Phenol	50000	370 UJ	390 UJ	380 U	NA
Bis(2-chloroethyl)ether	0.4	370 UJ	390 UJ	380 U	NA
2-Chlorophenol	4000	370 UJ	390 UJ	380 U	NA
2-Methylphenol	15000	370 UJ	390 UJ	380 U	NA
Bis(2-chloro-1-methylethyl) ether	10000	370 UJ	390 UJ	380 U	NA
Acetophenone	--	370 UJ	390 UJ	380 U	NA
4-Methylphenol	2800000	370 UJ	390 UJ	380 U	NA
N-Nitroso-di-n-propylamine	0.05	370 UJ	390 UJ	380 U	NA
Hexachloroethane	500	370 UJ	390 UJ	380 U	NA
Nitrobenzene	100	370 UJ	390 UJ	380 U	NA
Isophorone	500	370 UJ	390 UJ	380 U	NA
2-Nitrophenol	--	370 UJ	390 UJ	380 U	NA
2,4-Dimethylphenol	9000	370 UJ	390 UJ	380 U	NA
Bis(2-chloroethoxy)methane	--	370 UJ	390 UJ	380 U	NA
2,4-Dichlorophenol	1000	370 UJ	390 UJ	380 U	NA
Naphthalene	84000	370 UJ	390 UJ	380 U	NA
4-Chloroaniline	700	370 UJ	390 UJ	380 U	NA
Hexachlorobutadiene	1000	370 UJ	390 UJ	380 U	NA
Caprolactam	--	370 UJ	390 UJ	380 U	NA
4-Chloro-3-methylphenol	100000	370 UJ	390 UJ	380 U	NA
2-Methylnaphthalene	--	370 UJ	390 UJ	43 J	NA

otes:
ll results are in ug/Kg.
hading indicates exceedance.

301525

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB33 CDE-BSB33-00 BZF85 09/05/2000 / 14:01 1.67	BSB33 CDE-BSB33-12 BZF86 09/05/2000 / 14:26 2.42	BSB34 CDE-BSB34-00 BZF73 09/01/2000 / 13:30 2.42	BSB34 CDE-BSB34-12 BZF74 09/01/2000 / 13:48 2.75
CONSTITUENT					
Hexachlorocyclopentadiene	10000	370 UJ	390 UJ	380 U	NA
2,4,6-Trichlorophenol	200	370 UJ	390 UJ	380 U	NA
2,4,5-Trichlorophenol	50000	920 UJ	970 UJ	960 U	NA
Biphenyl, 1,1-	--	370 UJ	390 UJ	380 U	NA
2-Chloronaphthalene	--	370 UJ	390 UJ	380 U	NA
2-Nitroaniline	--	920 UJ	970 UJ	960 U	NA
Dimethyl phthalate	50000	370 UJ	390 UJ	380 U	NA
2,6-Dinitrotoluene	0.7	370 UJ	390 UJ	380 U	NA
Acenaphthylene	--	370 UJ	390 UJ	380 U	NA
3-Nitroaniline	--	920 UJ	970 UJ	960 U	NA
Acenaphthene	100000	370 UJ	390 UJ	380 U	NA
2,4-Dinitrophenol	200	920 UJ	970 UJ	960 U	NA
4-Nitrophenol	--	920 UJ	970 UJ	960 U	NA
Dibenzofuran	--	370 UJ	390 UJ	380 U	NA
2,4-Dinitrotoluene	0.8	370 UJ	390 UJ	380 U	NA
Diethyl phthalate	50000	370 UJ	390 UJ	380 U	NA
Fluorene	100000	370 UJ	390 UJ	380 U	NA
4-Chlorophenyl phenyl ether	--	370 UJ	390 UJ	380 U	NA
4-Nitroaniline	--	920 UJ	970 UJ	960 U	NA
4,6-Dinitro-2-methylphenol	--	920 UJ	970 UJ	960 U	NA
N-Nitrosodiphenylamine	1000	370 UJ	390 UJ	380 U	NA
Hexachlorobenzene	300	370 UJ	390 UJ	380 U	NA

301526

lotes:
ll results are in ug/Kg.
hading indicates exceedance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB33 CDE-BSB33-00 BZF85 09/05/2000 / 14:01 1.67	BSB33 CDE-BSB33-12 BZF86 09/05/2000 / 14:26 2.42	BSB34 CDE-BSB34-00 BZF73 09/01/2000 / 13:30 2.42	BSB34 CDE-BSB34-12 BZF74 09/01/2000 / 13:48 2.75
CONSTITUENT					
Atrazine	--	370 UJ	390 UJ	380 U	NA
Pentachlorophenol	30	920 UJ	970 UJ	960 U	NA
Phenanthrene	--	370 UJ	390 UJ	380 U	NA
Anthracene	100000	370 UJ	390 UJ	380 U	NA
Carbazole	600	370 UJ	390 UJ	380 U	NA
Di-n-butyl phthalate	100000	370 UJ	390 UJ	380 U	NA
Fluoranthene	100000	370 UJ	390 UJ	380 U	NA
Pyrene	100000	370 UJ	390 UJ	380 U	NA
Butyl benzyl phthalate	100000	370 UJ	390 UJ	380 U	NA
3,3'-Dichlorobenzidine	7	370 UJ	390 UJ	380 U	NA
Benzo(a)anthracene	600	370 UJ	390 UJ	380 U	NA
Chrysene	9000	370 UJ	390 UJ	380 U	NA
bis(2-Ethylhexyl) phthalate	35000	370 UJ	41 J	380 U	NA
Di-n-octyl phthalate	100000	370 UJ	390 UJ	380 U	NA
Benzo(b)fluoranthene	600	370 UJ	390 UJ	380 U	NA
Benzo(k)fluoranthene	900	370 UJ	390 UJ	380 U	NA
Benzo(a)pyrene	60	370 UJ	390 UJ	380 U	NA
Indeno(1,2,3-cd)pyrene	600	370 UJ	390 UJ	380 U	NA
Dibenzo(a,h)anthracene	60	370 UJ	390 UJ	380 U	NA
Benzo(g,h,i)perylene	--	370 UJ	390 UJ	380 U	NA
4-Bromophenyl-phenylether	--	370 UJ	390 UJ	380 U	NA
Total SVOC TICs		180 NJ	R	165 J	NA

301527

lotes:
ll results are in ug/Kg.
hading indicates [illegible]edance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB35 CDE-BSB35-00 BZE77 08/14/2000 / 14:37 1.17	BSB36 CDE-BSB36-00 BZF40 08/23/2000 / 11:00 1	BSB36 CDE-BSB36-12 BZF41 08/23/2000 / 11:36 1.75	BSB37 CDE-BSB37-00 BZF21 08/21/2000 / 09:43 0.75
CONSTITUENT					
Benzaldehyde	--	390 UJ	380 U	390 U	390 UJ
Phenol	50000	390 U	380 U	390 U	390 UJ
Bis(2-chloroethyl)ether	0.4	390 U	380 U	390 U	390 UJ
2-Chlorophenol	4000	390 U	380 U	390 U	390 UJ
2-Methylphenol	15000	390 U	380 U	390 U	390 UJ
Bis(2-chloro-1-methylethyl) ether	10000	390 U	380 U	390 U	390 UJ
Acetophenone	--	390 UJ	380 U	390 U	390 UJ
4-Methylphenol	2800000	390 U	380 U	390 U	390 UJ
N-Nitroso-di-n-propylamine	0.05	390 U	380 U	390 U	390 UJ
Hexachloroethane	500	390 U	380 U	390 U	390 UJ
Nitrobenzene	100	390 U	380 U	390 U	390 UJ
Isophorone	500	390 U	380 U	390 U	390 UJ
2-Nitrophenol	--	390 U	380 U	390 U	390 UJ
2,4-Dimethylphenol	9000	390 U	380 U	390 U	390 UJ
Bis(2-chloroethoxy)methane	--	390 U	380 U	390 U	390 UJ
2,4-Dichlorophenol	1000	390 U	380 U	390 U	390 UJ
Naphthalene	84000	390 U	62 J	390 U	390 UJ
4-Chloroaniline	700	390 U	380 U	390 U	390 UJ
Hexachlorobutadiene	1000	390 U	380 U	390 U	390 UJ
Caprolactam	--	390 UJ	380 U	390 U	390 UJ
4-Chloro-3-methylphenol	100000	390 U	380 U	390 U	390 UJ
2-Methylnaphthalene	--	390 U	110 J	65 J	390 UJ

301528

otes:
ll results are in ug/Kg.
hading indicates exceedance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB35 CDE-BSB35-00 BZE77 08/14/2000 / 14:37 1.17	BSB36 CDE-BSB36-00 BZF40 08/23/2000 / 11:00 1	BSB36 CDE-BSB36-12 BZF41 08/23/2000 / 11:36 1.75	BSB37 CDE-BSB37-00 BZF21 08/21/2000 / 09:43 0.75
CONSTITUENT					
Hexachlorocyclopentadiene	10000	390 U	380 U	390 U	390 UJ
2,4,6-Trichlorophenol	200	390 U	380 U	390 U	390 UJ
2,4,5-Trichlorophenol	50000	980 U	950 U	980 U	990 UJ
Biphenyl, 1,1-	--	390 U	380 U	390 U	390 UJ
2-Chloronaphthalene	--	390 U	380 U	390 U	390 UJ
2-Nitroaniline	--	980 U	950 U	980 U	990 UJ
Dimethyl phthalate	50000	390 U	380 U	390 U	390 UJ
2,6-Dinitrotoluene	0.7	390 U	380 U	390 U	390 UJ
Acenaphthylene	--	390 U	380 U	390 U	390 UJ
3-Nitroaniline	--	980 U	950 U	980 U	990 UJ
Acenaphthene	100000	390 U	380 U	390 U	390 UJ
2,4-Dinitrophenol	200	980 U	950 UJ	980 UJ	990 UJ
4-Nitrophenol	--	980 U	950 U	980 U	990 UJ
Dibenzofuran	--	390 U	380 U	390 U	390 UJ
2,4-Dinitrotoluene	0.8	390 U	380 U	390 U	390 UJ
Diethyl phthalate	50000	390 UJ	380 U	390 U	390 UJ
Fluorene	100000	390 U	380 U	390 U	390 UJ
4-Chlorophenyl phenyl ether	--	390 U	380 U	390 U	390 UJ
4-Nitroaniline	--	980 U	950 U	980 U	990 UJ
4,6-Dinitro-2-methylphenol	--	980 U	950 UJ	980 UJ	990 UJ
N-Nitrosodiphenylamine	1000	390 U	380 U	390 U	390 UJ
Hexachlorobenzene	300	390 U	380 U	390 U	390 UJ

301529

lotes:
ll results are in ug/Kg.
hading indicates [illegible]edance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB35 CDE-BSB35-00 BZE77 08/14/2000 / 14:37 1.17	BSB36 CDE-BSB36-00 BZF40 08/23/2000 / 11:00 1	BSB36 CDE-BSB36-12 BZF41 08/23/2000 / 11:36 1.75	BSB37 CDE-BSB37-00 BZF21 08/21/2000 / 09:43 0.75
CONSTITUENT					
Atrazine	--	390 UJ	380 U	390 U	390 UJ
Pentachlorophenol	30	980 U	950 U	980 U	990 UJ
Phenanthrene	--	49 J	130 J	86 J	100 J
Anthracene	100000	390 U	380 U	390 U	390 UJ
Carbazole	600	390 U	380 U	390 U	390 UJ
Di-n-butyl phthalate	100000	49 J	380 U	390 U	390 UJ
Fluoranthene	100000	190 J	71 J	52 J	250 J
Pyrene	100000	120 J	84 J	62 J	210 J
Butyl benzyl phthalate	100000	390 U	380 U	390 U	390 UJ
3,3'-Dichlorobenzidine	7	390 U	380 U	390 U	390 UJ
Benzo(a)anthracene	600	130 J	55 J	48 J	110 J
Chrysene	9000	140 J	93 J	65 J	140 J
bis(2-Ethylhexyl) phthalate	35000	390 U	48 J	390 U	390 UJ
Di-n-octyl phthalate	100000	390 U	380 U	390 U	390 UJ
Benzo(b)fluoranthene	600	110 J	79 J	63 J	120 J
Benzo(k)fluoranthene	900	130 J	71 J	390 U	170 J
Benzo(a)pyrene	60	390 U	70 J	48 J	120 J
Indeno(1,2,3-cd)pyrene	600	390 U	51 J	390 U	89 J
Dibenzo(a,h)anthracene	60	390 U	380 U	390 U	42 J
Benzo(g,h,i)perylene	--	390 U	51 J	390 U	69 J
4-Bromophenyl-phenylether	--	390 U	380 U	390 U	390 UJ
Total SVOC TICs		6153 NJ	7880 NJ	6030 J	2080 NJ

otes:
ll results are in ug/Kg.
hading indicates exceedance.

301530

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB39 CDE-BSB39-00 BZE80 08/15/2000 / 08:20 1.83	BSB39 CDE-BSB39-12 BZE81 08/15/2000 / 08:55 2.83	BSB40 CDE-BSB40-00 BZF62 08/29/2000 / 14:43 0.67	BSB41 CDE-BSB41A-00 BZF64 08/30/2000 / 08:39 0.54
CONSTITUENT					
Benzaldehyde	--	1900 UJ	1900 UJ	420 U	520 U
Phenol	50000	1900 U	1900 U	420 U	520 U
Bis(2-chloroethyl)ether	0.4	1900 U	1900 U	420 U	520 U
2-Chlorophenol	4000	1900 U	1900 U	420 U	520 U
2-Methylphenol	15000	1900 U	1900 U	420 U	520 U
Bis(2-chloro-1-methylethyl) ether	10000	1900 U	1900 U	420 U	520 U
Acetophenone	--	1900 UJ	1900 UJ	420 U	520 U
4-Methylphenol	2800000	1900 U	1900 U	420 U	520 U
N-Nitroso-di-n-propylamine	0.05	1900 U	1900 U	420 U	520 U
Hexachloroethane	500	1900 U	1900 U	420 U	520 U
Nitrobenzene	100	1900 U	1900 U	420 U	520 U
Isophorone	500	1900 U	1900 U	420 U	520 U
2-Nitrophenol	--	1900 U	1900 U	420 U	520 U
2,4-Dimethylphenol	9000	1900 U	1900 U	420 U	520 U
Bis(2-chloroethoxy)methane	--	1900 U	1900 U	420 U	520 U
2,4-Dichlorophenol	1000	1900 U	1900 U	420 U	520 U
Naphthalene	84000	1900 U	1900 U	420 U	520 U
4-Chloroaniline	700	1900 U	1900 U	420 U	520 U
Hexachlorobutadiene	1000	1900 U	1900 U	420 U	520 U
Caprolactam	--	1900 UJ	1900 UJ	420 U	520 U
4-Chloro-3-methylphenol	100000	1900 U	1900 U	420 U	520 U
2-Methylnaphthalene	--	1900 U	1900 U	420 U	520 U

301531

lotes:
ll results are in ug/Kg.
hading indicates [illegible]edance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB39 CDE-BSB39-00 BZE80 08/15/2000 / 08:20 1.83	BSB39 CDE-BSB39-12 BZE81 08/15/2000 / 08:55 2.83	BSB40 CDE-BSB40-00 BZF62 08/29/2000 / 14:43 0.67	BSB41 CDE-BSB41A-00 BZF64 08/30/2000 / 08:39 0.54
CONSTITUENT					
Hexachlorocyclopentadiene	10000	1900 U	1900 U	420 U	520 U
2,4,6-Trichlorophenol	200	1900 U	1900 U	420 U	520 U
2,4,5-Trichlorophenol	50000	4800 U	4800 U	1100 U	1300 U
Biphenyl, 1,1-	--	1900 U	1900 U	420 U	520 U
2-Chloronaphthalene	--	1900 U	1900 U	420 U	520 U
2-Nitroaniline	--	4800 U	4800 U	1100 U	1300 U
Dimethyl phthalate	50000	1900 U	1900 U	420 U	520 U
2,6-Dinitrotoluene	0.7	1900 U	1900 U	420 U	520 U
Acenaphthylene	--	1900 U	1900 U	420 U	520 U
3-Nitroaniline	--	4800 U	4800 U	1100 U	1300 U
Acenaphthene	100000	1900 U	1900 U	420 U	520 U
2,4-Dinitrophenol	200	4800 U	4800 U	1100 U	1300 U
4-Nitrophenol	--	4800 U	4800 U	1100 U	1300 U
Dibenzofuran	--	1900 U	1900 U	420 U	520 U
2,4-Dinitrotoluene	0.8	1900 U	1900 U	420 U	520 U
Diethyl phthalate	50000	1900 UJ	1900 UJ	420 U	520 U
Fluorene	100000	1900 U	1900 U	420 U	520 U
4-Chlorophenyl phenyl ether	--	1900 U	1900 U	420 U	520 U
4-Nitroaniline	--	4800 U	4800 U	1100 U	1300 U
4,6-Dinitro-2-methylphenol	--	4800 U	4800 U	1100 U	1300 U
N-Nitrosodiphenylamine	1000	1900 U	1900 U	420 U	520 U
Hexachlorobenzene	300	1900 U	1900 U	420 U	520 U

301532

lotes:
ll results are in ug/Kg.
hading indicates exceedance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB39 CDE-BSB39-00 BZE80 08/15/2000 / 08:20 1.83	BSB39 CDE-BSB39-12 BZE81 08/15/2000 / 08:55 2.83	BSB40 CDE-BSB40-00 BZF62 08/29/2000 / 14:43 0.67	BSB41 CDE-BSB41A-00 BZF64 08/30/2000 / 08:39 0.54
CONSTITUENT					
Atrazine	--	1900 UJ	1900 UJ	420 U	520 U
Pentachlorophenol	30	4800 U	4800 U	1100 U	1300 U
Phenanthrene	--	1900 U	280 J	160 J	520 U
Anthracene	100000	1900 U	1900 U	420 U	520 U
Carbazole	600	1900 U	1900 U	420 U	520 U
Di-n-butyl phthalate	100000	1900 U	1900 U	420 U	520 U
Fluoranthene	100000	1900 U	220 J	220 J	63 J
Pyrene	100000	1900 U	1900 U	170 J	61 J
Butyl benzyl phthalate	100000	1900 U	1900 U	420 U	520 U
3,3'-Dichlorobenzidine	7	1900 U	1900 U	420 U	520 U
Benzo(a)anthracene	600	1900 U	1900 U	97 J	520 U
Chrysene	9000	1900 U	200 J	99 J	520 U
bis(2-Ethylhexyl) phthalate	35000	1900 U	1900 U	420 U	520 U
Di-n-octyl phthalate	100000	1900 U	1900 U	420 U	520 U
Benzo(b)fluoranthene	600	1900 U	1900 U	120 J	61 J
Benzo(k)fluoranthene	900	1900 U	1900 U	420 U	520 U
Benzo(a)pyrene	60	1900 U	1900 U	81 J	520 U
Indeno(1,2,3-cd)pyrene	600	1900 U	1900 U	57 J	520 U
Dibenzo(a,h)anthracene	60	1900 U	1900 U	420 U	520 U
Benzo(g,h,i)perylene	--	1900 U	1900 U	57 J	520 U
4-Bromophenyl-phenylether	--	1900 U	1900 U	420 U	520 U
Total SVOC TICs		12620 NJ	23090 NJ	R	12333 NJ

301533

otes:
ll results are in ug/Kg.
hading indicates [illegible]edance.

TABLE C-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB41 CDE-BSB41-00 BZF65 08/30/2000 / 09:45 1.38	BSB41 CDE-BSB41-12 BZF66 08/30/2000 / 10:15 1.71	BSB42 CDE-BSB42-00 BZF97 09/08/2000 / 09:25 1.17	BSB43 CDE-BSB43-00 BZF15 08/18/2000 / 11:45 1.25
CONSTITUENT					
Benzaldehyde	--	380 U	370 U	390 U	3900 UJ
Phenol	50000	380 U	370 U	390 U	3900 U
Bis(2-chloroethyl)ether	0.4	380 U	370 U	390 U	3900 U
2-Chlorophenol	4000	380 U	370 U	390 U	3900 U
2-Methylphenol	15000	380 U	370 U	390 U	3900 U
Bis(2-chloro-1-methylethyl) ether	10000	380 U	370 U	390 U	3900 U
Acetophenone	--	380 U	370 U	390 U	3900 UJ
4-Methylphenol	2800000	380 U	370 U	390 U	3900 U
N-Nitroso-di-n-propylamine	0.05	380 U	370 U	390 U	3900 U
Hexachloroethane	500	380 U	370 U	390 U	3900 U
Nitrobenzene	100	380 U	370 U	390 U	3900 U
Isophorone	500	380 U	370 U	390 U	3900 U
2-Nitrophenol	--	380 U	370 U	390 U	3900 U
2,4-Dimethylphenol	9000	380 U	370 U	390 U	3900 U
Bis(2-chloroethoxy)methane	--	380 U	370 U	390 U	3900 U
2,4-Dichlorophenol	1000	380 U	370 U	390 U	3900 U
Naphthalene	84000	380 U	370 U	390 U	3900 U
4-Chloroaniline	700	380 U	370 U	390 U	3900 U
Hexachlorobutadiene	1000	380 U	370 U	390 U	3900 U
Caprolactam	--	380 U	370 U	390 U	3900 UJ
4-Chloro-3-methylphenol	100000	380 U	370 U	390 U	3900 U
2-Methylnaphthalene	--	380 U	370 U	390 U	520 J

301534

lotes:
ll results are in ug/Kg.
hading indicates exceedance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB41 CDE-BSB41-00 BZF65 08/30/2000 / 09:45 1.38	BSB41 CDE-BSB41-12 BZF66 08/30/2000 / 10:15 1.71	BSB42 CDE-BSB42-00 BZF97 09/08/2000 / 09:25 1.17	BSB43 CDE-BSB43-00 BZF15 08/18/2000 / 11:45 1.25
CONSTITUENT					
Hexachlorocyclopentadiene	10000	380 U	370 U	390 UJ	3900 U
2,4,6-Trichlorophenol	200	380 U	370 U	390 U	3900 U
2,4,5-Trichlorophenol	50000	950 U	940 U	970 U	9900 U
Biphenyl, 1,1-	--	380 U	370 U	390 U	3900 UJ
2-Chloronaphthalene	--	380 U	370 U	390 U	3900 U
2-Nitroaniline	--	950 U	940 U	970 U	9900 U
Dimethyl phthalate	50000	380 U	370 U	390 U	3900 U
2,6-Dinitrotoluene	0.7	380 U	370 U	390 U	3900 U
Acenaphthylene	--	380 U	370 U	390 U	3900 U
3-Nitroaniline	--	950 U	940 U	970 U	9900 U
Acenaphthene	100000	380 U	370 U	390 U	690 J
2,4-Dinitrophenol	200	950 U	940 U	970 UJ	9900 U
4-Nitrophenol	--	950 U	940 U	970 U	9900 U
Dibenzofuran	--	380 U	370 U	390 U	470 J
2,4-Dinitrotoluene	0.8	380 U	370 U	390 U	3900 U
Diethyl phthalate	50000	380 U	370 U	390 U	3900 U
Fluorene	100000	380 U	370 U	390 U	580 J
4-Chlorophenyl phenyl ether	--	380 U	370 U	390 U	3900 U
4-Nitroaniline	--	950 U	940 U	970 U	9900 U
4,6-Dinitro-2-methylphenol	--	950 U	940 U	970 U	9900 U
N-Nitrosodiphenylamine	1000	380 U	370 U	390 U	3900 U
Hexachlorobenzene	300	380 U	370 U	390 U	3900 U

301535

Notes:
All results are in ug/Kg.
Shading indicates [illegible]edance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB41 CDE-BSB41-00 BZF65 08/30/2000 / 09:45 1.38	BSB41 CDE-BSB41-12 BZF66 08/30/2000 / 10:15 1.71	BSB42 CDE-BSB42-00 BZF97 09/08/2000 / 09:25 1.17	BSB43 CDE-BSB43-00 BZF15 08/18/2000 / 11:45 1.25
CONSTITUENT					
Atrazine	--	380 U	370 U	390 U	3900 UJ
Pentachlorophenol	30	950 U	940 U	970 U	9900 U
Phenanthrene	--	46 J	370 U	390 U	5800
Anthracene	100000	380 U	370 U	390 U	1300 J
Carbazole	600	380 U	370 U	390 U	490 J
Di-n-butyl phthalate	100000	380 U	370 U	390 U	3900 U
Fluoranthene	100000	54 J	370 U	390 U	6100
Pyrene	100000	43 J	370 U	390 U	5400
Butyl benzyl phthalate	100000	380 U	370 U	390 U	3900 U
3,3'-Dichlorobenzidine	7	380 U	370 U	390 U	3900 U
Benzo(a)anthracene	600	380 U	370 U	390 U	2700 J
Chrysene	9000	380 U	370 U	390 U	3000 J
bis(2-Ethylhexyl) phthalate	35000	380 U	370 U	81 J	3900 U
Di-n-octyl phthalate	100000	380 U	370 U	390 U	3900 U
Benzo(b)fluoranthene	600	380 U	370 U	390 U	2200 J
Benzo(k)fluoranthene	900	380 U	370 U	390 U	2200 J
Benzo(a)pyrene	60	380 U	370 U	390 U	2300 J
Indeno(1,2,3-cd)pyrene	600	380 U	370 U	390 U	1200 J
Dibenzo(a,h)anthracene	60	380 U	370 U	390 U	480 J
Benzo(g,h,i)perylene	--	380 U	370 U	390 U	1000 J
4-Bromophenyl-phenylether	--	380 U	370 U	390 U	3900 U
Total SVOC TICs		35050 NJ	6408 NJ	R	84390 NJ

301536

lotes:
ll results are in ug/Kg.
hading indicates exceedance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB43 CDE-BSB43-12 BZF16 08/18/2000 / 12:30 2.33	BSB43 CDE-BSB43-13 BZF17 Duplicate of CDE-BSB43-12	BSB44 CDE-BSB44-00 BZF20 08/21/2000 / 08:55 0.83	BSB45 CDE-BSB45-00 BZE97 08/15/2000 / 10:16 1.08
CONSTITUENT					
Benzaldehyde	--	390 UJ	400 UJ	380 UJ	410 UJ
Phenol	50000	390 U	400 U	380 UJ	410 UJ
Bis(2-chloroethyl)ether	0.4	390 U	400 U	380 UJ	410 UJ
2-Chlorophenol	4000	390 U	400 U	380 UJ	410 UJ
2-Methylphenol	15000	390 U	400 U	380 UJ	410 UJ
Bis(2-chloro-1-methylethyl) ether	10000	390 U	400 U	380 UJ	410 UJ
Acetophenone	--	390 UJ	400 UJ	380 UJ	410 UJ
4-Methylphenol	2800000	390 U	400 U	380 UJ	410 UJ
N-Nitroso-di-n-propylamine	0.05	390 U	400 U	380 UJ	410 UJ
Hexachloroethane	500	390 U	400 U	380 UJ	410 UJ
Nitrobenzene	100	390 U	400 U	380 UJ	410 UJ
Isophorone	500	390 U	400 U	380 UJ	410 UJ
2-Nitrophenol	--	390 U	400 U	380 UJ	410 UJ
2,4-Dimethylphenol	9000	390 U	400 U	380 UJ	410 UJ
Bis(2-chloroethoxy)methane	--	390 U	400 U	380 UJ	410 UJ
2,4-Dichlorophenol	1000	390 U	400 U	380 UJ	410 UJ
Naphthalene	84000	390 U	400 U	380 UJ	410 UJ
4-Chloroaniline	700	390 U	400 U	380 UJ	410 UJ
Hexachlorobutadiene	1000	390 U	400 U	380 UJ	410 UJ
Caprolactam	--	390 UJ	400 UJ	380 UJ	410 UJ
4-Chloro-3-methylphenol	100000	390 U	400 U	380 UJ	410 UJ
2-Methylnaphthalene	--	390 U	400 U	64 J	410 UJ

301537

lotes:
ll results are in ug/Kg.
hading indicates exceedance.

TABLE 3-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB43 CDE-BSB43-12 BZF16 08/18/2000 / 12:30 2.33	BSB43 CDE-BSB43-13 BZF17 Duplicate of CDE-BSB43-12	BSB44 CDE-BSB44-00 BZF20 08/21/2000 / 08:55 0.83	BSB45 CDE-BSB45-00 BZE97 08/15/2000 / 10:16 1.08
CONSTITUENT					
Hexachlorocyclopentadiene	10000	390 U	400 U	380 UJ	410 UJ
2,4,6-Trichlorophenol	200	390 U	400 U	380 UJ	410 UJ
2,4,5-Trichlorophenol	50000	980 U	1000 U	940 UJ	1000 UJ
Biphenyl, 1,1-	--	390 UJ	400 UJ	380 UJ	410 UJ
2-Chloronaphthalene	--	390 U	400 U	380 UJ	410 UJ
2-Nitroaniline	--	980 U	1000 U	940 UJ	1000 UJ
Dimethyl phthalate	50000	390 U	400 U	380 UJ	410 UJ
2,6-Dinitrotoluene	0.7	390 U	400 U	380 UJ	410 UJ
Acenaphthylene	--	390 U	400 U	380 UJ	410 UJ
3-Nitroaniline	--	980 U	1000 U	940 UJ	1000 UJ
Acenaphthene	100000	390 U	400 U	380 UJ	410 UJ
2,4-Dinitrophenol	200	980 U	1000 U	940 UJ	1000 UJ
4-Nitrophenol	--	980 U	1000 U	940 UJ	1000 UJ
Dibenzofuran	--	390 U	400 U	380 UJ	410 UJ
2,4-Dinitrotoluene	0.8	390 U	400 U	380 UJ	410 UJ
Diethyl phthalate	50000	390 U	400 U	380 UJ	410 UJ
Fluorene	100000	390 U	400 U	380 UJ	410 UJ
4-Chlorophenyl phenyl ether	--	390 U	400 U	380 UJ	410 UJ
4-Nitroaniline	--	980 U	1000 U	940 UJ	1000 UJ
4,6-Dinitro-2-methylphenol	--	980 U	1000 U	940 UJ	1000 UJ
N-Nitrosodiphenylamine	1000	390 U	400 U	380 UJ	410 UJ
Hexachlorobenzene	300	390 U	400 U	380 UJ	410 UJ

301538

Notes:
All results are in ug/Kg.
Shading indicates exceedance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB43 CDE-BSB43-12 BZF16 08/18/2000 / 12:30 2.33	BSB43 CDE-BSB43-13 BZF17 Duplicate of CDE-BSB43-12	BSB44 CDE-BSB44-00 BZF20 08/21/2000 / 08:55 0.83	BSB45 CDE-BSB45-00 BZE97 08/15/2000 / 10:16 1.08
CONSTITUENT					
Atrazine	--	390 UJ	400 UJ	380 UJ	410 UJ
Pentachlorophenol	30	980 U	1000 U	940 UJ	1000 UJ
Phenanthrene	--	86 J	44 J	93 J	410 UJ
Anthracene	100000	390 U	400 U	380 UJ	410 UJ
Carbazole	600	390 U	400 U	380 UJ	410 UJ
Di-n-butyl phthalate	100000	390 U	47 J	380 UJ	42 J
Fluoranthene	100000	110 J	58 J	100 J	410 UJ
Pyrene	100000	100 J	51 J	110 J	410 UJ
Butyl benzyl phthalate	100000	390 U	400 U	380 UJ	520 J
3,3'-Dichlorobenzidine	7	390 U	400 U	380 UJ	410 UJ
Benzo(a)anthracene	600	51 J	400 U	56 J	410 UJ
Chrysene	9000	64 J	400 U	92 J	410 UJ
bis(2-Ethylhexyl) phthalate	35000	63 J	78 J	190 J	410 UJ
Di-n-octyl phthalate	100000	390 U	400 U	380 UJ	410 UJ
Benzo(b)fluoranthene	600	59 J	44 J	100 J	410 UJ
Benzo(k)fluoranthene	900	59 J	400 U	130 J	410 UJ
Benzo(a)pyrene	60	60 J	400 U	78 J	410 UJ
Indeno(1,2,3-cd)pyrene	600	390 UJ	400 UJ	110 J	410 UJ
Dibenzo(a,h)anthracene	60	390 UJ	400 UJ	47 J	410 UJ
Benzo(g,h,i)perylene	--	390 UJ	400 UJ	110 J	410 UJ
4-Bromophenyl-phenylether	--	390 U	400 U	380 UJ	410 UJ
Total SVOC TICs		13945 NJ	11491 NJ	10470 J	554 NJ

301539

lotes:
.ll results are in ug/Kg.
hading indicates exceedance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB46 CDE-BSB46-00 BZF54 08/29/2000 / 11:40 0.83	BSB47 CDE-BSB47-00 BZF58 08/29/2000 / 10:25 1.58	BSB48 CDE-BSB48-00 BZF59 08/29/2000 / 08:55 1.75	BSB48 CDE-BSB48-01 BZF60 Duplicate of CDE-BSB48-00
CONSTITUENT					
Benzaldehyde	--	390 U	380 U	380 U	370 U
Phenol	50000	390 U	380 U	380 U	370 U
Bis(2-chloroethyl)ether	0.4	390 U	380 U	380 U	370 U
2-Chlorophenol	4000	390 U	380 U	380 U	370 U
2-Methylphenol	15000	390 U	380 U	380 U	370 U
Bis(2-chloro-1-methylethyl) ether	10000	390 U	380 U	380 U	370 U
Acetophenone	--	390 U	380 U	380 U	370 U
4-Methylphenol	2800000	390 U	380 U	380 U	370 U
N-Nitroso-di-n-propylamine	0.05	390 U	380 U	380 U	370 U
Hexachloroethane	500	390 U	380 U	380 U	370 U
Nitrobenzene	100	390 U	380 U	380 U	370 U
Isophorone	500	390 U	380 U	380 U	370 U
2-Nitrophenol	--	390 U	380 U	380 U	370 U
2,4-Dimethylphenol	9000	390 U	380 U	380 U	370 U
Bis(2-chloroethoxy)methane	--	390 U	380 U	380 U	370 U
2,4-Dichlorophenol	1000	390 U	380 U	380 U	370 U
Naphthalene	84000	390 U	380 U	380 U	370 U
4-Chloroaniline	700	390 U	380 U	380 U	370 U
Hexachlorobutadiene	1000	390 U	380 U	380 U	370 U
Caprolactam	--	390 U	380 U	380 U	370 U
4-Chloro-3-methylphenol	100000	390 U	380 U	380 U	370 U
2-Methylnaphthalene	--	390 U	380 U	380 U	370 U

301540

lotes:
ll results are in ug/Kg.
hading indicates exceedance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB46 CDE-BSB46-00 BZF54 08/29/2000 / 11:40 0.83	BSB47 CDE-BSB47-00 BZF58 08/29/2000 / 10:25 1.58	BSB48 CDE-BSB48-00 BZF59 08/29/2000 / 08:55 1.75	BSB48 CDE-BSB48-01 BZF60 Duplicate of CDE-BSB48-00
CONSTITUENT					
Hexachlorocyclopentadiene	10000	390 U	380 U	380 U	370 U
2,4,6-Trichlorophenol	200	390 U	380 U	380 U	370 U
2,4,5-Trichlorophenol	50000	980 U	960 U	950 U	940 U
Biphenyl, 1,1-	--	390 U	380 U	380 U	370 U
2-Chloronaphthalene	--	390 U	380 U	380 U	370 U
2-Nitroaniline	--	980 U	960 U	950 U	940 U
Dimethyl phthalate	50000	390 U	380 U	380 U	370 U
2,6-Dinitrotoluene	0.7	390 U	380 U	380 U	370 U
Acenaphthylene	--	390 U	380 U	380 U	370 U
3-Nitroaniline	--	980 U	960 U	950 U	940 U
Acenaphthene	100000	390 U	380 U	380 U	370 U
2,4-Dinitrophenol	200	980 U	960 U	950 U	940 U
4-Nitrophenol	--	980 U	960 U	950 U	940 U
Dibenzofuran	--	390 U	380 U	380 U	370 U
2,4-Dinitrotoluene	0.8	390 U	380 U	380 U	370 U
Diethyl phthalate	50000	390 U	380 U	380 U	370 U
Fluorene	100000	390 U	380 U	380 U	370 U
4-Chlorophenyl phenyl ether	--	390 U	380 U	380 U	370 U
4-Nitroaniline	--	980 U	960 U	950 U	940 U
4,6-Dinitro-2-methylphenol	--	980 U	960 U	950 U	940 U
N-Nitrosodiphenylamine	1000	390 U	380 U	380 U	370 U
Hexachlorobenzene	300	390 U	380 U	380 U	370 U

301541

lotes:
ll results are in ug/Kg.
hading indicates [illegible]eedance.

TABL[illegible]G-21

SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB46 CDE-BSB46-00 BZF54 08/29/2000 / 11:40 0.83	BSB47 CDE-BSB47-00 BZF58 08/29/2000 / 10:25 1.58	BSB48 CDE-BSB48-00 BZF59 08/29/2000 / 08:55 1.75	BSB48 CDE-BSB48-01 BZF60 Duplicate of CDE-BSB48-00
CONSTITUENT					
Atrazine	--	390 U	380 U	380 U	370 U
Pentachlorophenol	30	980 U	960 U	950 U	940 U
Phenanthrene	--	390 U	380 U	380 U	370 U
Anthracene	100000	390 U	380 U	380 U	370 U
Carbazole	600	390 U	380 U	380 U	370 U
Di-n-butyl phthalate	100000	390 U	380 U	380 U	370 U
Fluoranthene	100000	390 U	380 U	380 U	370 U
Pyrene	100000	390 U	380 U	380 U	370 U
Butyl benzyl phthalate	100000	390 U	380 U	380 U	370 U
3,3'-Dichlorobenzidine	7	390 U	380 U	380 U	370 U
Benzo(a)anthracene	600	390 U	380 U	380 U	370 U
Chrysene	9000	390 U	380 U	380 U	370 U
bis(2-Ethylhexyl) phthalate	35000	390 U	380 U	380 U	370 U
Di-n-octyl phthalate	100000	390 U	380 U	380 U	370 U
Benzo(b)fluoranthene	600	390 U	380 U	380 U	370 U
Benzo(k)fluoranthene	900	390 U	380 U	380 U	370 U
Benzo(a)pyrene	60	390 U	380 U	380 U	370 U
Indeno(1,2,3-cd)pyrene	600	390 U	380 U	380 U	370 U
Dibenzo(a,h)anthracene	60	390 U	380 U	380 U	370 U
Benzo(g,h,i)perylene	--	390 U	380 U	380 U	370 U
4-Bromophenyl-phenylether	--	390 U	380 U	380 U	370 U
Total SVOC TICs		2780 NJ	420 NJ	190 NJ	280 NJ

301542

lotes:
ll results are in ug/Kg.
hading indicates exceedance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB48 CDE-BSB48-12 BZF61 08/29/2000 / 09:17 2.58	BSB52 CDE-BSB52-00 BZF45 08/25/2000 / 10:55 1.5	BSB52 CDE-BSB52-12 BZF48 08/25/2000 / 11:32 2.58	BSB53 CDE-BSB53-00 BZF39 08/23/2000 / 09:06 1.17
CONSTITUENT					
Benzaldehyde	--	380 U	45 J	380 U	58 J
Phenol	50000	380 U	380 U	380 U	380 U
Bis(2-chloroethyl)ether	0.4	380 U	380 U	380 U	380 U
2-Chlorophenol	4000	380 U	380 U	380 U	380 U
2-Methylphenol	15000	380 U	380 U	380 U	380 U
Bis(2-chloro-1-methylethyl) ether	10000	380 U	380 U	380 U	380 U
Acetophenone	--	380 U	380 U	380 U	69 J
4-Methylphenol	2800000	380 U	380 U	380 U	380 U
N-Nitroso-di-n-propylamine	0.05	380 U	380 U	380 U	380 U
Hexachloroethane	500	380 U	380 U	380 U	380 U
Nitrobenzene	100	380 U	380 U	380 U	380 U
Isophorone	500	380 U	380 U	380 U	380 U
2-Nitrophenol	--	380 U	380 U	380 U	380 U
2,4-Dimethylphenol	9000	380 U	380 U	380 U	380 U
Bis(2-chloroethoxy)methane	--	380 U	380 U	380 U	380 U
2,4-Dichlorophenol	1000	380 U	380 U	380 U	380 U
Naphthalene	84000	380 U	130 J	380 U	320 J
4-Chloroaniline	700	380 U	380 U	380 U	380 U
Hexachlorobutadiene	1000	380 U	380 U	380 U	380 U
Caprolactam	--	380 U	380 U	380 U	380 U
4-Chloro-3-methylphenol	100000	380 U	380 U	380 U	380 U
2-Methylnaphthalene	--	380 U	150 J	380 U	580

otes:
l results are in ug/Kg.
ading indicates exceedance.

301543

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB48 CDE-BSB48-12 BZF61 08/29/2000 / 09:17 2.58	BSB52 CDE-BSB52-00 BZF45 08/25/2000 / 10:55 1.5	BSB52 CDE-BSB52-12 BZF48 08/25/2000 / 11:32 2.58	BSB53 CDE-BSB53-00 BZF39 08/23/2000 / 09:06 1.17
CONSTITUENT					
Hexachlorocyclopentadiene	10000	380 U	380 UJ	380 UJ	380 U
2,4,6-Trichlorophenol	200	380 U	380 U	380 U	380 U
2,4,5-Trichlorophenol	50000	960 U	940 U	970 U	970 U
Biphenyl, 1,1-	--	380 U	380 U	380 U	69 J
2-Chloronaphthalene	--	380 U	380 U	380 U	380 U
2-Nitroaniline	--	960 U	940 U	970 U	970 U
Dimethyl phthalate	50000	380 U	380 U	380 U	380 U
2,6-Dinitrotoluene	0.7	380 U	380 U	380 U	380 U
Acenaphthylene	--	380 U	380 U	380 U	380 U
3-Nitroaniline	--	960 U	940 U	970 U	970 U
Acenaphthene	100000	380 U	110 J	380 U	380 U
2,4-Dinitrophenol	200	960 U	940 UJ	970 UJ	970 UJ
4-Nitrophenol	--	960 U	940 U	970 U	970 U
Dibenzofuran	--	380 U	98 J	380 U	200 J
2,4-Dinitrotoluene	0.8	380 U	380 U	380 U	380 U
Diethyl phthalate	50000	380 U	380 U	380 U	380 U
Fluorene	100000	380 U	73 J	380 U	380 U
4-Chlorophenyl phenyl ether	--	380 U	380 U	380 U	380 U
4-Nitroaniline	--	960 U	940 U	970 U	970 U
4,6-Dinitro-2-methylphenol	--	960 U	940 UJ	970 UJ	970 U
N-Nitrosodiphenylamine	1000	380 U	380 U	380 U	380 U
Hexachlorobenzene	300	380 U	380 U	380 U	380 U

301544

lotes:
ll results are in ug/Kg.
hading indicates exceedance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB48 CDE-BSB48-12 BZF61 08/29/2000 / 09:17 2.58	BSB52 CDE-BSB52-00 BZF45 08/25/2000 / 10:55 1.5	BSB52 CDE-BSB52-12 BZF48 08/25/2000 / 11:32 2.58	BSB53 CDE-BSB53-00 BZF39 08/23/2000 / 09:06 1.17
CONSTITUENT					
Atrazine	--	380 U	380 U	380 U	380 U
Pentachlorophenol	30	960 U	940 UJ	970 UJ	970 UJ
Phenanthrene	--	380 U	1100	63 J	450
Anthracene	100000	380 U	200 J	380 U	380 U
Carbazole	600	380 U	210 J	380 U	380 U
Di-n-butyl phthalate	100000	380 U	380 U	380 U	380 U
Fluoranthene	100000	380 U	1900	94 J	160 J
Pyrene	100000	380 U	670 J	58 J	180 J
Butyl benzyl phthalate	100000	380 U	380 U	380 U	380 U
3,3'-Dichlorobenzidine	7	380 U	380 UJ	380 UJ	380 U
Benzo(a)anthracene	600	380 U	440 J	380 U	110 J
Chrysene	9000	380 U	540 J	42 J	200 J
bis(2-Ethylhexyl) phthalate	35000	380 U	380 U	380 U	380 U
Di-n-octyl phthalate	100000	380 U	380 U	380 U	380 U
Benzo(b)fluoranthene	600	380 U	840	41 J	110 J
Benzo(k)fluoranthene	900	380 U	930	380 U	95 J
Benzo(a)pyrene	60	380 U	370 J	380 U	81 J
Indeno(1,2,3-cd)pyrene	600	380 U	110 J	380 U	69 J
Dibenzo(a,h)anthracene	60	380 U	43 J	380 U	44 J
Benzo(g,h,i)perylene	--	380 U	90 J	380 U	50 J
4-Bromophenyl-phenylether	--	380 U	380 U	380 U	380 U
Total SVOC TICs		250 NJ	38690 NJ	10560 J	6230 NJ

otes:
ll results are in ug/Kg.
hading indicates exceedance.

301545

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB54 CDE-BSB54-00 BZF49 08/25/2000 / 13:00 1.46	BSB55 CDE-BSB55-00 BZF12 08/18/2000 / 09:33 1.08	BSB56 CDE-BSB56-00 BZF01 08/17/2000 / 09:45 1.42	BSB56 CDE-BSB56-12 BZF02 08/17/2000 / 09:59 1.75
CONSTITUENT					
Benzaldehyde	--	380 U	140000 UJ	4000 UJ	3800 UJ
Phenol	50000	380 U	140000 UJ	4000 U	3800 U
Bis(2-chloroethyl)ether	0.4	380 U	140000 UJ	4000 U	3800 U
2-Chlorophenol	4000	380 U	140000 UJ	4000 U	3800 U
2-Methylphenol	15000	380 U	140000 UJ	4000 U	3800 U
Bis(2-chloro-1-methylethyl) ether	10000	380 U	140000 UJ	4000 U	3800 U
Acetophenone	--	380 U	140000 UJ	4000 U	3800 U
4-Methylphenol	2800000	380 U	140000 UJ	4000 U	3800 U
N-Nitroso-di-n-propylamine	0.05	380 U	140000 UJ	4000 U	3800 U
Hexachloroethane	500	380 U	140000 UJ	4000 U	3800 U
Nitrobenzene	100	380 U	140000 UJ	4000 U	3800 U
Isophorone	500	380 U	140000 UJ	4000 U	3800 U
2-Nitrophenol	--	380 U	140000 UJ	4000 U	3800 U
2,4-Dimethylphenol	9000	380 U	140000 UJ	4000 U	3800 U
Bis(2-chloroethoxy)methane	--	380 U	140000 UJ	4000 U	3800 U
2,4-Dichlorophenol	1000	380 U	140000 UJ	4000 U	3800 U
Naphthalene	84000	380 U	140000 UJ	2900 J	3600 J
4-Chloroaniline	700	380 U	140000 UJ	4000 U	3800 U
Hexachlorobutadiene	1000	380 U	140000 UJ	4000 U	3800 U
Caprolactam	--	380 U	140000 UJ	4000 U	3800 U
4-Chloro-3-methylphenol	100000	380 U	140000 UJ	4000 U	3800 U
2-Methylnaphthalene	--	380 U	140000 UJ	4800	5700

301546

lotes:
ll results are in ug/Kg.
hading indicates exceedance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB54 CDE-BSB54-00 BZF49 08/25/2000 / 13:00 1.46	BSB55 CDE-BSB55-00 BZF12 08/18/2000 / 09:33 1.08	BSB56 CDE-BSB56-00 BZF01 08/17/2000 / 09:45 1.42	BSB56 CDE-BSB56-12 BZF02 08/17/2000 / 09:59 1.75
CONSTITUENT					
Hexachlorocyclopentadiene	10000	380 UJ	140000 UJ	4000 U	3800 U
2,4,6-Trichlorophenol	200	380 U	140000 UJ	4000 U	3800 U
2,4,5-Trichlorophenol	50000	950 U	340000 UJ	10000 U	9600 U
Biphenyl, 1,1-	--	380 U	140000 UJ	4000 UJ	3800 UJ
2-Chloronaphthalene	--	380 U	140000 UJ	4000 U	3800 U
2-Nitroaniline	--	950 U	340000 UJ	10000 U	9600 U
Dimethyl phthalate	50000	380 U	140000 UJ	4000 U	3800 U
2,6-Dinitrotoluene	0.7	380 U	140000 UJ	4000 U	3800 U
Acenaphthylene	--	380 U	140000 UJ	4000 U	3800 U
3-Nitroaniline	--	950 U	340000 UJ	10000 U	9600 U
Acenaphthene	100000	380 U	61000 J	4000 U	620 J
2,4-Dinitrophenol	200	950 UJ	340000 UJ	10000 UJ	9600 UJ
4-Nitrophenol	--	950 U	340000 UJ	10000 U	9600 U
Dibenzofuran	--	380 U	25000 J	1500 J	2000 J
2,4-Dinitrotoluene	0.8	380 U	140000 UJ	4000 U	3800 U
Diethyl phthalate	50000	380 U	140000 UJ	4000 U	3800 U
Fluorene	100000	380 U	41000 J	4000 U	730 J
4-Chlorophenyl phenyl ether	--	380 U	140000 UJ	4000 U	3800 U
4-Nitroaniline	--	950 U	340000 UJ	10000 U	9600 U
4,6-Dinitro-2-methylphenol	--	950 UJ	340000 UJ	10000 U	9600 U
N-Nitrosodiphenylamine	1000	380 U	140000 UJ	4000 U	3800 U
Hexachlorobenzene	300	380 U	140000 UJ	4000 U	3800 U

301547

otes:
l results are in ug/Kg.
ading indicates [illegible]dance.

TABL[illegible]-21

SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB54 CDE-BSB54-00 BZF49 08/25/2000 / 13:00 1.46	BSB55 CDE-BSB55-00 BZF12 08/18/2000 / 09:33 1.08	BSB56 CDE-BSB56-00 BZF01 08/17/2000 / 09:45 1.42	BSB56 CDE-BSB56-12 BZF02 08/17/2000 / 09:59 1.75
CONSTITUENT					
Atrazine	--	380 U	140000 UJ	4000 U	3800 U
Pentachlorophenol	30	950 UJ	340000 UJ	10000 U	9600 U
Phenanthrene	--	380 U	400000 J	3000 J	5200
Anthracene	100000	380 U	89000 J	4000 U	930 J
Carbazole	600	380 U	68000 J	4000 U	580 J
Di-n-butyl phthalate	100000	380 U	140000 UJ	4000 U	3800 U
Fluoranthene	100000	380 U	540000 J	1200 J	2700 J
Pyrene	100000	380 U	490000 J	970 J	2100 J
Butyl benzyl phthalate	100000	380 U	140000 UJ	4000 U	3800 U
3,3'-Dichlorobenzidine	7	380 UJ	140000 UJ	4000 U	3800 U
Benzo(a)anthracene	600	380 U	340000 J	840 J	1400 J
Chrysene	9000	380 U	360000 J	1100 J	1600 J
bis(2-Ethylhexyl) phthalate	35000	380 U	140000 UJ	4000 U	3800 U
Di-n-octyl phthalate	100000	380 U	140000 UJ	4000 U	3800 U
Benzo(b)fluoranthene	600	380 U	460000 J	420 J	830 J
Benzo(k)fluoranthene	900	380 U	310000 J	460 J	1000 J
Benzo(a)pyrene	60	380 U	430000 J	520 J	920 J
Indeno(1,2,3-cd)pyrene	600	380 U	190000 J	4000 U	3800 U
Dibenzo(a,h)anthracene	60	380 U	75000 J	4000 U	3800 U
Benzo(g,h,i)perylene	--	380 U	180000 J	4000 U	3800 U
4-Bromophenyl-phenylether	--	380 U	140000 UJ	4000 U	3800 U
Total SVOC TICs		110 J	579000 NJ	170140 NJ	176700 NJ

301548

lotes:
ll results are in ug/Kg.
hading indicates exceedance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB57 CDE-BSB57-00 BZF11 08/18/2000 / 08:40 1.42	BSB58 CDE-BSB58-00 BZE65 08/11/2000 / 13:40 1	BSB58 CDE-BSB58-12 BZE66 08/11/2000 / 14:05 2	BSB59 CDE-BSB59-00 BZF50 08/25/2000 / 14:10 0.63
CONSTITUENT					
Benzaldehyde	--	1900 UJ	410 U	440 U	3100 U
Phenol	50000	1900 U	410 U	440 U	3100 U
Bis(2-chloroethyl)ether	0.4	1900 U	410 U	440 U	3100 U
2-Chlorophenol	4000	1900 U	410 U	440 U	3100 U
2-Methylphenol	15000	1900 U	410 U	440 U	3100 U
Bis(2-chloro-1-methylethyl) ether	10000	1900 U	410 U	440 U	3100 UJ
Acetophenone	--	1900 UJ	410 U	440 U	3100 UJ
4-Methylphenol	2800000	1900 U	410 U	440 U	3100 U
N-Nitroso-di-n-propylamine	0.05	1900 U	410 U	440 U	3100 U
Hexachloroethane	500	1900 U	410 U	440 U	3100 U
Nitrobenzene	100	1900 U	410 U	440 U	3100 U
Isophorone	500	1900 U	410 U	440 U	3100 U
2-Nitrophenol	--	1900 U	410 U	440 U	3100 U
2,4-Dimethylphenol	9000	1900 U	410 U	440 U	3100 U
Bis(2-chloroethoxy)methane	--	1900 U	410 U	440 U	3100 U
2,4-Dichlorophenol	1000	1900 U	410 U	440 U	3100 U
Naphthalene	84000	1900 U	200 J	440 U	510 J
4-Chloroaniline	700	1900 U	410 U	440 U	3100 U
Hexachlorobutadiene	1000	1900 U	410 U	440 U	3100 U
Caprolactam	--	1900 UJ	410 U	440 U	3100 U
4-Chloro-3-methylphenol	100000	1900 U	410 U	440 U	3100 U
2-Methylnaphthalene	--	1900 U	430	440 U	590 J

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lotes:
ll results are in ug/Kg.
hading indicates [illegible]edance.

TABLE 6-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB57 CDE-BSB57-00 BZF11 08/18/2000 / 08:40 1.42	BSB58 CDE-BSB58-00 BZE65 08/11/2000 / 13:40 1	BSB58 CDE-BSB58-12 BZE66 08/11/2000 / 14:05 2	BSB59 CDE-BSB59-00 BZF50 08/25/2000 / 14:10 0.63
CONSTITUENT					
Hexachlorocyclopentadiene	10000	1900 U	410 U	440 U	3100 U
2,4,6-Trichlorophenol	200	1900 U	410 U	440 U	3100 U
2,4,5-Trichlorophenol	50000	4700 U	1000 U	1100 U	7900 U
Biphenyl, 1,1-	--	1900 UJ	45 J	440 U	3100 U
2-Chloronaphthalene	--	1900 U	410 U	440 U	3100 U
2-Nitroaniline	--	4700 U	1000 U	1100 U	7900 U
Dimethyl phthalate	50000	1900 U	410 U	440 U	3100 U
2,6-Dinitrotoluene	0.7	1900 U	410 U	440 U	3100 U
Acenaphthylene	--	1900 U	65 J	440 U	3100 U
3-Nitroaniline	--	4700 U	1000 U	1100 U	7900 U
Acenaphthene	100000	1900 U	410 U	440 U	630 J
2,4-Dinitrophenol	200	4700 U	1000 UJ	1100 U	7900 UJ
4-Nitrophenol	--	4700 U	1000 U	1100 U	7900 U
Dibenzofuran	--	1900 U	83 J	440 U	540 J
2,4-Dinitrotoluene	0.8	1900 U	410 U	440 U	3100 U
Diethyl phthalate	50000	1900 U	410 U	440 U	3100 U
Fluorene	100000	1900 U	410 U	440 U	660 J
4-Chlorophenyl phenyl ether	--	1900 U	410 U	440 U	3100 U
4-Nitroaniline	--	4700 U	1000 U	1100 U	7900 UJ
4,6-Dinitro-2-methylphenol	--	4700 U	1000 U	1100 U	7900 UJ
N-Nitrosodiphenylamine	1000	1900 U	410 U	440 U	3100 U
Hexachlorobenzene	300	1900 U	410 U	440 U	3100 U

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lotes:
ll results are in ug/Kg.
hading indicates exceedance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB57 CDE-BSB57-00 BZF11 08/18/2000 / 08:40 1.42	BSB58 CDE-BSB58-00 BZE65 08/11/2000 / 13:40 1	BSB58 CDE-BSB58-12 BZE66 08/11/2000 / 14:05 2	BSB59 CDE-BSB59-00 BZF50 08/25/2000 / 14:10 0.63
CONSTITUENT					
Atrazine	--	1900 UJ	410 U	440 U	3100 U
Pentachlorophenol	30	4700 U	1000 U	1100 U	7900 UJ
Phenanthrene	--	630 J	380 J	440 U	7000
Anthracene	100000	1900 U	120 J	440 U	1400 J
Carbazole	600	1900 U	410 U	440 U	1400 J
Di-n-butyl phthalate	100000	1900 U	410 U	440 U	3100 U
Fluoranthene	100000	990 J	600	440 U	10000
Pyrene	100000	890 J	570	440 U	6000
Butyl benzyl phthalate	100000	1900 U	410 U	440 U	3100 U
3,3'-Dichlorobenzidine	7	1900 U	410 U	440 U	3100 U
Benzo(a)anthracene	600	670 J	370 J	440 U	3500
Chrysene	9000	860 J	480	440 U	3200
bis(2-Ethylhexyl) phthalate	35000	1900 U	410 U	440 U	3100 U
Di-n-octyl phthalate	100000	1900 U	410 U	440 U	3100 U
Benzo(b)fluoranthene	600	950 J	680	440 U	3500
Benzo(k)fluoranthene	900	940 J	230 J	440 U	2600 J
Benzo(a)pyrene	60	870 J	460	440 U	3100
Indeno(1,2,3-cd)pyrene	600	520 J	340 J	440 U	1500 J
Dibenzo(a,h)anthracene	60	210 J	96 J	440 U	870 J
Benzo(g,h,i)perylene	--	550 J	340 J	440 U	1700 J
4-Bromophenyl-phenylether	--	1900 U	410 U	440 U	3100 U
Total SVOC TICs		7130 NJ	179090 ANJ	19741 NJ	53800 NJ

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otes:
ll results are in ug/Kg.
hading indicates [illegible]edance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB60 CDE-BSB60-00 BZF04 08/17/2000 / 14:50 1.5	BSB61 CDE-BSB61-00 BZE99 08/17/2000 / 11:00 1.83	BSB61 CDE-BSB61-12 BZF00 08/17/2000 / 11:23 1.92	BSB62 CDE-BSB62-00 BZF52 08/28/2000 / 13:45 1.79
CONSTITUENT					
Benzaldehyde	--	4500 UJ	3900 UJ	4700 UJ	400 U
Phenol	50000	4500 U	3900 U	4700 U	400 U
Bis(2-chloroethyl)ether	0.4	4500 U	3900 U	4700 U	400 U
2-Chlorophenol	4000	4500 U	3900 U	4700 U	400 U
2-Methylphenol	15000	4500 U	3900 U	4700 U	400 U
Bis(2-chloro-1-methylethyl) ether	10000	4500 U	3900 U	4700 U	400 U
Acetophenone	--	4500 U	3900 UJ	4700 U	400 U
4-Methylphenol	2800000	4500 U	3900 U	4700 U	400 U
N-Nitroso-di-n-propylamine	0.05	4500 U	3900 U	4700 U	400 U
Hexachloroethane	500	4500 U	3900 U	4700 U	400 U
Nitrobenzene	100	4500 U	3900 U	4700 U	400 U
Isophorone	500	4500 U	3900 U	4700 U	400 U
2-Nitrophenol	--	4500 U	3900 U	4700 U	400 U
2,4-Dimethylphenol	9000	4500 U	3900 U	4700 U	400 U
Bis(2-chloroethoxy)methane	--	4500 U	3900 U	4700 U	400 U
2,4-Dichlorophenol	1000	4500 U	3900 U	4700 U	400 U
Naphthalene	84000	4500 U	450 J	1300 J	400 U
4-Chloroaniline	700	4500 U	3900 U	4700 U	400 U
Hexachlorobutadiene	1000	4500 U	3900 U	4700 U	400 U
Caprolactam	--	4500 U	3900 UJ	4700 U	400 U
4-Chloro-3-methylphenol	100000	4500 U	3900 U	4700 U	400 U
2-Methylnaphthalene	--	4500 U	3900 U	1500 J	400 U

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lotes:
ll results are in ug/Kg.
hading indicates exceedance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB60 CDE-BSB60-00 BZF04 08/17/2000 / 14:50 1.5	BSB61 CDE-BSB61-00 BZE99 08/17/2000 / 11:00 1.83	BSB61 CDE-BSB61-12 BZF00 08/17/2000 / 11:23 1.92	BSB62 CDE-BSB62-00 BZF52 08/28/2000 / 13:45 1.79
CONSTITUENT					
Hexachlorocyclopentadiene	10000	4500 U	3900 U	4700 U	400 U
2,4,6-Trichlorophenol	200	4500 U	3900 U	4700 U	400 U
2,4,5-Trichlorophenol	50000	11000 U	9800 U	12000 U	1000 U
Biphenyl, 1,1-	--	4500 UJ	3900 UJ	4700 UJ	400 U
2-Chloronaphthalene	--	4500 U	3900 U	4700 U	400 U
2-Nitroaniline	--	11000 U	9800 U	12000 U	1000 U
Dimethyl phthalate	50000	4500 U	3900 U	4700 U	400 U
2,6-Dinitrotoluene	0.7	4500 U	3900 U	4700 U	400 U
Acenaphthylene	--	4500 U	3900 U	580 J	400 U
3-Nitroaniline	--	11000 U	9800 U	12000 U	1000 U
Acenaphthene	100000	4500 U	1100 J	4700 U	400 U
2,4-Dinitrophenol	200	11000 UJ	9800 U	12000 UJ	1000 U
4-Nitrophenol	--	11000 U	9800 U	12000 U	1000 U
Dibenzofuran	--	4500 U	780 J	620 J	400 U
2,4-Dinitrotoluene	0.8	4500 U	3900 U	4700 U	400 U
Diethyl phthalate	50000	4500 U	3900 U	4700 U	400 U
Fluorene	100000	4500 U	980 J	4700 U	400 U
4-Chlorophenyl phenyl ether	--	4500 U	3900 U	4700 U	400 U
4-Nitroaniline	--	11000 U	9800 U	12000 U	1000 U
4,6-Dinitro-2-methylphenol	--	11000 U	9800 U	12000 U	1000 U
N-Nitrosodiphenylamine	1000	4500 U	3900 U	4700 U	400 U
Hexachlorobenzene	300	4500 U	3900 U	4700 U	400 U

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lotes:
ll results are in ug/Kg.
hading indicates [illegible]edance.

TAB[illegible]-21

SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB60 CDE-BSB60-00 BZF04 08/17/2000 / 14:50 1.5	BSB61 CDE-BSB61-00 BZE99 08/17/2000 / 11:00 1.83	BSB61 CDE-BSB61-12 BZF00 08/17/2000 / 11:23 1.92	BSB62 CDE-BSB62-00 BZF52 08/28/2000 / 13:45 1.79
CONSTITUENT					
Atrazine	--	4500 U	3900 U	4700 U	400 U
Pentachlorophenol	30	11000 U	9800 U	12000 U	1000 U
Phenanthrene	--	3200 J	10000	3900 J	400 U
Anthracene	100000	650 J	2000 J	670 J	400 U
Carbazole	600	460 J	1200 J	4700 U	400 U
Di-n-butyl phthalate	100000	4500 U	3900 U	4700 U	400 U
Fluoranthene	100000	4700	11000	4200 J	400 U
Pyrene	100000	3700 J	6600	3000 J	400 U
Butyl benzyl phthalate	100000	4500 U	3900 U	4700 U	400 U
3,3'-Dichlorobenzidine	7	4500 U	3900 U	4700 U	400 U
Benzo(a)anthracene	600	2800 J	6500	5400	400 U
Chrysene	9000	3200 J	6900	7800	400 U
bis(2-Ethylhexyl) phthalate	35000	4500 U	3900 U	4700 U	400 U
Di-n-octyl phthalate	100000	4500 U	3900 U	4700 U	400 U
Benzo(b)fluoranthene	600	3700 J	6200	11000	400 U
Benzo(k)fluoranthene	900	2700 J	6100	8800	400 U
Benzo(a)pyrene	60	2900 J	2200 J	2800 J	400 U
Indeno(1,2,3-cd)pyrene	600	1400 J	1700 J	2700 J	400 U
Dibenzo(a,h)anthracene	60	530 J	1300 J	1800 J	400 U
Benzo(g,h,i)perylene	--	1000 J	3900 U	4700 U	400 U
4-Bromophenyl-phenylether	--	4500 U	3900 U	4700 U	400 U
Total SVOC TICs		255300 NJ	165180 NJ	671300 NJ	R

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lotes:
ll results are in ug/Kg.
hading indicates exceedance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB63 CDE-BSB63-00 BZF53 08/28/2000 / 14:27 1.75	BSB66 CDE-BSB66-00 BZF81 09/05/2000 / 08:41 0.67	BSB67 CDE-BSB67-00 BZF98 09/08/2000 / 10:00 0.67	BSB68 CDE-BSB68-00 BZG00 09/08/2000 / 12:30 1.58
CONSTITUENT					
Benzaldehyde	--	380 U	400 UJ	740 U	380 U
Phenol	50000	380 U	400 UJ	740 U	380 U
Bis(2-chloroethyl)ether	0.4	380 U	400 UJ	740 U	380 U
2-Chlorophenol	4000	380 U	400 UJ	740 U	380 U
2-Methylphenol	15000	380 U	400 UJ	740 U	380 U
Bis(2-chloro-1-methylethyl) ether	10000	380 U	400 UJ	740 U	380 U
Acetophenone	--	380 U	400 UJ	740 U	380 U
4-Methylphenol	2800000	380 U	400 UJ	740 U	380 U
N-Nitroso-di-n-propylamine	0.05	380 U	400 UJ	740 U	380 U
Hexachloroethane	500	380 U	400 UJ	740 U	380 U
Nitrobenzene	100	380 U	400 UJ	740 U	380 U
Isophorone	500	380 U	400 UJ	740 U	380 U
2-Nitrophenol	--	380 U	400 UJ	740 U	380 U
2,4-Dimethylphenol	9000	380 U	400 UJ	740 U	380 U
Bis(2-chloroethoxy)methane	--	380 U	400 UJ	740 U	380 U
2,4-Dichlorophenol	1000	380 U	400 UJ	740 U	380 U
Naphthalene	84000	380 U	400 UJ	170 J	380 U
4-Chloroaniline	700	380 U	400 UJ	740 U	380 U
Hexachlorobutadiene	1000	380 U	400 UJ	740 U	380 U
Caprolactam	--	380 U	400 UJ	740 U	380 U
4-Chloro-3-methylphenol	100000	380 U	400 UJ	740 U	380 U
2-Methylnaphthalene	--	380 U	400 UJ	220 J	380 U

otes:
ll results are in ug/Kg.
hading indicates exceedance.

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TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB63 CDE-BSB63-00 BZF53 08/28/2000 / 14:27 1.75	BSB66 CDE-BSB66-00 BZF81 09/05/2000 / 08:41 0.67	BSB67 CDE-BSB67-00 BZF98 09/08/2000 / 10:00 0.67	BSB68 CDE-BSB68-00 BZG00 09/08/2000 / 12:30 1.58
CONSTITUENT					
Hexachlorocyclopentadiene	10000	380 U	400 UJ	740 U	380 U
2,4,6-Trichlorophenol	200	380 U	400 UJ	740 U	380 U
2,4,5-Trichlorophenol	50000	950 U	1000 UJ	1900 U	970 U
Biphenyl, 1,1-	--	380 U	400 UJ	740 U	380 U
2-Chloronaphthalene	--	380 U	400 UJ	740 U	380 U
2-Nitroaniline	--	950 U	1000 UJ	1900 U	970 U
Dimethyl phthalate	50000	380 U	400 UJ	740 U	380 U
2,6-Dinitrotoluene	0.7	380 U	400 UJ	740 U	380 U
Acenaphthylene	--	380 U	400 UJ	140 J	380 U
3-Nitroaniline	--	950 U	1000 UJ	1900 U	970 U
Acenaphthene	100000	380 U	400 UJ	170 J	380 U
2,4-Dinitrophenol	200	950 U	1000 UJ	1900 UJ	970 UJ
4-Nitrophenol	--	950 U	1000 UJ	1900 U	970 U
Dibenzofuran	--	380 U	400 UJ	110 J	380 U
2,4-Dinitrotoluene	0.8	380 U	400 UJ	740 U	380 U
Diethyl phthalate	50000	380 U	400 UJ	740 U	380 U
Fluorene	100000	380 U	400 UJ	130 J	380 U
4-Chlorophenyl phenyl ether	--	380 U	400 UJ	740 U	380 U
4-Nitroaniline	--	950 U	1000 UJ	1900 U	970 U
4,6-Dinitro-2-methylphenol	--	950 U	1000 UJ	1900 U	970 U
N-Nitrosodiphenylamine	1000	380 U	400 UJ	740 U	380 U
Hexachlorobenzene	300	380 U	400 UJ	740 U	380 U

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lotes:
ll results are in ug/Kg.
hading indicates exceedance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB63 CDE-BSB63-00 BZF53 08/28/2000 / 14:27 1.75	BSB66 CDE-BSB66-00 BZF81 09/05/2000 / 08:41 0.67	BSB67 CDE-BSB67-00 BZF98 09/08/2000 / 10:00 0.67	BSB68 CDE-BSB68-00 BZG00 09/08/2000 / 12:30 1.58
CONSTITUENT					
Atrazine	--	380 U	400 UJ	740 U	380 U
Pentachlorophenol	30	950 U	1000 UJ	1900 U	970 U
Phenanthrene	--	380 U	400 UJ	1700	360 J
Anthracene	100000	380 U	400 UJ	450 J	69 J
Carbazole	600	380 U	400 UJ	230 J	380 U
Di-n-butyl phthalate	100000	380 U	400 UJ	140 J	380 U
Fluoranthene	100000	380 U	400 UJ	3300	480
Pyrene	100000	380 U	400 UJ	3200	420
Butyl benzyl phthalate	100000	380 U	400 UJ	740 U	380 U
3,3'-Dichlorobenzidine	7	380 U	400 UJ	740 U	380 U
Benzo(a)anthracene	600	380 U	400 UJ	1900	210 J
Chrysene	9000	380 U	400 UJ	2300	210 J
bis(2-Ethylhexyl) phthalate	35000	380 U	320 J	1200	61 J
Di-n-octyl phthalate	100000	380 U	400 UJ	120 J	380 U
Benzo(b)fluoranthene	600	380 U	400 UJ	3400	230 J
Benzo(k)fluoranthene	900	380 U	400 UJ	1200	91 J
Benzo(a)pyrene	60	380 U	400 UJ	2600	190 J
Indeno(1,2,3-cd)pyrene	600	380 U	400 UJ	2200	120 J
Dibenzo(a,h)anthracene	60	380 U	400 UJ	480 J	380 U
Benzo(g,h,i)perylene	--	380 U	400 UJ	2300	120 J
4-Bromophenyl-phenylether	--	380 U	400 UJ	740 U	380 U
Total SVOC TICs		1008 J	R	31180 NJ	R

otes:
ll results are in ug/Kg.
hading indicates exceedance.

301557

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB68 CDE-BSB68-12 BZG01 09/08/2000 / 12:40 2.42	BSB69 CDE-BSB69-00 BZF13 08/18/2000 / 10:25 1.17	BSB71 CDE-BSB71-00 BZF55 08/28/2000 / 10:58 1.67	BSB71 CDE-BSB71-12 BZF56 08/28/2000 / 11:20 2.67
CONSTITUENT					
Benzaldehyde	--	390 U	3800 UJ	370 U	390 U
Phenol	50000	390 U	3800 U	370 U	390 U
Bis(2-chloroethyl)ether	0.4	390 U	3800 U	370 U	390 U
2-Chlorophenol	4000	390 U	3800 U	370 U	390 U
2-Methylphenol	15000	390 U	3800 U	370 U	390 U
Bis(2-chloro-1-methylethyl) ether	10000	390 U	3800 U	370 U	390 U
Acetophenone	--	390 U	3800 UJ	370 U	390 U
4-Methylphenol	2800000	390 U	3800 U	370 U	390 U
N-Nitroso-di-n-propylamine	0.05	390 U	3800 U	370 U	390 U
Hexachloroethane	500	390 U	3800 U	370 U	390 U
Nitrobenzene	100	390 U	3800 U	370 U	390 U
Isophorone	500	390 U	3800 U	370 U	390 U
2-Nitrophenol	--	390 U	3800 U	370 U	390 U
2,4-Dimethylphenol	9000	390 U	3800 U	370 U	390 U
Bis(2-chloroethoxy)methane	--	390 U	3800 U	370 U	390 U
2,4-Dichlorophenol	1000	390 U	3800 U	370 U	390 U
Naphthalene	84000	390 U	950 J	370 U	390 U
4-Chloroaniline	700	390 U	3800 U	370 U	390 U
Hexachlorobutadiene	1000	390 U	3800 U	370 U	390 U
Caprolactam	--	390 U	3800 UJ	370 U	390 U
4-Chloro-3-methylphenol	100000	390 U	3800 U	370 U	390 U
2-Methylnaphthalene	--	390 U	1600 J	42 J	60 J

301558

lotes:
ll results are in ug/Kg.
hading indicates exceedance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB68 CDE-BSB68-12 BZG01 09/08/2000 / 12:40 2.42	BSB69 CDE-BSB69-00 BZF13 08/18/2000 / 10:25 1.17	BSB71 CDE-BSB71-00 BZF55 08/28/2000 / 10:58 1.67	BSB71 CDE-BSB71-12 BZF56 08/28/2000 / 11:20 2.67
CONSTITUENT					
Hexachlorocyclopentadiene	10000	390 UJ	3800 U	370 U	390 U
2,4,6-Trichlorophenol	200	390 U	3800 U	370 U	390 U
2,4,5-Trichlorophenol	50000	980 U	9600 U	940 U	970 U
Biphenyl, 1,1-	--	390 U	3800 UJ	370 U	390 U
2-Chloronaphthalene	--	390 U	3800 U	370 U	390 U
2-Nitroaniline	--	980 U	9600 U	940 U	970 U
Dimethyl phthalate	50000	390 U	3800 U	370 U	390 U
2,6-Dinitrotoluene	0.7	390 U	3800 U	370 U	390 U
Acenaphthylene	--	390 U	3800 U	40 J	390 U
3-Nitroaniline	--	980 U	9600 U	940 U	970 U
Acenaphthene	100000	390 U	3800 U	370 U	390 U
2,4-Dinitrophenol	200	980 UJ	9600 U	940 U	970 U
4-Nitrophenol	--	980 U	9600 U	940 U	970 U
Dibenzofuran	--	390 U	440 J	370 U	390 U
2,4-Dinitrotoluene	0.8	390 U	3800 U	370 U	390 U
Diethyl phthalate	50000	390 U	3800 U	370 U	390 U
Fluorene	100000	390 U	3800 U	370 U	390 U
4-Chlorophenyl phenyl ether	--	390 U	3800 U	370 U	390 U
4-Nitroaniline	--	980 U	9600 U	940 U	970 U
4,6-Dinitro-2-methylphenol	--	980 U	9600 U	940 U	970 U
N-Nitrosodiphenylamine	1000	390 U	3800 U	370 U	390 U
Hexachlorobenzene	300	390 U	3800 U	370 U	390 U

301559

lotes:
ll results are in ug/Kg.
hading indicates exceedance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB68 CDE-BSB68-12 BZG01 09/08/2000 / 12:40 2.42	BSB69 CDE-BSB69-00 BZF13 08/18/2000 / 10:25 1.17	BSB71 CDE-BSB71-00 BZF55 08/28/2000 / 10:58 1.67	BSB71 CDE-BSB71-12 BZF56 08/28/2000 / 11:20 2.67
CONSTITUENT					
Atrazine	--	390 U	3800 UJ	370 U	390 U
Pentachlorophenol	30	980 U	9600 U	940 U	970 U
Phenanthrene	--	390 U	2200 J	180 J	390 U
Anthracene	100000	390 U	3800 U	49 J	390 U
Carbazole	600	390 U	3800 U	370 U	390 U
Di-n-butyl phthalate	100000	390 U	3800 U	370 U	390 U
Fluoranthene	100000	390 U	3000 J	290 J	390 U
Pyrene	100000	390 U	2900 J	280 J	390 U
Butyl benzyl phthalate	100000	390 U	3800 U	370 U	390 U
3,3'-Dichlorobenzidine	7	390 U	3800 U	370 U	390 U
Benzo(a)anthracene	600	390 U	2000 J	370 U	390 U
Chrysene	9000	390 U	2700 J	370 U	390 U
bis(2-Ethylhexyl) phthalate	35000	56 J	3800 U	370 U	390 U
Di-n-octyl phthalate	100000	390 U	3800 U	370 U	390 U
Benzo(b)fluoranthene	600	390 U	3000 J	370 U	390 U
Benzo(k)fluoranthene	900	390 U	2500 J	370 U	390 U
Benzo(a)pyrene	60	390 U	2700 J	150 J	390 U
Indeno(1,2,3-cd)pyrene	600	390 U	1700 J	370 U	390 U
Dibenzo(a,h)anthracene	60	390 U	570 J	370 U	390 U
Benzo(g,h,i)perylene	--	390 U	1500 J	370 U	390 U
4-Bromophenyl-phenylether	--	390 U	3800 U	370 U	390 U
Total SVOC TICs		190 NJ	43110 NJ	2002 NJ	1411 J

301560

lotes:
ll results are in ug/Kg.
hading indicates exceedance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB72 CDE-BSB72-00 BZF14 08/18/2000 / 10:55 1	BSB73 CDE-BSB73-00 BZF69 08/30/2000 / 14:18 1.42	BSB73 CDE-BSB73-12 BZF70 08/30/2000 / 14:42 2.42	BSB74 CDE-BSB74-00 BZF91 09/07/2000 / 11:35 0.79
CONSTITUENT					
Benzaldehyde	--	3800 UJ	380 U	390 U	380 U
Phenol	50000	3800 U	380 U	390 U	380 U
Bis(2-chloroethyl)ether	0.4	3800 U	380 U	390 U	380 U
2-Chlorophenol	4000	3800 U	380 U	390 U	380 U
2-Methylphenol	15000	3800 U	380 U	390 U	380 U
Bis(2-chloro-1-methylethyl) ether	10000	3800 U	380 U	390 U	380 U
Acetophenone	--	3800 UJ	380 U	390 U	380 U
4-Methylphenol	2800000	3800 U	380 U	390 U	380 U
N-Nitroso-di-n-propylamine	0.05	3800 U	380 U	390 U	380 U
Hexachloroethane	500	3800 U	380 U	390 U	380 U
Nitrobenzene	100	3800 U	380 U	390 U	380 U
Isophorone	500	3800 U	380 U	390 U	380 U
2-Nitrophenol	--	3800 U	380 U	390 U	380 U
2,4-Dimethylphenol	9000	3800 U	380 U	390 U	380 U
Bis(2-chloroethoxy)methane	--	3800 U	380 U	390 U	380 U
2,4-Dichlorophenol	1000	3800 U	380 U	390 U	380 U
Naphthalene	84000	1900 J	380 U	390 U	150 J
4-Chloroaniline	700	3800 U	380 U	390 U	380 U
Hexachlorobutadiene	1000	3800 U	380 U	390 U	380 U
Caprolactam	--	3800 UJ	380 U	390 U	380 U
4-Chloro-3-methylphenol	100000	3800 U	380 U	390 U	380 U
2-Methylnaphthalene	--	3300 J	62 J	390 U	290 J

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otes:
ll results are in ug/Kg.
hading indicates [illegible]edance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB72 CDE-BSB72-00 BZF14 08/18/2000 / 10:55 1	BSB73 CDE-BSB73-00 BZF69 08/30/2000 / 14:18 1.42	BSB73 CDE-BSB73-12 BZF70 08/30/2000 / 14:42 2.42	BSB74 CDE-BSB74-00 BZF91 09/07/2000 / 11:35 0.79
CONSTITUENT					
Hexachlorocyclopentadiene	10000	3800 U	380 U	390 U	380 U
2,4,6-Trichlorophenol	200	3800 U	380 U	390 U	380 U
2,4,5-Trichlorophenol	50000	9600 U	950 U	970 U	960 U
Biphenyl, 1,1-	--	3800 UJ	380 U	390 U	380 U
2-Chloronaphthalene	--	3800 U	380 U	390 U	380 U
2-Nitroaniline	--	9600 U	950 U	970 U	960 U
Dimethyl phthalate	50000	3800 U	380 U	390 U	380 U
2,6-Dinitrotoluene	0.7	3800 U	380 U	390 U	380 U
Acenaphthylene	--	3800 U	380 U	390 U	380 U
3-Nitroaniline	--	9600 U	950 U	970 U	960 U
Acenaphthene	100000	3800 U	380 U	390 U	380 U
2,4-Dinitrophenol	200	9600 U	950 U	970 U	960 UJ
4-Nitrophenol	--	9600 U	950 U	970 U	960 U
Dibenzofuran	--	970 J	380 U	390 U	380 U
2,4-Dinitrotoluene	0.8	3800 U	380 U	390 U	380 U
Diethyl phthalate	50000	3800 U	380 U	390 U	380 U
Fluorene	100000	3800 U	380 U	390 U	380 U
4-Chlorophenyl phenyl ether	--	3800 U	380 U	390 U	380 U
4-Nitroaniline	--	9600 U	950 U	970 U	960 U
4,6-Dinitro-2-methylphenol	--	9600 U	950 U	970 U	960 U
N-Nitrosodiphenylamine	1000	3800 U	380 U	390 U	380 U
Hexachlorobenzene	300	3800 U	380 U	390 U	380 U

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Notes:
All results are in ug/Kg.
Shading indicates exceedance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB72 CDE-BSB72-00 BZF14 08/18/2000 / 10:55 1	BSB73 CDE-BSB73-00 BZF69 08/30/2000 / 14:18 1.42	BSB73 CDE-BSB73-12 BZF70 08/30/2000 / 14:42 2.42	BSB74 CDE-BSB74-00 BZF91 09/07/2000 / 11:35 0.79
CONSTITUENT					
Atrazine	--	3800 UJ	380 U	390 U	380 U
Pentachlorophenol	30	9600 U	950 U	970 U	960 U
Phenanthrene	--	2700 J	60 J	390 U	190 J
Anthracene	100000	3800 U	380 U	390 U	380 U
Carbazole	600	3800 U	380 U	390 U	380 U
Di-n-butyl phthalate	100000	3800 U	380 U	390 U	380 U
Fluoranthene	100000	1200 J	48 J	390 U	140 J
Pyrene	100000	1100 J	46 J	390 U	130 J
Butyl benzyl phthalate	100000	3800 U	380 U	390 U	380 U
3,3'-Dichlorobenzidine	7	3800 U	380 U	390 U	380 U
Benzo(a)anthracene	600	710 J	380 U	390 U	87 J
Chrysene	9000	1300 J	380 U	390 U	150 J
bis(2-Ethylhexyl) phthalate	35000	3800 U	380 U	390 U	52 J
Di-n-octyl phthalate	100000	3800 U	380 U	390 U	380 U
Benzo(b)fluoranthene	600	870 J	380 U	390 U	140 J
Benzo(k)fluoranthene	900	390 J	380 U	390 U	50 J
Benzo(a)pyrene	60	540 J	380 U	390 U	83 J
Indeno(1,2,3-cd)pyrene	600	3800 UJ	380 U	390 U	76 J
Dibenzo(a,h)anthracene	60	3800 UJ	380 U	390 U	380 U
Benzo(g,h,i)perylene	--	3800 UJ	380 U	390 U	83 J
4-Bromophenyl-phenylether	--	3800 U	380 U	390 U	380 U
Total SVOC TICs		42900 NJ	2310 NJ	580 J	1441 NJ

301563

otes:
ll results are in ug/Kg.
hading indicates exceedance.

TABLE 3-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB74 CDE-BSB74-01 BZF92 Duplicate of CDE-BSB74-00	BSB74 CDE-BSB74-12 BZF93 09/07/2000 / 12:10 2.29	BSB76 CDE-BSB76-00 BZF90 09/07/2000 / 10:42 0.92	BSB77 CDE-BSB77-00 BZF89 09/07/2000 / 09:42 0.83
CONSTITUENT					
Benzaldehyde	--	380 U	380 U	110 J	700 U
Phenol	50000	380 U	380 U	770 U	700 U
Bis(2-chloroethyl)ether	0.4	380 U	380 U	770 U	700 U
2-Chlorophenol	4000	380 U	380 U	770 U	700 U
2-Methylphenol	15000	380 U	380 U	770 U	700 U
Bis(2-chloro-1-methylethyl) ether	10000	380 U	380 U	770 U	700 U
Acetophenone	--	380 U	380 U	380 J	700 U
4-Methylphenol	2800000	380 U	380 U	770 U	700 U
N-Nitroso-di-n-propylamine	0.05	380 U	380 U	770 U	700 U
Hexachloroethane	500	380 U	380 U	770 U	700 U
Nitrobenzene	100	380 U	380 U	770 U	700 U
Isophorone	500	380 U	380 U	770 U	700 U
2-Nitrophenol	--	380 U	380 U	770 U	700 U
2,4-Dimethylphenol	9000	380 U	380 U	770 U	700 U
Bis(2-chloroethoxy)methane	--	380 U	380 U	770 U	700 U
2,4-Dichlorophenol	1000	380 U	380 U	770 U	700 U
Naphthalene	84000	110 J	380 U	140 J	80 J
4-Chloroaniline	700	380 U	380 U	770 U	700 U
Hexachlorobutadiene	1000	380 U	380 U	770 U	700 U
Caprolactam	--	380 U	380 U	100 J	700 U
4-Chloro-3-methylphenol	100000	380 U	380 U	770 U	700 U
2-Methylnaphthalene	--	210 J	380 U	200 J	130 J

301564

Notes:
All results are in ug/Kg.
Shading indicates exceedance.

TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB74 CDE-BSB74-01 BZF92 Duplicate of CDE-BSB74-00	BSB74 CDE-BSB74-12 BZF93 09/07/2000 / 12:10 2.29	BSB76 CDE-BSB76-00 BZF90 09/07/2000 / 10:42 0.92	BSB77 CDE-BSB77-00 BZF89 09/07/2000 / 09:42 0.83
CONSTITUENT					
Hexachlorocyclopentadiene	10000	380 U	380 U	770 U	700 U
2,4,6-Trichlorophenol	200	380 U	380 U	770 U	700 U
2,4,5-Trichlorophenol	50000	960 U	950 U	1900 U	1800 U
Biphenyl, 1,1-	--	380 U	380 U	770 U	700 U
2-Chloronaphthalene	--	380 U	380 U	770 U	700 U
2-Nitroaniline	--	960 U	950 U	1900 U	1800 U
Dimethyl phthalate	50000	380 U	380 U	770 U	700 U
2,6-Dinitrotoluene	0.7	380 U	380 U	770 U	700 U
Acenaphthylene	--	380 U	380 U	430 J	160 J
3-Nitroaniline	--	960 U	950 U	1900 U	1800 U
Acenaphthene	100000	380 U	380 U	190 J	700 U
2,4-Dinitrophenol	200	960 UJ	950 UJ	1900 UJ	1800 UJ
4-Nitrophenol	--	960 U	950 U	1900 U	1800 U
Dibenzofuran	--	380 U	380 U	130 J	700 U
2,4-Dinitrotoluene	0.8	380 U	380 U	770 U	700 U
Diethyl phthalate	50000	380 U	380 U	160 J	700 U
Fluorene	100000	380 U	380 U	190 J	700 U
4-Chlorophenyl phenyl ether	--	380 U	380 U	770 U	700 U
4-Nitroaniline	--	960 U	950 U	1900 U	1800 U
4,6-Dinitro-2-methylphenol	--	960 U	950 U	1900 U	1800 U
N-Nitrosodiphenylamine	1000	380 U	380 U	770 U	700 U
Hexachlorobenzene	300	380 U	380 U	770 U	700 U

otes:
ll results are in ug/Kg.
hading indicates [illegible]eedance.

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TABLE G-21
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB74 CDE-BSB74-01 BZF92 Duplicate of CDE-BSB74-00	BSB74 CDE-BSB74-12 BZF93 09/07/2000 / 12:10 2.29	BSB76 CDE-BSB76-00 BZF90 09/07/2000 / 10:42 0.92	BSB77 CDE-BSB77-00 BZF89 09/07/2000 / 09:42 0.83
CONSTITUENT					
Atrazine	--	380 U	380 U	770 U	700 U
Pentachlorophenol	30	960 U	950 U	1900 U	1800 U
Phenanthrene	--	190 J	380 U	1400	460 J
Anthracene	100000	380 U	380 U	840	240 J
Carbazole	600	380 U	380 U	770 U	700 U
Di-n-butyl phthalate	100000	380 U	380 U	770 U	700 U
Fluoranthene	100000	150 J	380 U	2500	980
Pyrene	100000	160 J	380 U	2600	1000
Butyl benzyl phthalate	100000	380 U	380 U	770 U	700 U
3,3'-Dichlorobenzidine	7	380 U	380 U	770 U	700 U
Benzo(a)anthracene	600	94 J	380 U	1400	610 J
Chrysene	9000	150 J	380 U	1600	740
bis(2-Ethylhexyl) phthalate	35000	49 J	380 U	1600	510 J
Di-n-octyl phthalate	100000	380 U	380 U	770 U	700 U
Benzo(b)fluoranthene	600	120 J	380 U	3200	1100
Benzo(k)fluoranthene	900	40 J	380 U	870	410 J
Benzo(a)pyrene	60	68 J	380 U	2300	880
Indeno(1,2,3-cd)pyrene	600	58 J	380 U	2100	810
Dibenzo(a,h)anthracene	60	380 U	380 U	490 J	200 J
Benzo(g,h,i)perylene	--	58 J	380 U	2100	860
4-Bromophenyl-phenylether	--	380 U	380 U	770 U	700 U
Total SVOC TICs		424 NJ	300 NJ	317300 NJ	110430 NJ

301566

otes:
ll results are in ug/Kg.
hading indicates exceedance.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	*Screening* Criteria for Soils	*BSB01* CDE-BSB01-00 BZE72 08/14/2000 / 09:35 1.08	*BSB02* CDE-BSB02-00 BZE73 08/14/2000 / 10:10 1.5	*BSB03* CDE-BSB03-00 BZE75 08/14/2000 / 13:55 1.58	*BSB03* CDE-BSB03-01 BZE76 Duplicate of CDE-BSB03-00
CONSTITUENT					
alpha-BHC	0.5	2 U	2100 U	210 U	210 U
delta-BHC	--	2 U	2100 U	210 U	210 U
gamma-BHC (Lindane)	9	2 U	2100 U	210 U	210 U
beta-BHC	3	2 U	2100 U	210 U	210 U
Heptachlor	100	2 U	2100 U	210 U	210 U
Aldrin	40	R	R	R	R
Heptachlor epoxide	70	R	R	12000 NJD	R
Endosulfan I	18000	2 U	2100 U	210 U	210 U
Dieldrin	4	110 J	43000	410 U	410 U
4,4'-DDE	2000	42 J	12000 NJ	13000 NJD	6800 NJD
Endrin	1000	7.9 J	4100 U	2800	1600 J
Endosulfan II	18000	3.8 U	4100 U	410 U	410 U
4,4'-DDD	3000	3.8 U	4100 U	410 U	410 U
Endosulfan sulfate	--	30 J	4100 U	R	R
4,4'-DDT	2000	18 NJ	4100 U	410 U	410 U
Methoxychlor	50000	20 U	21000 U	2100 U	2100 U
Endrin ketone	--	3.8 U	4100 U	410 U	410 U
Endrin aldehyde	--	3.8 U	4100 U	R	R
alpha-Chlordane	2000	3.1 NJ	2100 U	710 NJ	R
gamma-Chlordane	2000	2 U	2100 U	210 U	210 U
Toxaphene	100	200 U	210000 U	21000 U	21000 U

301567

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB01 CDE-BSB01-00 BZE72 08/14/2000 / 09:35 1.08	BSB02 CDE-BSB02-00 BZE73 08/14/2000 / 10:10 1.5	BSB03 CDE-BSB03-00 BZE75 08/14/2000 / 13:55 1.58	BSB03 CDE-BSB03-01 BZE76 Duplicate of CDE-BSB03-00
CONSTITUENT					
Aroclor 1016	490	38 U	41000 U	4100 U	4100 U
Aroclor 1221	490	78 U	83000 U	8200 U	8400 U
Aroclor 1232	490	38 U	41000 U	4100 U	4100 U
Aroclor 1242	490	38 U	41000 U	4100 U	4100 U
Aroclor 1248	490	38 U	41000 U	4100 U	4100 U
Aroclor 1254	490	3000 D	1000000 D	580000 D	280000 D
Aroclor 1260	490	38 U	41000 U	4100 U	4100 U
Total PCBs PPM		3	1000	580	280

301568

lotes:
ll results are in ug/Kg (except Total PCBs PPM).
hading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB05 CDE-BSB05-00 BZE84 08/15/2000 / 14:20 0.75	BSB06 CDE-BSB06-00 BZE85 08/15/2000 / 13:40 0.83	BSB07 CDE-BSB07-00 BZE86 08/15/2000 / 14:45 1.75	BSB08 CDE-BSB08-00 BZE74 08/14/2000 / 11:45 2.58
CONSTITUENT					
alpha-BHC	0.5	2 U	2 U	2 U	250 U
delta-BHC	--	2 U	2 U	2 U	250 U
gamma-BHC (Lindane)	9	2 U	2 U	2 U	250 U
beta-BHC	3	2 U	2 U	2 U	250 U
Heptachlor	100	2 U	2 U	2 U	250 U
Aldrin	40	2 U	R	2 U	R
Heptachlor epoxide	70	2 U	R	2 U	**3800 NJ**
Endosulfan I	18000	2 U	2 U	2 U	250 U
Dieldrin	4	3.8 U	3.9 U	3.8 U	**16000 J**
4,4'-DDE	2000	3.8 U	81 JD	3.8 U	**5200 J**
Endrin	1000	3.8 U	11	3.8 U	**1300**
Endosulfan II	18000	3.8 U	3.9 U	3.8 U	480 U
4,4'-DDD	3000	3.8 U	3.9 U	3.8 U	480 U
Endosulfan sulfate	--	3.8 U	R	3.8 U	R
4,4'-DDT	2000	3.8 U	3.9 U	3.8 U	480 U
Methoxychlor	50000	20 U	20 U	20 U	2500 U
Endrin ketone	--	3.8 U	3.9 U	3.8 U	480 U
Endrin aldehyde	--	3.8 U	3.9 U	3.8 U	480 U
alpha-Chlordane	2000	2 U	R	2 U	600
gamma-Chlordane	2000	2 U	R	2 U	250 U
Toxaphene	100	200 U	200 U	200 U	25000 U

301569

lotes:
ll results are in ug/Kg (except Total PCBs PPM).
hading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB05 CDE-BSB05-00 BZE84 08/15/2000 / 14:20 0.75	BSB06 CDE-BSB06-00 BZE85 08/15/2000 / 13:40 0.83	BSB07 CDE-BSB07-00 BZE86 08/15/2000 / 14:45 1.75	BSB08 CDE-BSB08-00 BZE74 08/14/2000 / 11:45 2.58
CONSTITUENT					
Aroclor 1016	490	38 U	39 U	38 U	4800 U
Aroclor 1221	490	78 U	79 U	78 U	9800 U
Aroclor 1232	490	38 U	39 U	38 U	4800 U
Aroclor 1242	490	38 U	39 U	38 U	4800 U
Aroclor 1248	490	38 U	39 U	38 U	4800 U
Aroclor 1254	490	120 J	3500 D	74 NJ	320000 D
Aroclor 1260	490	38 U	39 U	38 U	4800 U
Total PCBs PPM		0.12	3.5	0.074	320

301570

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB09 CDE-BSB09-00 BZE79 08/15/2000 / 09:25 1.67	BSB09 CDE-BSB09-12 BZE78 08/15/2000 / 09:47 2.67	BSB12 CDE-BSB12-00 BZF71 08/30/2000 / 15:22 0.71	BSB14 CDE-BSB14-00 BZE94 08/15/2000 / 10:45 0.88
CONSTITUENT					
alpha-BHC	0.5	2 U	2.1 U	2.1 U	1.9 UJ
delta-BHC	--	2 U	2.1 U	2.1 U	1.9 UJ
gamma-BHC (Lindane)	9	2 U	2.1 U	2.1 U	1.9 UJ
beta-BHC	3	2 U	2.1 U	2.1 U	1.9 UJ
Heptachlor	100	2 U	2.1 U	2.1 U	1.9 UJ
Aldrin	40	R	R	2.1 U	1.9 UJ
Heptachlor epoxide	70	R	R	2.1 U	1.9 UJ
Endosulfan I	18000	2 U	2.1 U	2.1 U	1.9 UJ
Dieldrin	4	3.9 U	24	4.2 U	3.7 UJ
4,4'-DDE	2000	11 J	7.1 J	4.2 U	3.7 UJ
Endrin	1000	3.9 U	4.1 U	R	3.7 UJ
Endosulfan II	18000	3.9 U	4.1 U	R	3.7 UJ
4,4'-DDD	3000	3.9 U	4.1 U	4.2 U	3.7 UJ
Endosulfan sulfate	--	3.9 U	4.1 U	4.2 U	3.7 UJ
4,4'-DDT	2000	3.9 U	4.1 U	4.2 U	3.7 UJ
Methoxychlor	50000	20 U	21 U	R	19 UJ
Endrin ketone	--	3.9 U	4.1 U	R	3.7 UJ
Endrin aldehyde	--	3.9 U	4.1 U	4.2 U	3.7 UJ
alpha-Chlordane	2000	2 U	2.1 U	2.1 U	1.9 UJ
gamma-Chlordane	2000	2 U	2.1 U	5.7 J	1.9 UJ
Toxaphene	100	200 U	210 U	210 U	190 UJ

301571

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB09 CDE-BSB09-00 BZE79 08/15/2000 / 09:25 1.67	BSB09 CDE-BSB09-12 BZE78 08/15/2000 / 09:47 2.67	BSB12 CDE-BSB12-00 BZF71 08/30/2000 / 15:22 0.71	BSB14 CDE-BSB14-00 BZE94 08/15/2000 / 10:45 0.88
CONSTITUENT					
Aroclor 1016	490	39 U	41 U	42 U	37 UJ
Aroclor 1221	490	79 U	82 U	84 U	76 UJ
Aroclor 1232	490	39 U	41 U	42 U	37 UJ
Aroclor 1242	490	39 U	41 U	42 U	37 UJ
Aroclor 1248	490	43	41 U	42 U	37 UJ
Aroclor 1254	490	590	410	120	43 J
Aroclor 1260	490	39 U	41 U	42 U	37 UJ
Total PCBs PPM		0.633	0.41	0.12	0.043

301572

lotes:
ll results are in ug/Kg (except Total PCBs PPM).
hading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB15 CDE-BSB15-00 BZE95 08/15/2000 / 09:25 1.25	BSB16 CDE-BSB16-00 BZE96 08/15/2000 / 09:48 0.67	BSB17 CDE-BSB17-00 BZF87 09/05/2000 / 16:06 1.29	BSB18 CDE-BSB18-00 BZF34 08/22/2000 / 10:45 1.42
CONSTITUENT					
alpha-BHC	0.5	20 UJ	19 UJ	2 UJ	4 U
delta-BHC	--	20 UJ	19 UJ	2 UJ	4 U
gamma-BHC (Lindane)	9	20 UJ	19 UJ	2 UJ	4 U
beta-BHC	3	20 UJ	19 UJ	2 UJ	29
Heptachlor	100	20 UJ	19 UJ	2 UJ	4 U
Aldrin	40	280 J	82 NJ	2 UJ	4 U
Heptachlor epoxide	70	430 NJD	120 NJ	2 UJ	4 U
Endosulfan I	18000	20 UJ	19 UJ	2 UJ	4 U
Dieldrin	4	39 UJ	37 UJ	3.9 UJ	30
4,4'-DDE	2000	460 NJ	200 NJ	3.9 UJ	R
Endrin	1000	140 J	52 J	3.9 UJ	7.8 U
Endosulfan II	18000	39 UJ	37 UJ	3.9 UJ	7.8 U
4,4'-DDD	3000	39 UJ	37 UJ	3.9 UJ	7.8 U
Endosulfan sulfate	--	R	R	3.9 UJ	32
4,4'-DDT	2000	39 UJ	37 UJ	3.9 UJ	7.8 U
Methoxychlor	50000	200 UJ	190 UJ	20 UJ	39 J
Endrin ketone	--	39 UJ	37 UJ	3.9 UJ	7.8 U
Endrin aldehyde	--	39 UJ	37 UJ	3.9 UJ	7.8 U
alpha-Chlordane	2000	89 J	19 UJ	2 UJ	4 U
gamma-Chlordane	2000	R	19 UJ	2 UJ	4 U
Toxaphene	100	2000 UJ	1900 UJ	200 UJ	400 U

301573

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB15 CDE-BSB15-00 BZE95 08/15/2000 / 09:25 1.25	BSB16 CDE-BSB16-00 BZE96 08/15/2000 / 09:48 0.67	BSB17 CDE-BSB17-00 BZF87 09/05/2000 / 16:06 1.29	BSB18 CDE-BSB18-00 BZF34 08/22/2000 / 10:45 1.42
CONSTITUENT					
Aroclor 1016	490	390 UJ	370 UJ	39 UJ	78 U
Aroclor 1221	490	800 UJ	760 UJ	78 UJ	160 U
Aroclor 1232	490	390 UJ	370 UJ	39 UJ	78 U
Aroclor 1242	490	390 UJ	370 UJ	39 UJ	1900 D
Aroclor 1248	490	7600 JD	370 UJ	39 UJ	78 U
Aroclor 1254	490	35000 JD	12000 JD	R	2700 D
Aroclor 1260	490	390 UJ	370 UJ	39 UJ	78 U
Total PCBs PPM		42.6	12	U	4.6

301574

lotes:
ll results are in ug/Kg (except Total PCBs PPM).
hading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB18 CDE-BSB18-12 BZF35 08/22/2000 / 11:16 2.33	BSB19 CDE-BSB19-00 BZE98 08/16/2000 / 15:00 2.08	BSB20 CDE-BSB20-00 BZE59 08/11/2000 / 08:23 0.5	BSB20 CDE-BSB20-12 BZE60 08/11/2000 / 09:18 1.5
CONSTITUENT					
alpha-BHC	0.5	2 UJ	1.9 U	1.8 U	1.8 U
delta-BHC	--	2 UJ	1.9 U	1.8 U	1.8 U
gamma-BHC (Lindane)	9	2 UJ	1.9 U	1.8 U	1.8 U
beta-BHC	3	5.9 J	1.9 U	2.2 U	2.2 U
Heptachlor	100	2 UJ	1.9 U	1.8 U	1.8 U
Aldrin	40	2 UJ	1.9 U	15	48 DJ
Heptachlor epoxide	70	2 UJ	1.9 U	1.8 U	1.8 U
Endosulfan I	18000	2 UJ	1.9 U	1.8 U	1.8 U
Dieldrin	4	3.9 UJ	3.8 U	3.6 U	3.5 U
4,4'-DDE	2000	R	3.8 U	3.6 U	3.5 U
Endrin	1000	3.9 UJ	3.8 U	3.6 U	R
Endosulfan II	18000	3.9 UJ	3.8 U	3.6 U	R
4,4'-DDD	3000	3.9 UJ	3.8 U	3.6 U	5.1 NJ
Endosulfan sulfate	--	3.9 UJ	3.8 U	3.6 U	6.5
4,4'-DDT	2000	3.9 UJ	3.8 U	3.6 U	R
Methoxychlor	50000	3.9 UJ	19 U	18 U	18 U
Endrin ketone	--	3.9 UJ	3.8 U	3.6 U	3.5 U
Endrin aldehyde	--	3.9 UJ	3.8 U	3.6 U	3.5 U
alpha-Chlordane	2000	2 UJ	1.9 U	1.8 U	1.8 U
gamma-Chlordane	2000	2 UJ	1.9 U	R	R
Toxaphene	100	200 UJ	190 U	180 U	180 U

301575

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB18 CDE-BSB18-12 BZF35 08/22/2000 / 11:16 2.33	BSB19 CDE-BSB19-00 BZE98 08/16/2000 / 15:00 2.08	BSB20 CDE-BSB20-00 BZE59 08/11/2000 / 08:23 0.5	BSB20 CDE-BSB20-12 BZE60 08/11/2000 / 09:18 1.5
CONSTITUENT					
Aroclor 1016	490	39 UJ	38 U	36 U	35 U
Aroclor 1221	490	80 UJ	77 U	72 U	72 U
Aroclor 1232	490	39 UJ	38 U	36 U	35 U
Aroclor 1242	490	340 J	38 U	36 U	35 U
Aroclor 1248	490	39 UJ	38 U	36 U	35 U
Aroclor 1254	490	440 J	30 J	790	1700
Aroclor 1260	490	250 J	38 U	36 U	35 U
Total PCBs PPM		1.03	0.03	0.79	1.7

301576

lotes:
ll results are in ug/Kg (except Total PCBs PPM).
hading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB21 CDE-BSB21-00 BZF99 09/08/2000 / 11:10 1.58	BSB22 CDE-BSB22-00 BZF94 09/07/2000 / 15:42 1.5	BSB22 CDE-BSB22-12 BZF95 09/07/2000 / 16:03 2.42	BSB24 CDE-BSB24-00 BZF03 08/17/2000 / 08:15 1.13
CONSTITUENT					
alpha-BHC	0.5	1.8 U	1.9 UJ	2.1 UJ	1900 U
delta-BHC	--	11 NJ	1.9 UJ	2.1 UJ	1900 U
gamma-BHC (Lindane)	9	1.8 U	1.9 UJ	2.1 UJ	1900 U
beta-BHC	3	1.8 U	1.9 UJ	2.1 UJ	1900 U
Heptachlor	100	1.8 U	1.9 UJ	2.1 UJ	**32000 NJD**
Aldrin	40	46 JD	2.2 J	2.1 UJ	**27000**
Heptachlor epoxide	70	1.8 U	1.9 UJ	2.1 UJ	1900 U
Endosulfan I	18000	1.8 U	1.9 UJ	2.1 UJ	1900 U
Dieldrin	4	3.4 U	R	4.1 UJ	3600 U
4,4'-DDE	2000	R	3.8 UJ	4.1 UJ	**11000 J**
Endrin	1000	R	R	4.1 UJ	3600 U
Endosulfan II	18000	R	120 JD	4.1 UJ	3600 U
4,4'-DDD	3000	3.4 U	3.8 UJ	4.1 UJ	3600 U
Endosulfan sulfate	--	3.4 U	31 J	4.1 UJ	3600 U
4,4'-DDT	2000	R	3.8 UJ	4.1 UJ	3600 U
Methoxychlor	50000	18 U	19 UJ	21 UJ	19000 U
Endrin ketone	--	3.4 U	3.8 UJ	4.1 UJ	3600 U
Endrin aldehyde	--	R	3.8 UJ	4.1 UJ	3600 U
alpha-Chlordane	2000	R	1.9 UJ	2.1 UJ	1900 U
gamma-Chlordane	2000	R	R	2.1 UJ	1900 U
Toxaphene	100	180 U	190 UJ	210 UJ	190000 U

301577

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB21 CDE-BSB21-00 BZF99 09/08/2000 / 11:10 1.58	BSB22 CDE-BSB22-00 BZF94 09/07/2000 / 15:42 1.5	BSB22 CDE-BSB22-12 BZF95 09/07/2000 / 16:03 2.42	BSB24 CDE-BSB24-00 BZF03 08/17/2000 / 08:15 1.13
CONSTITUENT					
Aroclor 1016	490	34 U	38 UJ	41 UJ	36000 U
Aroclor 1221	490	69 U	76 UJ	82 UJ	73000 U
Aroclor 1232	490	34 U	38 UJ	41 UJ	36000 U
Aroclor 1242	490	34 U	38 UJ	41 UJ	36000 U
Aroclor 1248	490	34 U	38 UJ	41 UJ	1100000 JD
Aroclor 1254	490	2800 D	38 UJ	41 UJ	120000 J
Aroclor 1260	490	34 U	2900 JD	41 UJ	36000 U
Total PCBs PPM		2.8	2.9	U	1220

301578

lotes:
ll results are in ug/Kg (except Total PCBs PPM).
hading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB26 CDE-BSB26-00 BZE61 08/11/2000 / 09:50 1	BSB26 CDE-BSB26-12 BZE62 08/11/2000 / 10:30 1.33	BSB27 CDE-BSB27-00 BZF67 08/30/2000 / 11:40 1.42	BSB27 CDE-BSB27-12 BZF68 08/30/2000 / 11:57 2.33
CONSTITUENT					
alpha-BHC	0.5	1.9 U	1.9 U	2 U	1.9 U
delta-BHC	--	1.9 U	1.9 U	2 U	1.9 U
gamma-BHC (Lindane)	9	1.9 U	1.9 U	2 U	1.9 U
beta-BHC	3	1.9 U	1.9 U	2 U	1.9 U
Heptachlor	100	1.9 U	1.9 U	2 U	1.9 U
Aldrin	40	29	43 DJ	2.2	1.9 U
Heptachlor epoxide	70	1.9 U	1.9 U	2 U	1.9 U
Endosulfan I	18000	1.9 U	1.9 U	2 U	1.9 U
Dieldrin	4	3.7 U	3.7 U	3.8 U	3.7 U
4,4'-DDE	2000	3.7 U	3.7 U	3.8 U	3.7 U
Endrin	1000	R	3.7 U	9.7 NJ	3.7 U
Endosulfan II	18000	R	3.7 U	10 J	3.7 U
4,4'-DDD	3000	8.2 J	3.7 U	3.8 U	3.7 U
Endosulfan sulfate	--	15 J	4.1 NJ	3.8 U	3.7 U
4,4'-DDT	2000	3.7 U	R	3.8 U	3.7 U
Methoxychlor	50000	19 U	19 U	20 U	19 U
Endrin ketone	--	3.7 U	3.7 U	20 J	3.7 U
Endrin aldehyde	--	3.7 U	3.7 U	3.8 U	3.7 U
alpha-Chlordane	2000	1.9 U	1.9 U	2 U	1.9 U
gamma-Chlordane	2000	R	R	2 U	1.9 U
Toxaphene	100	190 U	190 U	200 U	190 U

301579

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB26 CDE-BSB26-00 BZE61 08/11/2000 / 09:50 1	BSB26 CDE-BSB26-12 BZE62 08/11/2000 / 10:30 1.33	BSB27 CDE-BSB27-00 BZF67 08/30/2000 / 11:40 1.42	BSB27 CDE-BSB27-12 BZF68 08/30/2000 / 11:57 2.33
CONSTITUENT					
Aroclor 1016	490	37 U	37 U	38 U	37 U
Aroclor 1221	490	75 U	75 U	78 U	76 U
Aroclor 1232	490	37 U	37 U	38 U	37 U
Aroclor 1242	490	37 U	37 U	38 U	37 U
Aroclor 1248	490	37 U	37 U	38 U	37 U
Aroclor 1254	490	2400 DJ	1200	230	52 J
Aroclor 1260	490	37 U	37 U	38 U	37 U
Total PCBs PPM		2.4	1.2	0.23	0.052

301580

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB28 CDE-BSB28-00 BZF42 08/23/2000 / 13:44 1.42	BSB28 CDE-BSB28-12 BZF43 08/23/2000 / 14:22 1.92	BSB29 CDE-BSB29-00 BZE63 08/11/2000 / 11:04 1	BSB29 CDE-BSB29-12 BZE64 08/11/2000 / 11:23 1.5
CONSTITUENT					
alpha-BHC	0.5	19 J	0.91 J	19 U	19 U
delta-BHC	--	20 U	3.9 U	19 U	19 U
gamma-BHC (Lindane)	9	20 U	3.9 U	19 U	19 U
beta-BHC	3	R	3.9 U	19 U	19 U
Heptachlor	100	20 U	3.9 U	41 U	68 U
Aldrin	40	20 U	3.9 U	1800 DJ	2900 DJN
Heptachlor epoxide	70	R	R	19 U	19 U
Endosulfan I	18000	R	R	19 U	19 U
Dieldrin	4	480 J	80 J	36 U	36 U
4,4'-DDE	2000	R	R	36 U	36 U
Endrin	1000	38 U	7.6 U	R	R
Endosulfan II	18000	38 U	7.6 U	36 U	R
4,4'-DDD	3000	38 U	7.6 U	68 NJ	82 NJ
Endosulfan sulfate	--	860 JD	160 D	39	36 U
4,4'-DDT	2000	38 U	7.6 U	36 U	36 U
Methoxychlor	50000	200 U	39 U	190 U	190 U
Endrin ketone	--	38 U	7.6 U	36 U	36 U
Endrin aldehyde	--	38 U	7.6 U	36 U	160 NJ
alpha-Chlordane	2000	20 U	3.9 U	19 U	19 U
gamma-Chlordane	2000	20 U	3.9 U	R	R
Toxaphene	100	2000 U	390 U	1900 U	1900 U

301581

lotes:
ll results are in ug/Kg (except Total PCBs PPM).
hading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB28 CDE-BSB28-00 BZF42 08/23/2000 / 13:44 1.42	BSB28 CDE-BSB28-12 BZF43 08/23/2000 / 14:22 1.92	BSB29 CDE-BSB29-00 BZE63 08/11/2000 / 11:04 1	BSB29 CDE-BSB29-12 BZE64 08/11/2000 / 11:23 1.5
CONSTITUENT					
Aroclor 1016	490	380 U	76 U	360 U	360 U
Aroclor 1221	490	770 U	150 U	740 U	740 U
Aroclor 1232	490	380 U	76 U	360 U	360 U
Aroclor 1242	490	39000 D	76 U	360 U	360 U
Aroclor 1248	490	380 U	76 U	360 U	360 U
Aroclor 1254	490	49000 D	8600 D	48000 D	53000 D
Aroclor 1260	490	380 U	76 U	360 U	360 U
Total PCBs PPM		88	8.6	48	53

301582

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB30 CDE-BSB30-00 BZF36 08/22/2000 / 14:49 1.58	BSB30 CDE-BSB30-12 BZF37 08/22/2000 / 15:34 2.58	BSB31 CDE-BSB31-00 BZF22 08/21/2000 / 14:47 1.83	BSB31 CDE-BSB31-12 BZF23 08/21/2000 / 15:18 2.67
CONSTITUENT					
alpha-BHC	0.5	0.51 J	2 U	62 J	2 UJ
delta-BHC	--	1.9 U	2 U	40 UJ	2 UJ
gamma-BHC (Lindane)	9	1.9 U	2 U	40 UJ	2 UJ
beta-BHC	3	1.9 U	2 U	R	2 UJ
Heptachlor	100	1.9 U	2 U	40 UJ	2 UJ
Aldrin	40	1.9 U	2 U	40 UJ	2 UJ
Heptachlor epoxide	70	R	2 U	R	2 UJ
Endosulfan I	18000	1.9 U	2 U	R	2 UJ
Dieldrin	4	R	3.8 U	2300 JD	3.7 J
4,4'-DDE	2000	R	R	1700 JD	3.8 UJ
Endrin	1000	3.8 U	3.8 U	79 UJ	3.8 UJ
Endosulfan II	18000	3.8 U	3.8 U	79 UJ	3.8 UJ
4,4'-DDD	3000	3.8 U	3.8 U	79 UJ	3.8 UJ
Endosulfan sulfate	--	R	7.3 J	2500 JD	5.6 J
4,4'-DDT	2000	3.8 U	3.8 U	79 UJ	3.8 UJ
Methoxychlor	50000	19 U	20 U	400 UJ	20 UJ
Endrin ketone	--	3.8 U	3.8 U	79 UJ	3.8 UJ
Endrin aldehyde	--	R	R	79 UJ	3.8 UJ
alpha-Chlordane	2000	1.9 U	2 U	40 UJ	2 UJ
gamma-Chlordane	2000	1.9 U	2 U	40 UJ	2 UJ
Toxaphene	100	190 U	200 U	4000 UJ	200 UJ

301583

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB30 CDE-BSB30-00 BZF36 08/22/2000 / 14:49 1.58	BSB30 CDE-BSB30-12 BZF37 08/22/2000 / 15:34 2.58	BSB31 CDE-BSB31-00 BZF22 08/21/2000 / 14:47 1.83	BSB31 CDE-BSB31-12 BZF23 08/21/2000 / 15:18 2.67
CONSTITUENT					
Aroclor 1016	490	38 U	38 U	790 UJ	38 UJ
Aroclor 1221	490	76 U	78 U	1600 UJ	77 UJ
Aroclor 1232	490	38 U	38 U	790 UJ	38 UJ
Aroclor 1242	490	38 U	38 U	140000 JD	200 J
Aroclor 1248	490	38 U	38 U	790 UJ	38 UJ
Aroclor 1254	490	520	510	150000 JD	290 J
Aroclor 1260	490	38 U	38 U	790 UJ	38 UJ
Total PCBs PPM		0.52	0.51	290	0.49

301584

lotes:
.ll results are in ug/Kg (except Total PCBs PPM).
hading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB33 CDE-BSB33-00 BZF85 09/05/2000 / 14:01 1.67	BSB33 CDE-BSB33-12 BZF86 09/05/2000 / 14:26 2.42	BSB34 CDE-BSB34-00 BZF73 09/01/2000 / 13:30 2.42	BSB34 CDE-BSB34-12 BZF74 09/01/2000 / 13:48 2.75
CONSTITUENT					
alpha-BHC	0.5	1.9 UJ	2 UJ	2 U	NA
delta-BHC	--	1.9 UJ	2 UJ	2 U	NA
gamma-BHC (Lindane)	9	1.9 UJ	2 UJ	2 U	NA
beta-BHC	3	1.9 UJ	2 UJ	2 U	NA
Heptachlor	100	1.9 UJ	2 UJ	2 U	NA
Aldrin	40	3.4 J	2.5 J	2.4 J	NA
Heptachlor epoxide	70	1.9 UJ	2 UJ	2 U	NA
Endosulfan I	18000	1.9 UJ	2 UJ	2 U	NA
Dieldrin	4	3.7 UJ	3.9 UJ	3.8 U	NA
4,4'-DDE	2000	3.7 UJ	3.9 UJ	3.8 U	NA
Endrin	1000	3.7 UJ	3.9 UJ	3.8 U	NA
Endosulfan II	18000	3.7 UJ	3.9 UJ	3.8 U	NA
4,4'-DDD	3000	3.7 UJ	3.9 UJ	3.8 U	NA
Endosulfan sulfate	--	3.7 UJ	3.9 UJ	3.8 U	NA
4,4'-DDT	2000	3.7 UJ	3.9 UJ	3.8 U	NA
Methoxychlor	50000	19 UJ	20 UJ	20 U	NA
Endrin ketone	--	3.7 UJ	3.9 UJ	3.8 U	NA
Endrin aldehyde	--	3.7 UJ	3.9 UJ	3.8 U	NA
alpha-Chlordane	2000	1.9 UJ	2 UJ	2 U	NA
gamma-Chlordane	2000	1.9 UJ	2 UJ	2 U	NA
Toxaphene	100	190 UJ	200 UJ	200 U	NA

301585

otes:
ll results are in ug/Kg (except Total PCBs PPM).
hading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB33 CDE-BSB33-00 BZF85 09/05/2000 / 14:01 1.67	BSB33 CDE-BSB33-12 BZF86 09/05/2000 / 14:26 2.42	BSB34 CDE-BSB34-00 BZF73 09/01/2000 / 13:30 2.42	BSB34 CDE-BSB34-12 BZF74 09/01/2000 / 13:48 2.75
CONSTITUENT					
Aroclor 1016	490	37 UJ	39 UJ	38 U	NA
Aroclor 1221	490	76 UJ	79 UJ	78 U	NA
Aroclor 1232	490	37 UJ	39 UJ	38 U	NA
Aroclor 1242	490	37 UJ	39 UJ	38 U	NA
Aroclor 1248	490	37 UJ	39 UJ	38 U	NA
Aroclor 1254	490	150 J	110 J	130	NA
Aroclor 1260	490	37 UJ	39 UJ	38 U	NA
Total PCBs PPM		0.15	0.11	0.13	NA

otes:
ll results are in ug/Kg (except Total PCBs PPM).
hading indicates exceedance of criteria.

301586

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB35 CDE-BSB35-00 BZE77 08/14/2000 / 14:37 1.17	BSB36 CDE-BSB36-00 BZF40 08/23/2000 / 11:00 1	BSB36 CDE-BSB36-12 BZF41 08/23/2000 / 11:36 1.75	BSB37 CDE-BSB37-00 BZF21 08/21/2000 / 09:43 0.75
CONSTITUENT					
alpha-BHC	0.5	20 U	2 U	2 U	**44 J**
delta-BHC	--	20 U	2 U	2 U	4.1 UJ
gamma-BHC (Lindane)	9	20 U	2 U	2 U	4.1 UJ
beta-BHC	3	20 U	R	**6.7**	4.1 UJ
Heptachlor	100	20 U	2 U	2 U	33 J
Aldrin	40	R	2 U	2 U	4.1 UJ
Heptachlor epoxide	70	R	2 U	2 U	4.1 UJ
Endosulfan I	18000	20 U	2 U	2 U	R
Dieldrin	4	**1300 D**	**29**	3.9 U	**83 J**
4,4'-DDE	2000	270 NJ	R	R	R
Endrin	1000	73 J	3.8 U	3.9 U	7.9 UJ
Endosulfan II	18000	39 U	3.8 U	3.9 U	7.9 UJ
4,4'-DDD	3000	39 U	3.8 U	3.9 U	7.9 UJ
Endosulfan sulfate	--	R	41 J	23 J	110 J
4,4'-DDT	2000	39 U	3.8 U	3.9 U	7.9 UJ
Methoxychlor	50000	200 U	20 U	20 U	40 UJ
Endrin ketone	--	39 U	3.8 U	3.9 U	7.9 UJ
Endrin aldehyde	--	39 U	3.8 U	R	7.9 UJ
alpha-Chlordane	2000	20 U	2 U	2 U	4.1 UJ
gamma-Chlordane	2000	20 U	2 U	2 U	4.1 UJ
Toxaphene	100	2000 U	200 U	200 U	400 UJ

301587

lotes:
ll results are in ug/Kg (except Total PCBs PPM).
hading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB35 CDE-BSB35-00 BZE77 08/14/2000 / 14:37 1.17	BSB36 CDE-BSB36-00 BZF40 08/23/2000 / 11:00 1	BSB36 CDE-BSB36-12 BZF41 08/23/2000 / 11:36 1.75	BSB37 CDE-BSB37-00 BZF21 08/21/2000 / 09:43 0.75
CONSTITUENT					
Aroclor 1016	490	390 U	38 U	39 U	79 UJ
Aroclor 1221	490	790 U	77 U	79 U	160 UJ
Aroclor 1232	490	390 U	38 U	39 U	79 UJ
Aroclor 1242	490	390 U	950	350	79 UJ
Aroclor 1248	490	390 U	38 U	39 U	79 UJ
Aroclor 1254	490	16000 D	2900 D	1500 D	8300 JD
Aroclor 1260	490	390 U	38 U	39 U	79 UJ
Total PCBs PPM		16	3.85	1.85	8.3

otes:
ll results are in ug/Kg (except Total PCBs PPM).
hading indicates exceedance of criteria.

301588

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB39 CDE-BSB39-00 BZE80 08/15/2000 / 08:20 1.83	BSB39 CDE-BSB39-12 BZE81 08/15/2000 / 08:55 2.83	BSB40 CDE-BSB40-00 BZF62 08/29/2000 / 14:43 0.67	BSB41 CDE-BSB41A-00 BZF64 08/30/2000 / 08:39 0.54
CONSTITUENT					
alpha-BHC	0.5	20 U	20 U	2.2 U	270 U
delta-BHC	--	20 U	20 U	2.2 U	270 U
gamma-BHC (Lindane)	9	20 U	20 U	2.2 U	270 U
beta-BHC	3	20 U	20 U	2.2 U	270 U
Heptachlor	100	20 U	20 U	2.2 U	270 U
Aldrin	40	R	R	2.2 U	**6100 D**
Heptachlor epoxide	70	R	R	2.2 U	270 U
Endosulfan I	18000	20 U	20 U	2.2 U	270 U
Dieldrin	4	38 U	38 U	4.3 U	R
4,4'-DDE	2000	280 NJ	680 JD	4.3 U	520 U
Endrin	1000	46	130 J	4.3 U	**26000 JD**
Endosulfan II	18000	38 U	38 U	4.3 U	R
4,4'-DDD	3000	38 U	38 U	4.3 U	520 U
Endosulfan sulfate	--	42 J	R	4.3 U	520 U
4,4'-DDT	2000	38 U	38 U	4.3 U	520 U
Methoxychlor	50000	200 U	200 U	22 U	2700 U
Endrin ketone	--	38 U	38 U	4.3 U	520 U
Endrin aldehyde	--	38 U	38 U	4.3 U	1300 NJ
alpha-Chlordane	2000	24 NJ	R	2.2 U	270 U
gamma-Chlordane	2000	20 U	20 U	2.2 U	R
Toxaphene	100	2000 U	2000 U	220 U	27000 U

301589

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB39 CDE-BSB39-00 BZE80 08/15/2000 / 08:20 1.83	BSB39 CDE-BSB39-12 BZE81 08/15/2000 / 08:55 2.83	BSB40 CDE-BSB40-00 BZF62 08/29/2000 / 14:43 0.67	BSB41 CDE-BSB41A-00 BZF64 08/30/2000 / 08:39 0.54
CONSTITUENT					
Aroclor 1016	490	380 U	380 U	43 U	5200 U
Aroclor 1221	490	770 U	770 U	87 U	11000 U
Aroclor 1232	490	380 U	380 U	43 U	5200 U
Aroclor 1242	490	380 U	380 U	43 U	5200 U
Aroclor 1248	490	1300	380 U	43 U	5200 U
Aroclor 1254	490	8100 D	22000 D	43 U	350000 JD
Aroclor 1260	490	380 U	380 U	43 U	5200 U
Total PCBs PPM		9.4	22	U	350

otes:
ll results are in ug/Kg (except Total PCBs PPM).
hading indicates exceedance of criteria.

301590

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB41 CDE-BSB41-00 BZF65 08/30/2000 / 09:45 1.38	BSB41 CDE-BSB41-12 BZF66 08/30/2000 / 10:15 1.71	BSB42 CDE-BSB42-00 BZF97 09/08/2000 / 09:25 1.17	BSB43 CDE-BSB43-00 BZF15 08/18/2000 / 11:45 1.25
CONSTITUENT					
alpha-BHC	0.5	19 U	19 U	2 U	200 U
delta-BHC	--	19 U	19 U	2 U	200 U
gamma-BHC (Lindane)	9	19 U	19 U	2 U	200 U
beta-BHC	3	19 U	19 U	2 U	200 U
Heptachlor	100	19 U	19 U	2 U	1500 J
Aldrin	40	740 JD	240 J	2 U	200 U
Heptachlor epoxide	70	19 U	19 U	2 U	450 NJ
Endosulfan I	18000	19 U	19 U	2 U	200 U
Dieldrin	4	R	R	4 U	400 U
4,4'-DDE	2000	38 U	37 U	4 U	3400
Endrin	1000	2000 JD	940 D	4 U	400 U
Endosulfan II	18000	38 U	37 U	4 U	400 U
4,4'-DDD	3000	38 U	37 U	4 U	400 U
Endosulfan sulfate	--	38 U	37 U	4 U	400 U
4,4'-DDT	2000	38 U	37 U	4 U	400 U
Methoxychlor	50000	190 U	190 U	20 U	2000 U
Endrin ketone	--	38 U	37 U	4 U	400 U
Endrin aldehyde	--	84 NJ	45 NJ	4 U	400 U
alpha-Chlordane	2000	19 U	19 U	2 U	200 U
gamma-Chlordane	2000	R	R	2 U	R
Toxaphene	100	1900 U	1900 U	200 U	20000 U

301591

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB41 CDE-BSB41-00 BZF65 08/30/2000 / 09:45 1.38	BSB41 CDE-BSB41-12 BZF66 08/30/2000 / 10:15 1.71	BSB42 CDE-BSB42-00 BZF97 09/08/2000 / 09:25 1.17	BSB43 CDE-BSB43-00 BZF15 08/18/2000 / 11:45 1.25
CONSTITUENT					
Aroclor 1016	490	380 U	370 U	39 U	4000 U
Aroclor 1221	490	770 U	760 U	80 U	8000 U
Aroclor 1232	490	380 U	370 U	39 U	4000 U
Aroclor 1242	490	380 U	370 U	39 U	35000 J
Aroclor 1248	490	380 U	370 U	39 U	4000 U
Aroclor 1254	490	30000 JD	11000 J	R	110000 D
Aroclor 1260	490	380 U	370 U	39 U	4000 U
Total PCBs PPM		30	11	U	113.5

301592

lotes:
ll results are in ug/Kg (except Total PCBs PPM).
hading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB43 CDE-BSB43-12 BZF16 08/18/2000 / 12:30 2.33	BSB43 CDE-BSB43-13 BZF17 Duplicate of CDE-BSB43-12	BSB44 CDE-BSB44-00 BZF20 08/21/2000 / 08:55 0.83	BSB45 CDE-BSB45-00 BZE97 08/15/2000 / 10:16 1.08
CONSTITUENT					
alpha-BHC	0.5	20 U	20 U	R	2.1 UJ
delta-BHC	--	20 U	20 U	3.9 UJ	2.1 UJ
gamma-BHC (Lindane)	9	20 U	20 U	3.9 UJ	2.1 UJ
beta-BHC	3	20 U	20 U	3.9 UJ	2.1 UJ
Heptachlor	100	220 J	160 J	3.9 UJ	2.1 UJ
Aldrin	40	20 U	20 U	3.9 UJ	5.2 NJ
Heptachlor epoxide	70	71 J	20 U	3.9 UJ	7.2 NJ
Endosulfan I	18000	20 U	20 U	R	2.1 UJ
Dieldrin	4	39 U	40 U	64 J	40 J
4,4'-DDE	2000	450 J	510 D	63 NJ	12 NJ
Endrin	1000	39 U	40 U	7.5 UJ	4.1 UJ
Endosulfan II	18000	39 U	40 U	7.5 UJ	4.1 UJ
4,4'-DDD	3000	39 U	40 U	7.5 UJ	4.1 UJ
Endosulfan sulfate	--	39 U	40 U	110 J	4.1 UJ
4,4'-DDT	2000	77 NJ	64 NJ	7.5 UJ	4.1 UJ
Methoxychlor	50000	200 U	200 U	39 UJ	21 UJ
Endrin ketone	--	39 U	40 U	7.5 UJ	4.1 UJ
Endrin aldehyde	--	39 U	40 U	7.5 UJ	4.1 UJ
alpha-Chlordane	2000	20 U	20 U	3.9 UJ	2.1 UJ
gamma-Chlordane	2000	R	R	3.9 UJ	2.1 UJ
Toxaphene	100	2000 U	2000 U	390 UJ	210 UJ

301593

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB43 CDE-BSB43-12 BZF16 08/18/2000 / 12:30 2.33	BSB43 CDE-BSB43-13 BZF17 Duplicate of CDE-BSB43-12	BSB44 CDE-BSB44-00 BZF20 08/21/2000 / 08:55 0.83	BSB45 CDE-BSB45-00 BZE97 08/15/2000 / 10:16 1.08
CONSTITUENT					
Aroclor 1016	490	390 U	400 U	75 UJ	41 UJ
Aroclor 1221	490	790 U	810 U	150 UJ	83 UJ
Aroclor 1232	490	390 U	400 U	75 UJ	41 UJ
Aroclor 1242	490	5700 J	3600 J	4300 JD	41 UJ
Aroclor 1248	490	390 U	400 U	75 UJ	41 UJ
Aroclor 1254	490	15000 D	12000 D	7700 JD	1000 JD
Aroclor 1260	490	390 U	400 U	75 UJ	41 UJ
Total PCBs PPM		20.7	15.6	12	1

301594

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB46 CDE-BSB46-00 BZF54 08/29/2000 / 11:40 0.83	BSB47 CDE-BSB47-00 BZF58 08/29/2000 / 10:25 1.58	BSB48 CDE-BSB48-00 BZF59 08/29/2000 / 08:55 1.75	BSB48 CDE-BSB48-01 BZF60 Duplicate of CDE-BSB48-00
CONSTITUENT					
alpha-BHC	0.5	2.1 U	2 U	1.9 U	1.9 U
delta-BHC	--	R	2 U	2.2 J	1.9 U
gamma-BHC (Lindane)	9	2.1 U	2 U	1.9 U	1.9 U
beta-BHC	3	2.1 U	2 U	1.9 U	1.9 U
Heptachlor	100	2.1 U	2 U	1.9 U	1.9 U
Aldrin	40	16 J	2 U	6	2.9 J
Heptachlor epoxide	70	2.1 U	2 U	1.9 U	1.9 U
Endosulfan I	18000	2.1 U	2 U	1.9 U	1.9 U
Dieldrin	4	4 U	3.8 U	3.8 U	3.7 U
4,4'-DDE	2000	4 U	3.8 U	3.8 U	3.7 U
Endrin	1000	4 U	3.8 U	3.8 U	3.7 U
Endosulfan II	18000	4 U	3.8 U	3.8 U	3.7 U
4,4'-DDD	3000	4 U	3.8 U	3.8 U	3.7 U
Endosulfan sulfate	--	4 U	3.8 U	3.8 U	3.7 U
4,4'-DDT	2000	4 U	3.8 U	3.8 U	3.7 U
Methoxychlor	50000	21 U	20 U	19 U	19 U
Endrin ketone	--	4 U	3.8 U	3.8 U	3.7 U
Endrin aldehyde	--	R	3.8 U	3.8 U	3.7 U
alpha-Chlordane	2000	2.1 U	2 U	1.9 U	1.9 U
gamma-Chlordane	2000	R	2 U	1.9 U	1.9 U
Toxaphene	100	210 U	200 U	190 U	190 U

301595

lotes:
\ll results are in ug/Kg (except Total PCBs PPM).
ihading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB46 CDE-BSB46-00 BZF54 08/29/2000 / 11:40 0.83	BSB47 CDE-BSB47-00 BZF58 08/29/2000 / 10:25 1.58	BSB48 CDE-BSB48-00 BZF59 08/29/2000 / 08:55 1.75	BSB48 CDE-BSB48-01 BZF60 Duplicate of CDE-BSB48-00
CONSTITUENT					
Aroclor 1016	490	40 U	38 U	38 U	37 U
Aroclor 1221	490	82 U	78 U	76 U	76 U
Aroclor 1232	490	40 U	38 U	38 U	37 U
Aroclor 1242	490	40 U	38 U	38 U	37 U
Aroclor 1248	490	40 U	38 U	38 U	37 U
Aroclor 1254	490	1300 J	38 U	410	160
Aroclor 1260	490	40 U	38 U	38 U	37 U
Total PCBs PPM		1.3	U	0.41	0.16

301596

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB48 CDE-BSB48-12 BZF61 08/29/2000 / 09:17 2.58	BSB52 CDE-BSB52-00 BZF45 08/25/2000 / 10:55 1.5	BSB52 CDE-BSB52-12 BZF48 08/25/2000 / 11:32 2.58	BSB53 CDE-BSB53-00 BZF39 08/23/2000 / 09:06 1.17
CONSTITUENT					
alpha-BHC	0.5	1.9 U	1000 J	12	3.4 J
delta-BHC	--	1.9 U	9.7 U	2 U	4 U
gamma-BHC (Lindane)	9	1.9 U	9.7 U	2 U	4 U
beta-BHC	3	1.9 U	9.7 U	2 U	R
Heptachlor	100	1.9 U	9.7 U	2 U	4 U
Aldrin	40	2.4	R	2 U	4 U
Heptachlor epoxide	70	1.9 U	9.7 U	2 U	4 U
Endosulfan I	18000	1.9 U	R	2 U	R
Dieldrin	4	3.7 U	19 U	3.8 U	90
4,4'-DDE	2000	3.7 U	240 J	R	R
Endrin	1000	3.7 U	19 U	3.8 U	7.7 U
Endosulfan II	18000	3.7 U	19 UJ	3.8 UJ	7.7 U
4,4'-DDD	3000	3.7 U	19 U	3.8 U	7.7 U
Endosulfan sulfate	--	3.7 U	57 J	2.2 J	110
4,4'-DDT	2000	3.7 U	R	3.8 U	7.7 U
Methoxychlor	50000	19 U	97 U	20 U	44
Endrin ketone	--	3.7 U	19 U	3.8 U	3.1 NJ
Endrin aldehyde	--	3.7 U	R	2.3 NJ	7.7 U
alpha-Chlordane	2000	1.9 U	9.7 U	2 U	4 U
gamma-Chlordane	2000	1.9 U	R	R	4 U
Toxaphene	100	190 U	970 U	200 U	400 U

301597

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB48 CDE-BSB48-12 BZF61 08/29/2000 / 09:17 2.58	BSB52 CDE-BSB52-00 BZF45 08/25/2000 / 10:55 1.5	BSB52 CDE-BSB52-12 BZF48 08/25/2000 / 11:32 2.58	BSB53 CDE-BSB53-00 BZF39 08/23/2000 / 09:06 1.17
CONSTITUENT					
Aroclor 1016	490	37 U	190 U	38 U	77 U
Aroclor 1221	490	76 U	380 U	78 U	160 U
Aroclor 1232	490	37 U	190 U	38 U	77 U
Aroclor 1242	490	37 U	190 U	38 U	**5000 D**
Aroclor 1248	490	37 U	190 U	38 U	77 U
Aroclor 1254	490	46 J	5400	130	**7500 D**
Aroclor 1260	490	37 U	190 U	38 U	77 U
Total PCBs PPM		0.046	5.4	0.13	12.5

301598

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB54 CDE-BSB54-00 BZF49 08/25/2000 / 13:00 1.46	BSB55 CDE-BSB55-00 BZF12 08/18/2000 / 09:33 1.08	BSB56 CDE-BSB56-00 BZF01 08/17/2000 / 09:45 1.42	BSB56 CDE-BSB56-12 BZF02 08/17/2000 / 09:59 1.75
CONSTITUENT					
alpha-BHC	0.5	2 U	230 U	200 U	200 U
delta-BHC	--	2 U	230 U	200 U	200 U
gamma-BHC (Lindane)	9	2 U	230 U	R	R
beta-BHC	3	2 U	230 U	200 U	200 U
Heptachlor	100	2 U	320 NJ	200 U	200 U
Aldrin	40	2 U	230 U	6300 NJD	4300 NJD
Heptachlor epoxide	70	2 U	660	7300 NJD	6100 NJD
Endosulfan I	18000	2 U	230 U	200 U	200 U
Dieldrin	4	3.8 U	440 U	390 U	390 U
4,4'-DDE	2000	R	3000 NJ	11000 JD	8200 NJD
Endrin	1000	3.8 U	440 U	2000 J	2000 J
Endosulfan II	18000	3.8 UJ	440 U	390 U	390 U
4,4'-DDD	3000	3.8 U	440 U	390 U	390 U
Endosulfan sulfate	--	2.3 J	440 U	R	R
4,4'-DDT	2000	3.8 U	1000 NJ	390 U	390 U
Methoxychlor	50000	20 U	2300 U	2000 U	2000 U
Endrin ketone	--	3.8 U	440 U	390 U	390 U
Endrin aldehyde	--	1.9 NJ	440 U	390 U	<390 R
alpha-Chlordane	2000	2 U	230 U	770 NJ	670 NJ
gamma-Chlordane	2000	R	R	R	R
Toxaphene	100	200 U	23000 U	20000 U	20000 U

301599

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB54 CDE-BSB54-00 BZF49 08/25/2000 / 13:00 1.46	BSB55 CDE-BSB55-00 BZF12 08/18/2000 / 09:33 1.08	BSB56 CDE-BSB56-00 BZF01 08/17/2000 / 09:45 1.42	BSB56 CDE-BSB56-12 BZF02 08/17/2000 / 09:59 1.75
CONSTITUENT					
Aroclor 1016	490	38 U	4400 U	3900 U	3900 U
Aroclor 1221	490	77 U	9000 U	8000 U	7800 U
Aroclor 1232	490	38 U	4400 U	3900 U	3900 U
Aroclor 1242	490	38 U	9600	3900 U	3900 U
Aroclor 1248	490	38 U	4400 U	200000 JD	3900 U
Aroclor 1254	490	100	140000 D	430000 D	360000 D
Aroclor 1260	490	38 U	4400 U	3900 U	3900 U
Total PCBs PPM		0.1	149.6	630	360

301600

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB57 CDE-BSB57-00 BZF11 08/18/2000 / 08:40 1.42	BSB58 CDE-BSB58-00 BZE65 08/11/2000 / 13:40 1	BSB58 CDE-BSB58-12 BZE66 08/11/2000 / 14:05 2	BSB59 CDE-BSB59-00 BZF50 08/25/2000 / 14:10 0.63
CONSTITUENT					
alpha-BHC	0.5	19 U	210 U	2.3 U	**1500 DJ**
delta-BHC	--	23 J	210 U	2.3 U	10 U
gamma-BHC (Lindane)	9	19 U	210 U	2.3 U	**9.7 J**
beta-BHC	3	19 U	210 U	2.3 U	10 U
Heptachlor	100	19 U	210 U	2.3 U	10 U
Aldrin	40	R	**9200 DJ**	**200 DJ**	R
Heptachlor epoxide	70	41	210 U	R	10 U
Endosulfan I	18000	19 U	210 U	2.3 U	R
Dieldrin	4	37 U	400 U	4.4 U	20 U
4,4'-DDE	2000	140 J	400 U	4.4 U	220 J
Endrin	1000	37 U	R	R	20 U
Endosulfan II	18000	37 U	R	R	20 UJ
4,4'-DDD	3000	37 U	500 NJ	9.4 NJ	20 U
Endosulfan sulfate	--	37 U	400 U	4.4 U	73
4,4'-DDT	2000	50 NJ	400 U	4.4 U	R
Methoxychlor	50000	190 U	2100 U	23 U	100 U
Endrin ketone	--	37 U	400 U	4.4 U	20 U
Endrin aldehyde	--	37 U	1300 NJ	20 NJ	R
alpha-Chlordane	2000	19 U	210 U	2.3 U	10 U
gamma-Chlordane	2000	R	R	R	R
Toxaphene	100	1900 U	21000 U	230 U	1000 U

301601

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB57 CDE-BSB57-00 BZF11 08/18/2000 / 08:40 1.42	BSB58 CDE-BSB58-00 BZE65 08/11/2000 / 13:40 1	BSB58 CDE-BSB58-12 BZE66 08/11/2000 / 14:05 2	BSB59 CDE-BSB59-00 BZF50 08/25/2000 / 14:10 0.63
CONSTITUENT					
Aroclor 1016	490	370 U	4000 U	44 U	200 U
Aroclor 1221	490	750 U	8100 U	89 U	400 U
Aroclor 1232	490	370 U	4000 U	44 U	200 U
Aroclor 1242	490	900 J	4000 U	44 U	200 U
Aroclor 1248	490	370 U	4000 U	44 U	200 U
Aroclor 1254	490	6600 D	340000 D	5400 D	5700
Aroclor 1260	490	370 U	4000 U	44 U	200 U
Total PCBs PPM		6.6	340	5.4	5.7

301602

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB60 CDE-BSB60-00 BZF04 08/17/2000 / 14:50 1.5	BSB61 CDE-BSB61-00 BZE99 08/17/2000 / 11:00 1.83	BSB61 CDE-BSB61-12 BZF00 08/17/2000 / 11:23 1.92	BSB62 CDE-BSB62-00 BZF52 08/28/2000 / 13:45 1.79
CONSTITUENT					
alpha-BHC	0.5	2300 U	2000 U	2400 U	2.1 U
delta-BHC	--	2300 U	2000 U	2400 U	2.1 U
gamma-BHC (Lindane)	9	2300 U	2000 U	2400 U	2.1 U
beta-BHC	3	2300 U	2000 U	2400 U	2.1 U
Heptachlor	100	6200 NJ	2000 U	30000 NJD	2.1 U
Aldrin	40	11000 J	28000 NJ	34000	2.1 U
Heptachlor epoxide	70	17000 J	19000 NJ	98000 D	2.1 U
Endosulfan I	18000	2300 U	2000 U	2400 U	2.1 U
Dieldrin	4	64000 JD	3900 U	310000 D	4.1 U
4,4'-DDE	2000	17000 NJ	34000 J	50000 NJ	4.1 U
Endrin	1000	5000 J	8200 J	15000 J	4.1 U
Endosulfan II	18000	4500 U	3900 U	4700 U	4.1 U
4,4'-DDD	3000	4500 U	3900 U	4700 U	4.1 U
Endosulfan sulfate	--	6000 NJ	8100 NJ	<4700 R	4.1 U
4,4'-DDT	2000	4500 U	3900 U	4700 U	4.1 U
Methoxychlor	50000	23000 U	20000 U	24000 U	21 U
Endrin ketone	--	4500 U	3900 U	4700 U	4.1 U
Endrin aldehyde	--	4500 U	3900 U	4700 U	4.1 U
alpha-Chlordane	2000	2300 U	2100 NJ	R	2.1 U
gamma-Chlordane	2000	2300 U	2000 U	2400 U	2.1 U
Toxaphene	100	230000 U	20000 U	240000 U	210 U

301603

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB60 CDE-BSB60-00 BZF04 08/17/2000 / 14:50 1.5	BSB61 CDE-BSB61-00 BZE99 08/17/2000 / 11:00 1.83	BSB61 CDE-BSB61-12 BZF00 08/17/2000 / 11:23 1.92	BSB62 CDE-BSB62-00 BZF52 08/28/2000 / 13:45 1.79
CONSTITUENT					
Aroclor 1016	490	45000 U	39000 U	47000 U	41 U
Aroclor 1221	490	91000 U	79000 U	94000 U	83 U
Aroclor 1232	490	45000 U	39000 U	47000 U	41 U
Aroclor 1242	490	45000 U	39000 U	47000 U	41 U
Aroclor 1248	490	130000 J	440000 JD	850000 J	41 U
Aroclor 1254	490	880000 D	1700000 D	4400000 D	41 U
Aroclor 1260	490	45000 U	39000 U	47000 U	41 U
Total PCBs PPM		1010	2140	5250	U

301604

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB63 CDE-BSB63-00 BZF53 08/28/2000 / 14:27 1.75	BSB66 CDE-BSB66-00 BZF81 09/05/2000 / 08:41 0.67	BSB67 CDE-BSB67-00 BZF98 09/08/2000 / 10:00 0.67	BSB68 CDE-BSB68-00 BZG00 09/08/2000 / 12:30 1.58
CONSTITUENT					
alpha-BHC	0.5	1.9 U	2 UJ	19 U	2 U
delta-BHC	--	1.9 U	4.2 NJ	19 U	2 U
gamma-BHC (Lindane)	9	1.9 U	2 UJ	19 U	2 U
beta-BHC	3	1.9 U	2 UJ	19 U	2 U
Heptachlor	100	1.9 U	2 UJ	19 U	2 U
Aldrin	40	1.9 U	6.2 J	1100 JD	2 U
Heptachlor epoxide	70	1.9 U	2 UJ	19 U	2 U
Endosulfan I	18000	1.9 U	2 UJ	19 U	2 U
Dieldrin	4	3.8 U	4 UJ	37 U	3.8 U
4,4'-DDE	2000	3.8 U	4 UJ	37 U	3.8 U
Endrin	1000	3.8 U	4 UJ	37 U	3.8 U
Endosulfan II	18000	3.8 U	4 UJ	R	3.8 U
4,4'-DDD	3000	3.8 U	4 UJ	37 U	3.8 U
Endosulfan sulfate	--	3.8 U	4 UJ	37 U	3.8 U
4,4'-DDT	2000	3.8 U	4 UJ	37 U	3.8 U
Methoxychlor	50000	19 U	20 UJ	190 U	20 U
Endrin ketone	--	3.8 U	4 UJ	37 U	3.8 U
Endrin aldehyde	--	3.8 U	4 UJ	37 U	3.8 U
alpha-Chlordane	2000	1.9 U	2 UJ	19 U	2 U
gamma-Chlordane	2000	1.9 U	2 UJ	R	2 U
Toxaphene	100	190 U	200 UJ	1900 U	200 U

301605

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB63 CDE-BSB63-00 BZF53 08/28/2000 / 14:27 1.75	BSB66 CDE-BSB66-00 BZF81 09/05/2000 / 08:41 0.67	BSB67 CDE-BSB67-00 BZF98 09/08/2000 / 10:00 0.67	BSB68 CDE-BSB68-00 BZG00 09/08/2000 / 12:30 1.58
CONSTITUENT					
Aroclor 1016	490	38 U	40 UJ	370 U	38 U
Aroclor 1221	490	77 U	81 UJ	760 U	77 U
Aroclor 1232	490	38 U	40 UJ	370 U	38 U
Aroclor 1242	490	38 U	40 UJ	370 U	38 U
Aroclor 1248	490	38 U	40 UJ	370 U	38 U
Aroclor 1254	490	38 U	350 J	49000 JD	50 J
Aroclor 1260	490	38 U	40 UJ	370 U	38 U
Total PCBs PPM		U	0.35	49	0.05

301606

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB68 CDE-BSB68-12 BZG01 09/08/2000 / 12:40 2.42	BSB69 CDE-BSB69-00 BZF13 08/18/2000 / 10:25 1.17	BSB71 CDE-BSB71-00 BZF55 08/28/2000 / 10:58 1.67	BSB71 CDE-BSB71-12 BZF56 08/28/2000 / 11:20 2.67
CONSTITUENT					
alpha-BHC	0.5	2 U	20 U	2 U	2 U
delta-BHC	--	2 U	20 U	2.1 NJ	3.2 NJ
gamma-BHC (Lindane)	9	2 U	20 U	2 U	2 U
beta-BHC	3	2 U	20 U	2 U	7.4 NJ
Heptachlor	100	2 U	110	2 U	2 U
Aldrin	40	2 U	310	6.6 J	14
Heptachlor epoxide	70	2 U	170 J	2 U	2 U
Endosulfan I	18000	2 U	20 U	2 U	2 U
Dieldrin	4	3.8 U	R	3.8 U	3.9 U
4,4'-DDE	2000	3.8 U	1600 JD	3.8 U	3.9 U
Endrin	1000	3.8 U	38 U	3.8 U	9.9 NJ
Endosulfan II	18000	3.8 U	38 U	3.8 U	3.9 U
4,4'-DDD	3000	3.8 U	38 U	3.8 U	3.9 U
Endosulfan sulfate	--	3.8 U	38 U	3.8 U	3.9 U
4,4'-DDT	2000	3.8 U	410 NJD	3.8 U	3.9 U
Methoxychlor	50000	20 U	200 U	20 U	20 U
Endrin ketone	--	3.8 U	R	3.8 U	3.9 U
Endrin aldehyde	--	3.8 U	38 U	3.8 U	3.9 U
alpha-Chlordane	2000	2 U	20 U	2 U	2 U
gamma-Chlordane	2000	2 U	R	2 U	R
Toxaphene	100	200 U	2000 U	200 U	200 U

301607

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB68 CDE-BSB68-12 BZG01 09/08/2000 / 12:40 2.42	BSB69 CDE-BSB69-00 BZF13 08/18/2000 / 10:25 1.17	BSB71 CDE-BSB71-00 BZF55 08/28/2000 / 10:58 1.67	BSB71 CDE-BSB71-12 BZF56 08/28/2000 / 11:20 2.67
CONSTITUENT					
Aroclor 1016	490	38 U	380 U	38 U	39 U
Aroclor 1221	490	78 U	780 U	77 U	79 U
Aroclor 1232	490	38 U	380 U	38 U	39 U
Aroclor 1242	490	38 U	3300	38 U	39 U
Aroclor 1248	490	38 U	380 U	38 U	39 U
Aroclor 1254	490	94 J	45000 D	85 J	340 J
Aroclor 1260	490	38 U	380 U	38 U	39 U
Total PCBs PPM		0.094	48.3	0.085	0.34

301608

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB72 CDE-BSB72-00 BZF14 08/18/2000 / 10:55 1	BSB73 CDE-BSB73-00 BZF69 08/30/2000 / 14:18 1.42	BSB73 CDE-BSB73-12 BZF70 08/30/2000 / 14:42 2.42	BSB74 CDE-BSB74-00 BZF91 09/07/2000 / 11:35 0.79
CONSTITUENT					
alpha-BHC	0.5	20 U	1.9 U	2 U	2 UJ
delta-BHC	--	20 U	1.9 U	2 U	2 UJ
gamma-BHC (Lindane)	9	20 U	1.9 U	2 U	2 UJ
beta-BHC	3	20 U	1.9 U	2 U	2 UJ
Heptachlor	100	22 NJ	1.9 U	2 U	2 UJ
Aldrin	40	100 J	1.9 U	2 U	4 NJ
Heptachlor epoxide	70	45 J	1.9 U	2 U	2 UJ
Endosulfan I	18000	20 U	1.9 U	2 U	2 UJ
Dieldrin	4	39 U	3.7 U	3.9 U	3.9 UJ
4,4'-DDE	2000	400 D	3.7 U	3.9 U	3.9 UJ
Endrin	1000	39 U	5.1 J	3.9 U	R
Endosulfan II	18000	39 U	3.7 U	3.9 U	3.9 UJ
4,4'-DDD	3000	39 U	3.7 U	3.9 U	3.9 UJ
Endosulfan sulfate	--	39 U	3.7 U	3.9 U	3.9 UJ
4,4'-DDT	2000	100 J	3.7 U	3.9 U	3.9 UJ
Methoxychlor	50000	200 U	19 U	20 U	20 UJ
Endrin ketone	--	52	3.7 U	3.9 U	3.9 UJ
Endrin aldehyde	--	39 U	3.7 U	3.9 U	3.9 UJ
alpha-Chlordane	2000	20 U	1.9 U	2 U	2 UJ
gamma-Chlordane	2000	R	1.9 U	2 U	2 UJ
Toxaphene	100	2000 U	190 U	200 U	200 UJ

301609

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB72 CDE-BSB72-00 BZF14 08/18/2000 / 10:55 1	BSB73 CDE-BSB73-00 BZF69 08/30/2000 / 14:18 1.42	BSB73 CDE-BSB73-12 BZF70 08/30/2000 / 14:42 2.42	BSB74 CDE-BSB74-00 BZF91 09/07/2000 / 11:35 0.79
CONSTITUENT					
Aroclor 1016	490	390 U	37 U	39 U	39 UJ
Aroclor 1221	490	780 U	76 U	79 U	79 UJ
Aroclor 1232	490	390 U	37 U	39 U	39 UJ
Aroclor 1242	490	1400 J	37 U	39 U	39 UJ
Aroclor 1248	490	390 U	37 U	39 U	39 UJ
Aroclor 1254	490	9000 JD	81	39 U	220 J
Aroclor 1260	490	390 U	37 U	39 U	39 UJ
Total PCBs PPM		10.4	0.081	U	0.22

301610

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB74 CDE-BSB74-01 BZF92 Duplicate of CDE-BSB74-00	BSB74 CDE-BSB74-12 BZF93 09/07/2000 / 12:10 2.29	BSB76 CDE-BSB76-00 BZF90 09/07/2000 / 10:42 0.92	BSB77 CDE-BSB77-00 BZF89 09/07/2000 / 09:42 0.83
CONSTITUENT					
alpha-BHC	0.5	2 UJ	2 UJ	200 UJ	18 UJ
delta-BHC	--	2 UJ	2 UJ	200 UJ	18 UJ
gamma-BHC (Lindane)	9	2 UJ	2 UJ	200 UJ	18 UJ
beta-BHC	3	2 UJ	2 UJ	200 UJ	18 UJ
Heptachlor	100	2 UJ	2 UJ	200 UJ	R
Aldrin	40	2 UJ	2 UJ	**8500 NJ**	**2800 JD**
Heptachlor epoxide	70	2 UJ	2 UJ	200 UJ	18 UJ
Endosulfan I	18000	2 UJ	2 UJ	200 UJ	18 UJ
Dieldrin	4	3.9 UJ	3.8 UJ	380 UJ	36 UJ
4,4'-DDE	2000	3.9 UJ	3.8 UJ	380 UJ	36 UJ
Endrin	1000	9.8 NJ	3.8 UJ	380 UJ	36 UJ
Endosulfan II	18000	3.9 UJ	3.8 UJ	R	36 UJ
4,4'-DDD	3000	3.9 UJ	3.8 UJ	380 UJ	36 UJ
Endosulfan sulfate	--	3.9 UJ	3.8 UJ	380 UJ	36 UJ
4,4'-DDT	2000	3.9 UJ	3.8 UJ	380 UJ	36 UJ
Methoxychlor	50000	20 UJ	20 UJ	2000 UJ	180 UJ
Endrin ketone	--	3.9 UJ	3.8 UJ	380 UJ	36 UJ
Endrin aldehyde	--	3.9 UJ	3.8 UJ	1100 NJ	430 NJ
alpha-Chlordane	2000	2 UJ	2 UJ	200 UJ	18 UJ
gamma-Chlordane	2000	2 UJ	2 UJ	R	R
Toxaphene	100	200 UJ	200 UJ	20000 UJ	1800 UJ

301611

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-22
PESTICIDES AND PCBs DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB74 CDE-BSB74-01 BZF92 Duplicate of CDE-BSB74-00	BSB74 CDE-BSB74-12 BZF93 09/07/2000 / 12:10 2.29	BSB76 CDE-BSB76-00 BZF90 09/07/2000 / 10:42 0.92	BSB77 CDE-BSB77-00 BZF89 09/07/2000 / 09:42 0.83
CONSTITUENT					
Aroclor 1016	490	39 UJ	38 UJ	3800 UJ	360 UJ
Aroclor 1221	490	78 UJ	78 UJ	7800 UJ	720 UJ
Aroclor 1232	490	39 UJ	38 UJ	3800 UJ	360 UJ
Aroclor 1242	490	39 UJ	38 UJ	3800 UJ	360 UJ
Aroclor 1248	490	39 UJ	38 UJ	3800 UJ	360 UJ
Aroclor 1254	490	110 J	38 UJ	280000 JD	120000 JD
Aroclor 1260	490	39 UJ	38 UJ	3800 UJ	360 UJ
Total PCBs PPM		0.11	U	280	120

301612

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-23
INORGANICS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB01 CDE-BSB01-00 MBTL97 08/14/2000 / 09:35 1.08	BSB02 CDE-BSB02-00 MBTL98 08/14/2000 / 10:10 1.5	BSB03 CDE-BSB03-00 MBTM00 08/14/2000 / 13:55 1.58	BSB03 CDE-BSB03-01 MBTM01 Duplicate of CDE-BSB03-00
CONSTITUENT					
Aluminum	--	13600	4760	14700	13700
Antimony	5	1.1 U	13 B	1.2 U	1.5 B
Arsenic	0.4	2.2 B	12.5	0.94 B	1.8 B
Barium	700	128	886	63.9	57.5
Beryllium	2	1.1 B	0.4 B	0.75 B	0.68 B
Cadmium	8	0.09 U	162	0.1 U	0.1 U
Calcium	--	10300	6500	1970	1860
Chromium	38	30.7	39.7	29.3	26
Cobalt	--	22.3	20.9	26.4	22.9
Copper	600	36	1010	19.2	17.3
Cyanide	40	0.25 U	0.56 B	0.28 U	0.28 U
Iron	--	31500	58100	29900	26000
Lead	400	39.9	2390	18.8	15.7
Magnesium	--	9110	1820	6230	5710
Manganese	--	1150	572	641	524
Mercury	2	0.54 J	8.1 J	0.06 U	0.06 U
Nickel	130	41	377	32.6	29.4
Potassium	--	2600 J	871 B	2070 J	1890 J
Selenium	5	0.49 U	U	0.63 B	0.55 U
Silver	34	0.45 B	2.8	0.14 U	0.15 U
Sodium	--	263 B	935 B	521 B	525 B
Thallium	0.7	0.77 B	2.9	0.55 U	0.76 B
Vanadium	370	35.5	22	31.7	27.8
Zinc	1500	97.4	1410	78.6	72.3

301613

Notes:
All results are in mg/Kg.
Shading indicates exceedance of criteria.

TABLE G-23
INORGANICS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB05 CDE-BSB05-00 MBTM09 08/15/2000 / 14:20 0.75	BSB06 CDE-BSB06-00 MBTM10 08/15/2000 / 13:40 0.83	BSB07 CDE-BSB07-00 MBTM11 08/15/2000 / 14:45 1.75	BSB08 CDE-BSB08-00 MBTL99 08/14/2000 / 11:45 2.58
CONSTITUENT					
Aluminum	--	8430	10100	10400	9170
Antimony	5	1.1 U	1.1 U	1.1 U	3.8 B
Arsenic	0.4	6.3	3.1	1.7 B	7.8
Barium	700	90.3	187	87.8	697
Beryllium	2	0.89 B	1.2	0.75 B	0.22 B
Cadmium	8	0.09 U	0.09 U	0.09 U	12.5
Calcium	--	11300	11900	1280	12200
Chromium	38	56.1	28.6	20.8	111
Cobalt	--	28.3	42	12.8	10.5 B
Copper	600	40	12.7	12.8	1360
Cyanide	40	0.26 U	0.27 U	0.26 U	0.32 U
Iron	--	49700	31700	23400	58900
Lead	400	18.4	2920	17.5	1380
Magnesium	--	6200	6440	4600	3500
Manganese	--	732	996	683	377
Mercury	2	0.06 U	0.06 U	0.06 U	5 J
Nickel	130	116	40.1	26.1	79.1
Potassium	--	2300 J	2690 J	1730 J	389 B
Selenium	5	1 B	0.73 B	0.51 U	0.61 U
Silver	34	0.13 U	0.14 U	0.14 U	2.9
Sodium	--	225 B	415 B	392 B	473 B
Thallium	0.7	1.3 B	0.94 B	0.53 U	2 B
Vanadium	370	32	31.5	23.8	28.1
Zinc	1500	72.6	80.1	62.6	1270

Notes:
All results are in mg/Kg.
Shading indicates exceedance of criteria.

301614

TABLE G-23
INORGANICS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB09 CDE-BSB09-00 MBTM04 08/15/2000 / 09:25 1.67	BSB09 CDE-BSB09-12 MBTM03 08/15/2000 / 09:47 2.67	BSB12 CDE-BSB12-00 MBTM91 08/30/2000 / 15:22 0.71	BSB14 CDE-BSB14-00 MBTM17 08/15/2000 / 10:45 0.88
CONSTITUENT					
Aluminum	--	1190	840	6580	13700
Antimony	5	1.1 U	1.2 U	1.7 B	1.1 U
Arsenic	0.4	0.88 U	2.2 B	9.4	1.2 B
Barium	700	8.8 B	10.1 B	180	66.1
Beryllium	2	0.09 B	0.1 B	0.32 B	1 B
Cadmium	8	0.09 U	0.1 U	0.12 U	0.09 U
Calcium	--	1000 B	527 B	58100	1850 J
Chromium	38	5.7	4.7	18.5	26.8 J
Cobalt	--	0.92 B	0.65 B	29.7	20.1
Copper	600	5.6 B	4.4 B	39.5	8.7 J
Cyanide	40	0.26 U	0.28 U	0.25 U	0.25 U
Iron	--	4600	4850	18000	33000
Lead	400	8.6	15.3	404	22.2
Magnesium	--	203 B	71.1 B	2460	8070 J
Manganese	--	23.6	10.4	269	846
Mercury	2	0.06 U	0.06 U	0.17	0.06 R
Nickel	130	2 B	1.7 B	10.5	41.4
Potassium	--	211 B	184 B	1620 J	4120 J
Selenium	5	0.51 U	0.54 U	0.94 U	0.5 U
Silver	34	0.14 U	0.18 B	0.43 U	0.14 U
Sodium	--	71.4 U	211 B	671 B	180 B
Thallium	0.7	0.53 U	0.94 B	1.9 U	0.52 U
Vanadium	370	10.6 B	12.7	10.2 B	27
Zinc	1500	13.6	10	82.5	92.4

301615

Notes:
All results are in mg/Kg.
Shading indicates exceedance of criteria.

TABLE G-23
INORGANICS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB15 CDE-BSB15-00 MBTM18 08/15/2000 / 09:25 1.25	BSB16 CDE-BSB16-00 MBTM19 08/15/2000 / 09:48 0.67	BSB17 CDE-BSB17-00 MBTN04 09/05/2000 / 16:06 1.29	BSB18 CDE-BSB18-00 MBTM54 08/22/2000 / 10:45 1.42
CONSTITUENT					
Aluminum	--	8540	10200	26300	2180
Antimony	5	1.5 B	1.6 B	1.5 B	2.8 B
Arsenic	0.4	13.1 J	8.6 J	1.9 B	18.5
Barium	700	119	80.8	111	89.5
Beryllium	2	0.54 B	0.31 B	1.6	0.4 B
Cadmium	8	4.3	4	0.22 U	0.12 U
Calcium	--	16800 J	13200 J	1270	4650
Chromium	38	26.4 J	129 J	38.7 J	22.3
Cobalt	--	23.3	96.8	22.3	13.8
Copper	600	83.5 J	148 J	9.7	48.4
Cyanide	40	0.27 U	6.8	0.17 U	0.25 U
Iron	--	20400	38300	45400	51800
Lead	400	295	272	16.7	102
Magnesium	--	7860 J	12500 J	10600	677 B
Manganese	--	823	552	990	419
Mercury	2	0.61	0.06 R	0.05 UJ	0.29
Nickel	130	27.5	40	37.8 J	91.1
Potassium	--	1180 J	491 B	6180	330 B
Selenium	5	0.54 BJ	0.5 U	0.45 U	0.91 U
Silver	34	7.8	0.88 B	0.22 U	0.42 U
Sodium	--	402 B	824 B	666 BJ	400 B
Thallium	0.7	0.53 U	0.52 U	2.5 J	1.8 U
Vanadium	370	26.9	66.3	40.1	11.3 B
Zinc	1500	431	135	100 J	63.2

301616

Notes:
All results are in mg/Kg.
Shading indicates exceedance of criteria.

TABLE G-23
INORGANICS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB18 CDE-BSB18-12 MBTM55 08/22/2000 / 11:16 2.33	BSB19 CDE-BSB19-00 MBTM21 08/16/2000 / 15:00 2.08	BSB20 CDE-BSB20-00 MBTL84 08/11/2000 / 08:23 0.5	BSB20 CDE-BSB20-12 MBTL85 08/11/2000 / 09:18 1.5
CONSTITUENT					
Aluminum	--	9170	10700	8050 J	7480 J
Antimony	5	1.1 U	1.1 U	1.4 UJ	1.4 UJ
Arsenic	0.4	4.3 J	2.3	75.3	75.7
Barium	700	109	72.5	76.9	110
Beryllium	2	0.53 B	0.72 B	0.18 U	0.17 U
Cadmium	8	0.11 U	0.09 U	0.58 B	0.65 B
Calcium	--	2000	4260 J	1870 J	6890 J
Chromium	38	13.5	17.8 J	15.6	14.8
Cobalt	--	11.1 B	12.3	9.4 B	10.2 B
Copper	600	15	11.9 J	26.2 J	19.8 J
Cyanide	40	0.24 U	0.25 U	0.14 U	0.14 U
Iron	--	19100	20700	18800 J	15800 J
Lead	400	20.5	25.9	45.8 J	52.1 J
Magnesium	--	3580	4410 J	3730 J	4750 J
Manganese	--	531	665	482 J	626 J
Mercury	2	0.07 R	0.06 R	0.06 B	0.05 U
Nickel	130	27	25.4	18.8 J	23.1 J
Potassium	--	1130 B	1660 J	1350 J	1660 J
Selenium	5	0.89 U	0.54 BJ	0.29 UJ	0.48 BJ
Silver	34	0.43 B	0.13 U	0.93 B	1.9 B
Sodium	--	232 B	83.7 B	362 B	467 B
Thallium	0.7	1.8 U	0.51 U	0.44 U	0.43 U
Vanadium	370	16.1	22.1	21.5	20
Zinc	1500	52.5	55.6	71.1 J	211 J

301617

Notes:
All results are in mg/Kg.
Shading indicates exceedance of criteria.

TABLE G-23
INORGANICS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB21 CDE-BSB21-00 MBTN16 09/08/2000 / 11:10 1.58	BSB22 CDE-BSB22-00 MBTN11 09/07/2000 / 15:42 1.5	BSB22 CDE-BSB22-12 MBTN12 09/07/2000 / 16:03 2.42	BSB24 CDE-BSB24-00 MBTM26 08/17/2000 / 08:15 1.13
CONSTITUENT					
Aluminum	--	534	16400	18900	2410
Antimony	5	0.62 B	0.72 B	0.95 B	1.1 U
Arsenic	0.4	0.6 B	2.2 B	2.8	9.7
Barium	700	76.1	109	191	226
Beryllium	2	0.2 U	1.1 B	1.4	0.17 B
Cadmium	8	0.8 B	0.23 U	0.23 U	7.1
Calcium	--	55700	902 B	754 B	58800 J
Chromium	38	10 J	23.5	19.7	75.7 J
Cobalt	--	4 B	14 J	14.7 J	55.7
Copper	600	15.7	9.8	7.5	103 J
Cyanide	40	0.15 U	0.17 U	0.17 U	0.24 U
Iron	--	5380	27400	26900	7980
Lead	400	45	13.1	11.4	274
Magnesium	--	955 B	5890	4360	2690 J
Manganese	--	31.8	851	2050	125
Mercury	2	0.34 J	0.06 B	0.09 B	0.34
Nickel	130	2.4 B	26.6	21.4	13.3
Potassium	--	171 B	1900	1190	271 B
Selenium	5	0.4 U	0.46 UJ	0.46 UJ	0.48 U
Silver	34	34.4	0.23 U	0.23 U	14.2
Sodium	--	268 BJ	476 B	395 B	495 B
Thallium	0.7	0.6 UJ	2.1 B	1.6 B	0.5 U
Vanadium	370	2.1 B	30.4	34	11.2
Zinc	1500	78.4 J	69.8	63.6	1610

301618

Notes:
All results are in mg/Kg.
Shading indicates exceedance of criteria.

TABLE G-23
INORGANICS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB26 CDE-BSB26-00 MBTL86 08/11/2000 / 09:50 1	BSB26 CDE-BSB26-12 MBTL87 08/11/2000 / 10:30 1.33	BSB27 CDE-BSB27-00 MBTM87 08/30/2000 / 11:40 1.42	BSB27 CDE-BSB27-12 MBTM88 08/30/2000 / 11:57 2.33
CONSTITUENT					
Aluminum	--	5720 J	7950 J	8850	8320
Antimony	5	1.5 UJ	1.4 UJ	1.1 U	1.1 U
Arsenic	0.4	92.1	85.5	4.5	4.1
Barium	700	61.2	76.8	110	115
Beryllium	2	0.18 U	0.18 U	0.73 B	0.62 B
Cadmium	8	0.53 U	0.54 B	0.11 U	0.11 U
Calcium	--	916 B	1120 B	802 B	1690
Chromium	38	10.4	17.2	9.4	10.2
Cobalt	--	4.8 B	9.9 B	7.3 B	7.8 B
Copper	600	37.8 J	12.9 J	13.8	18.5
Cyanide	40	0.14 U	0.14 U	0.24 U	0.5 B
Iron	--	11100 J	16900 J	10400	12200
Lead	400	82.7 J	32.5 J	12.8	28.9
Magnesium	--	1830 J	3620 J	2490	2900
Manganese	--	341 J	920 J	710	555
Mercury	2	0.06 U	0.06 U	0.12	0.06 U
Nickel	130	9.6 J	18.9 J	12.2	14.5
Potassium	--	561 B	1050 B	568 B	791 B
Selenium	5	0.55 BJ	0.97 BJ	0.85 U	0.85 U
Silver	34	1.5 B	0.72 B	0.39 U	0.39 U
Sodium	--	554 B	544 B	165 B	200 B
Thallium	0.7	0.46 U	0.45 U	1.7 U	1.7 U
Vanadium	370	16.1	21.2	14.6	15.3
Zinc	1500	77.9 J	65.9 J	37.7	58.6

301619

Notes:
All results are in mg/Kg.
Shading indicates exceedance of criteria.

TABLE G-23
INORGANICS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB28 CDE-BSB28-00 MBTM63 08/23/2000 / 13:44 1.42	BSB28 CDE-BSB28-12 MBTM64 08/23/2000 / 14:22 1.92	BSB29 CDE-BSB29-00 MBTL88 08/11/2000 / 11:04 1	BSB29 CDE-BSB29-12 MBTL89 08/11/2000 / 11:23 1.5
CONSTITUENT					
Aluminum	--	9730	11400	5610 J	11200 J
Antimony	5	1.1 U	1.1 U	1.4 UJ	1.5 UJ
Arsenic	0.4	1.9 B	1.5 B	60.8	64.3
Barium	700	90.9	101	98.5	712
Beryllium	2	0.3 B	0.23 B	0.18 U	0.18 U
Cadmium	8	0.11 U	0.11 U	0.81 B	0.95 B
Calcium	--	1560	1220	1890 J	13800 J
Chromium	38	11.4 J	12.7 J	11.5	19.3
Cobalt	--	10.7 B	12.5	6.2 B	10.7 B
Copper	600	15.1	7.1	17.8 J	21.3 J
Cyanide	40	0.24 U	0.25 U	0.14 U	0.26 B
Iron	--	12000	11000	10900 J	19300 J
Lead	400	17.3 J	6.6 J	110 J	415 J
Magnesium	--	3330	3930	2450 J	7200 J
Manganese	--	505	579	506 J	1930 J
Mercury	2	0.06 U	0.06 U	0.05 U	0.08 B
Nickel	130	16.5	21	12 J	22.9 J
Potassium	--	646 B	1060 B	1070 B	2470 J
Selenium	5	0.89 UJ	0.89 UJ	0.54 BJ	0.95 BJ
Silver	34	4	0.5 B	1.5 B	1.1 B
Sodium	--	537 B	497 B	635 B	923 B
Thallium	0.7	1.8 UJ	1.8 UJ	0.45 U	0.45 U
Vanadium	370	18.7	17.2	21	25.3
Zinc	1500	50.2	48.5	181 J	227 J

301620

lotes:
.ll results are in mg/Kg.
hading indicates exceedance of criteria.

TABLE G-23
INORGANICS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB30 CDE-BSB30-00 MBTM57 08/22/2000 / 14:49 1.58	BSB30 CDE-BSB30-12 MBTM58 08/22/2000 / 15:34 2.58	BSB31 CDE-BSB31-00 MBTM45 08/21/2000 / 14:47 1.83	BSB31 CDE-BSB31-12 MBTM46 08/21/2000 / 15:18 2.67
CONSTITUENT					
Aluminum	--	11600	9950	6890	11100
Antimony	5	1.1 U	1.2 U	1.2 U	1.1 U
Arsenic	0.4	3.4 J	2.2 BJ	2 B	2.6 J
Barium	700	120	113	89.4	66.8
Beryllium	2	0.77 B	0.6 B	0.44 B	0.29 B
Cadmium	8	0.11 U	0.12 U	0.12 U	0.11 U
Calcium	--	1220	856 B	515 B	931 B
Chromium	38	14.9	11	7.3 J	14.6
Cobalt	--	12.9	8.4 B	4.6 B	11.2 B
Copper	600	25.2	9	8.1	9.2
Cyanide	40	0.24 U	0.25 U	0.25 U	0.25 U
Iron	--	15900	11500	9180	14300
Lead	400	18.8	9.5	8.5	11.3
Magnesium	--	4210	3210	1360	4220
Manganese	--	1070	643	538	367
Mercury	2	0.31	0.06 U	0.08 R	0.21 R
Nickel	130	22.4	15.2	7.5 B	17.1
Potassium	--	1080 B	858 B	285 B	1290
Selenium	5	0.88 U	0.92 U	1.1 BJ	0.89 U
Silver	34	0.46 B	0.44 B	0.44 B	0.41 U
Sodium	--	207 B	180 B	133 B	171 B
Thallium	0.7	1.8 U	2.6 J	2.5	1.8 U
Vanadium	370	22	16.6	13.5	20.3
Zinc	1500	59.2	43	24.9	49.2

301621

Notes:
All results are in mg/Kg.
Shading indicates exceedance of criteria.

TABLE G-23
INORGANICS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB33 CDE-BSB33-00 MBTN02 09/05/2000 / 14:01 1.67	BSB33 CDE-BSB33-12 MBTN03 09/05/2000 / 14:26 2.42	BSB34 CDE-BSB34-00 MBTM93 09/01/2000 / 13:30 2.42	BSB34 CDE-BSB34-12 MBTM94 09/01/2000 / 13:48 2.75
CONSTITUENT					
Aluminum	--	17800	26900	7350	8640
Antimony	5	1.4 B	1.6 B	1.1 U	1.1 U
Arsenic	0.4	2.5	2 B	3.3	3.2
Barium	700	131	90.5	101	111
Beryllium	2	0.78 B	1.1	0.42 B	0.38 B
Cadmium	8	0.22 U	0.3 B	0.11 U	0.11 U
Calcium	--	1170	1070 B	2600	2580
Chromium	38	17.1 J	38 J	10.2	11.8
Cobalt	--	8.1 B	20.1	7.7 B	12.3
Copper	600	11.4	12.9	13.8	9.9
Cyanide	40	0.16 U	0.17 U	0.24 U	0.23 U
Iron	--	19000	43400	11000	12100
Lead	400	8.8	13.2	16.5	15.8
Magnesium	--	3240	10300	2640	3810
Manganese	--	733	800	437	688
Mercury	2	0.06 BJ	0.06 UJ	0.07 B	0.07 B
Nickel	130	13.4 J	34.9 J	12.5	17.3
Potassium	--	1210	4900	1100 B	1660 J
Selenium	5	0.45 U	0.44 U	0.88 U	0.86 U
Silver	34	0.22 U	0.22 U	0.4 U	0.39 U
Sodium	--	366 BJ	564 BJ	254 B	267 B
Thallium	0.7	1.7 BJ	2.3 J	1.8 U	1.8 B
Vanadium	370	30.2	46	13.3	16.1
Zinc	1500	45.3 J	98.5 J	37.9	48.3

301622

lotes:
ll results are in mg/Kg.
hading indicates exceedance of criteria.

TABLE G-23
INORGANICS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB35 CDE-BSB35-00 MBTM02 08/14/2000 / 14:37 1.17	BSB36 CDE-BSB36-00 MBTM61 08/23/2000 / 11:00 1	BSB36 CDE-BSB36-12 MBTM62 08/23/2000 / 11:36 1.75	BSB37 CDE-BSB37-00 MBTM44 08/21/2000 / 09:43 0.75
CONSTITUENT					
Aluminum	--	2650	5790	9500	9860
Antimony	5	1.2 U	14.9	3.8 B	1.2 U
Arsenic	0.4	2.7	16	25.8	5
Barium	700	52.8	1170	372	171
Beryllium	2	0.23 B	0.25 B	0.36 B	0.57 B
Cadmium	8	0.09 U	0.21 B	0.12 U	0.34 B
Calcium	--	567 B	2500	2780	1850
Chromium	38	8.8	21.9	14.6 J	11.5
Cobalt	--	4.1 B	7.9 B	11.2 B	7.9 B
Copper	600	12.4	63.9	42.6	19.3
Cyanide	40	0.27 U	0.25 U	0.25 U	0.25 U
Iron	--	10000	21000	19900	13400
Lead	400	40	52600	5340 J	114
Magnesium	--	1180 B	2030	3190	1720
Manganese	--	186	356	552	317
Mercury	2	0.06 U	0.54	0.24	0.14 R
Nickel	130	8.5 B	25.2	25	9.6
Potassium	--	409 B	847 B	1090 B	574 B
Selenium	5	0.52 U	0.91 U	0.93 UJ	0.93 U
Silver	34	0.14 U	2.9	0.88 B	0.46 B
Sodium	--	282 B	200 B	291 B	332 B
Thallium	0.7	1 B	3.1 J	1.9 UJ	2.2 B
Vanadium	370	10.9 B	16.5	19.2	19.8
Zinc	1500	23.5	198	176	190

301623

Notes:
All results are in mg/Kg.
Shading indicates exceedance of criteria.

TABLE G-23
INORGANICS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB39 CDE-BSB39-00 MBTM05 08/15/2000 / 08:20 1.83	BSB39 CDE-BSB39-12 MBTM06 08/15/2000 / 08:55 2.83	BSB40 CDE-BSB40-00 MBTM82 08/29/2000 / 14:43 0.67	BSB41 CDE-BSB41A-00 MBTM84 08/30/2000 / 08:39 0.54
CONSTITUENT					
Aluminum	--	7370	6550	7040	60200
Antimony	5	2.1 B	2.1 B	1.2 U	1.8 B
Arsenic	0.4	3.4	2.9	4	1.5 U
Barium	700	241	183	91.6	266
Beryllium	2	0.67 B	0.69 B	0.48 B	0.18 B
Cadmium	8	0.09 U	0.09 U	0.12 U	45.5
Calcium	--	11900	3920	7950	3110
Chromium	38	20.4	25.2	7.9	37.6
Cobalt	--	12	13.9	10.5 B	5.2 B
Copper	600	15	24.2	11.8	2630
Cyanide	40	0.26 U	0.26 U	0.27 U	0.66 B
Iron	--	21200	23200	9590	27300
Lead	400	486	530	15	189
Magnesium	--	5390	4230	2170	838 B
Manganese	--	485	473	449	182
Mercury	2	0.06 U	0.06 U	0.18	0.47
Nickel	130	24.9	25.7	8.6 B	189
Potassium	--	1710 J	1530 J	1200 B	314 B
Selenium	5	0.48 U	0.49 U	0.97 U	1.1 U
Silver	34	0.13 U	0.13 U	0.45 U	0.95 B
Sodium	--	418 B	290 B	468 B	807 B
Thallium	0.7	0.51 U	1.7 B	1.9 U	2.1 U
Vanadium	370	24	24.9	14.7	6.3 B
Zinc	1500	92.9	169	29.5	552

301624

Notes:
All results are in mg/Kg.
Shading indicates exceedance of criteria.

TABLE G-23
INORGANICS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB41 CDE-BSB41-00 MBTM85 08/30/2000 / 09:45 1.38	BSB41 CDE-BSB41-12 MBTM86 08/30/2000 / 10:15 1.71	BSB42 CDE-BSB42-00 MBTN14 09/08/2000 / 09:25 1.17	BSB43 CDE-BSB43-00 MBTM38 08/18/2000 / 11:45 1.25
CONSTITUENT					
Aluminum	--	10300	7030	20100	5850
Antimony	5	1.1 U	1.1 U	2.4 B	**7.5 B**
Arsenic	0.4	**3.1**	**2.1 B**	**3.4**	**70.2**
Barium	700	149	68.8	143	186
Beryllium	2	0.64 B	0.43 B	1.2 B	0.49 B
Cadmium	8	0.11 U	0.11 U	0.24 U	0.1 U
Calcium	--	8220	2440	2160	1680 J
Chromium	38	12.6	7.4	23.2 J	**62.2**
Cobalt	--	14.3	8.3 B	15.5	18.4
Copper	600	21.2	25.6	11.5	151
Cyanide	40	0.33 B	0.81	0.18 U	0.38 B
Iron	--	16200	6640	25800	147000
Lead	400	35.1	31.9	19.4	384
Magnesium	--	3920	2320	4870	1720
Manganese	--	1710	657	1200	1340
Mercury	2	0.06 U	0.06 U	0.07 BJ	0.41 J
Nickel	130	17.8	11.6	21.7 J	95.4
Potassium	--	2000 J	1100 B	2350	646 B
Selenium	5	0.88 U	0.87 U	0.47 U	0.52 U
Silver	34	0.41 U	0.4 U	0.24 U	0.14 U
Sodium	--	723 B	504 B	647 BJ	73.2 U
Thallium	0.7	**2 B**	1.7 U	0.71 UJ	**1.7 B**
Vanadium	370	16.5	10.3 B	34.5	28
Zinc	1500	52.9	32.7	66.8 J	214

301625

lotes:
ll results are in mg/Kg.
hading indicates exceedance of criteria.

TABLE G-23
INORGANICS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB43 CDE-BSB43-12 MBTM39 08/18/2000 / 12:30 2.33	BSB43 CDE-BSB43-13 MBTM40 Duplicate of CDE-BSB43-12	BSB44 CDE-BSB44-00 MBTM43 08/21/2000 / 08:55 0.83	BSB45 CDE-BSB45-00 MBTM20 08/15/2000 / 10:16 1.08
CONSTITUENT					
Aluminum	--	8290	7890	11900	11700
Antimony	5	1.1 U	1.1 U	1.2 B	1.2 U
Arsenic	0.4	6.3	11.9	2.7	1.4 B
Barium	700	87.9	83.2	373	140
Beryllium	2	0.78 B	0.64 B	0.54 B	1 B
Cadmium	8	0.09 U	0.2 B	1.9	0.1 U
Calcium	--	1540 J	1440 J	3560	13100 J
Chromium	38	10.6	9.2	29	21.4 J
Cobalt	--	6.5 B	9.3 B	17.3	24.6
Copper	600	10.6	11.6	76.4	5.7 B
Cyanide	40	0.26 U	0.27 U	0.24 U	0.27 U
Iron	--	13700	14000	20600	19100
Lead	400	23.5	22	69.6	17.1
Magnesium	--	1750	1770	7970	8710 J
Manganese	--	581	880	589	551
Mercury	2	R	R	R	R
Nickel	130	10.7	10.9	36.4	37.9
Potassium	--	586 B	607 B	2600	3930 J
Selenium	5	0.51 U	0.51 U	1.6 J	0.53 U
Silver	34	0.14 U	0.17 B	0.78 B	0.14 U
Sodium	--	191 B	183 B	430 B	1150 B
Thallium	0.7	0.52 U	0.54 U	2.2 B	0.55 U
Vanadium	370	20.1	19.6	29.1	23.9
Zinc	1500	98.9	273	161	90.1

301626

Notes:
All results are in mg/Kg.
Shading indicates exceedance of criteria.

TABLE G-23
INORGANICS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB46 CDE-BSB46-00 MBTM77 08/29/2000 / 11:40 0.83	BSB47 CDE-BSB47-00 MBTM78 08/29/2000 / 10:25 1.58	BSB48 CDE-BSB48-00 MBTM79 08/29/2000 / 08:55 1.75	BSB48 CDE-BSB48-01 MBTM80 Duplicate of CDE-BSB48-00
CONSTITUENT					
Aluminum	--	7450	9510	6980	9120
Antimony	5	1.1 U	1.1 U	1.1 U	1.1 U
Arsenic	0.4	2.4	3.9	3.5	3.7
Barium	700	106	114	48.1	46.5
Beryllium	2	0.6 B	0.72 B	0.29 B	0.34 B
Cadmium	8	0.57 B	0.11 U	0.11 U	0.11 U
Calcium	--	2530	2890	1790	2240
Chromium	38	12.3	11.9	9.1	12.3
Cobalt	--	11.1 B	10.8 B	6.5 B	11.6
Copper	600	59.7	7.2	11.8	18.3
Cyanide	40	0.25 U	0.24 U	0.24 U	0.24 U
Iron	--	9980	14300	11200	13300
Lead	400	13.4	57.8	5.8	7.9
Magnesium	--	4300	3840	2110	3640
Manganese	--	446	1150	263	317
Mercury	2	0.06 U	0.08 B	0.06 B	0.21
Nickel	130	20.9	15.2	8 B	14.9
Potassium	--	1190 J	1210 J	512 B	938 B
Selenium	5	0.88 U	0.89 U	0.87 U	0.87 U
Silver	34	0.41 U	0.41 U	0.4 U	0.4 U
Sodium	--	435 B	241 B	378 B	441 B
Thallium	0.7	1.8 U	1.8 U	1.7 U	2.1 B
Vanadium	370	9.9 B	20.2	18.5	19.4
Zinc	1500	120	40.8	28.5	54.3

otes:
ll results are in mg/Kg.
hading indicates exceedance of criteria.

301627

TABLE G-23
INORGANICS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB48 CDE-BSB48-12 MBTM81 08/29/2000 / 09:17 2.58	BSB52 CDE-BSB52-00 MBTM66 08/25/2000 / 10:55 1.5	BSB52 CDE-BSB52-12 MBTM68 08/25/2000 / 11:32 2.58	BSB53 CDE-BSB53-00 MBTM60 08/23/2000 / 09:06 1.17
CONSTITUENT					
Aluminum	--	12100	11000	9380	4530
Antimony	5	1.1 U	1.1 U	1.1 U	1.2 U
Arsenic	0.4	2.8	3.3	3.5	80.9
Barium	700	48.1	93.8	91.5	182
Beryllium	2	0.42 B	0.56 B	0.52 B	0.27 B
Cadmium	8	0.11 U	0.11 U	0.11 U	13.9
Calcium	--	2120	2090	1380	1800
Chromium	38	16.8	13.7 J	10.7 J	9.1
Cobalt	--	14.8	14	8.6 B	6.8 B
Copper	600	10.1	15.7	9.2	37.7
Cyanide	40	0.24 U	0.25 U	0.25 U	0.25 U
Iron	--	15900	14700	11600	17400
Lead	400	8.7	31.1 J	28.4 J	192
Magnesium	--	4890	4130	3170	1310
Manganese	--	633	765	694	242
Mercury	2	0.08 B	0.06 U	0.06 U	0.28
Nickel	130	21.6	23.3	16.1	11.4
Potassium	--	1270 J	1280 J	789 B	548 B
Selenium	5	0.87 U	0.87 UJ	0.89 UJ	1.1 B
Silver	34	0.4 U	0.47 B	0.55 B	1.6 B
Sodium	--	393 B	290 B	186 B	247 B
Thallium	0.7	1.7 U	1.7 UJ	1.8 UJ	1.8 U
Vanadium	370	21.9	17.7	17	14.3
Zinc	1500	51.7	108	44.8	271

otes:
ll results are in mg/Kg.
hading indicates exceedance of criteria.

301628

TABLE G-23
INORGANICS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB54 CDE-BSB54-00 MBTM69 08/25/2000 / 13:00 1.46	BSB55 CDE-BSB55-00 MBTM35 08/18/2000 / 09:33 1.08	BSB56 CDE-BSB56-00 MBTM24 08/17/2000 / 09:45 1.42	BSB56 CDE-BSB56-12 MBTM25 08/17/2000 / 09:59 1.75
CONSTITUENT					
Aluminum	--	10100	3220	9030	6860
Antimony	5	1.1 U	6 B	**26.4**	**15.4**
Arsenic	0.4	2.8	1060	**21 J**	**18.3 J**
Barium	700	86.7	209	**1560**	686
Beryllium	2	0.53 B	0.54 B	0.42 B	0.36 B
Cadmium	8	0.11 U	7.2	**72.7**	**63.7**
Calcium	--	1660	16600 J	5910 J	4680 J
Chromium	38	11.6 J	19.4	18.6 J	16.8 J
Cobalt	--	9.6 B	4.9 B	11 B	6.8 B
Copper	600	10	124	**845 J**	**1830 J**
Cyanide	40	0.25 U	0.29 U	0.27 U	0.27 U
Iron	--	12100	25400	39100	42900
Lead	400	17.9 J	**522**	**5020**	**2090**
Magnesium	--	3500	2220	1010 B	692 B
Manganese	--	564	167	545	403
Mercury	2	0.06 U	5.5 J	0.73	0.42
Nickel	130	18.8	16.4	57.7	38.6
Potassium	--	990 B	636 B	682 B	483 B
Selenium	5	0.89 UJ	**9.7**	0.51 U	0.51 U
Silver	34	0.57 B	22.4	11	2.9
Sodium	--	184 B	259 B	658 B	397 B
Thallium	0.7	**2.4 J**	**3.6**	0.53 U	**2.1 B**
Vanadium	370	18.3	58.4	15.2	13.6
Zinc	1500	51.8	520	1040	573

301629

otes:
ll results are in mg/Kg.
hading indicates exceedance of criteria.

TABLE G-23
INORGANICS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB57 CDE-BSB57-00 MBTM34 08/18/2000 / 08:40 1.42	BSB58 CDE-BSB58-00 MBTL90 08/11/2000 / 13:40 1	BSB58 CDE-BSB58-12 MBTL91 08/11/2000 / 14:05 2	BSB59 CDE-BSB59-00 MBTM70 08/25/2000 / 14:10 0.63
CONSTITUENT					
Aluminum	--	7400	13900 J	8270 J	4490
Antimony	5	1.1 U	1.6 UJ	1.6 UJ	**5.6 B**
Arsenic	0.4	4.4	43	22.4	**24.3**
Barium	700	110	132	534	542
Beryllium	2	0.45 B	0.2 U	0.2 U	0.23 B
Cadmium	8	0.17 B	3	1.1 B	16
Calcium	--	14600 J	5060 J	1900 J	9660
Chromium	38	19.2	26.5	22.4	**49.9 J**
Cobalt	--	8.4 B	15.1	12.3 B	16.1
Copper	600	53.7	212 J	34.5 J	**690**
Cyanide	40	0.25 U	0.15 U	0.16 U	0.26 U
Iron	--	16100	32200 J	40100 J	95400
Lead	400	173	155 J	294 J	**727 J**
Magnesium	--	7250	5840 J	3020 J	1790
Manganese	--	352	556 J	752 J	880
Mercury	2	0.1 R	0.09 B	0.07 B	0.37
Nickel	130	24.8	34.8 J	31.3 J	43.8
Potassium	--	1620 J	2560 J	1370 J	1230 J
Selenium	5	0.86 B	1.1 BJ	1.8 J	0.93 UJ
Silver	34	1.6 B	1.4 B	0.79 U	0.43 U
Sodium	--	387 B	458 B	369 B	613 B
Thallium	0.7	0.5 U	0.71 B	1.3 B	1.9 UJ
Vanadium	370	28.5	37.8	26.2	41.6
Zinc	1500	122	588 J	85.1 J	625

301630

lotes:
ll results are in mg/Kg.
hading indicates exceedance of criteria.

TABLE G-23
INORGANICS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB60 CDE-BSB60-00 MBTM27 08/17/2000 / 14:50 1.5	BSB61 CDE-BSB61-00 MBTM22 08/17/2000 / 11:00 1.83	BSB61 CDE-BSB61-12 MBTM23 08/17/2000 / 11:23 1.92	BSB62 CDE-BSB62-00 MBTM74 08/28/2000 / 13:45 1.79
CONSTITUENT					
Aluminum	--	10700	10100	16500	9560
Antimony	5	3.5 B	1.1 U	6.6 B	1.1 U
Arsenic	0.4	46.9 J	51.6 J	47.1 J	3.9
Barium	700	152	94.7	186	175
Beryllium	2	0.82 B	0.66 B	0.57 B	0.51 B
Cadmium	8	11	6.7	5.6	0.11 U
Calcium	--	19700 J	2940 J	7780 J	8880
Chromium	38	52.8 J	18.6 J	61.9 J	11.9
Cobalt	--	20.7	9.9 B	17.8	52.4
Copper	600	458 J	71.7 J	283 J	17.5
Cyanide	40	0.33 U	0.26 U	0.3 U	0.23 U
Iron	--	108000	22300	42900	14300
Lead	400	577	207	779	15.9
Magnesium	--	8710 J	3900 J	10400 J	4670
Manganese	--	989	622	346	2000
Mercury	2	0.32	0.91	2.2	0.06 U
Nickel	130	50.8	25.3	40.8	19.8
Potassium	--	968 B	808 B	1440 J	1520 J
Selenium	5	0.62 U	0.5 U	0.87 BJ	0.85 U
Silver	34	39.8	6.4	42.4	0.39 U
Sodium	--	625 B	294 B	448 B	624 B
Thallium	0.7	0.64 U	0.53 U	0.62 U	1.7 U
Vanadium	370	81.7	30.4	95.2	19.9
Zinc	1500	723	381	250	R

301631

otes:
l results are in mg/Kg.
ading indicates exceedance of criteria.

TABLE G-23
INORGANICS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB63 CDE-BSB63-00 MBTM75 08/28/2000 / 14:27 1.75	BSB66 CDE-BSB66-00 MBTN01 09/05/2000 / 08:41 0.67	BSB67 CDE-BSB67-00 MBTN15 09/08/2000 / 10:00 0.67	BSB68 CDE-BSB68-00 MBTN17 09/08/2000 / 12:30 1.58
CONSTITUENT					
Aluminum	--	9250	14300	10600	19200
Antimony	5	1.1 U	2.3 B	2.8 B	1.1 B
Arsenic	0.4	4.4	6.4	53.8	3.7
Barium	700	104	242	1030	132
Beryllium	2	0.66 B	1.1 B	0.72 B	1.1 B
Cadmium	8	0.11 U	1.8	8.7	0.23 U
Calcium	--	1690	32100	32400	3090
Chromium	38	12.1	31.9 J	34.9 J	20.7 J
Cobalt	--	11.9	21.8	12.2	10.3 B
Copper	600	15.8	72.7	243	16.1
Cyanide	40	0.24 U	0.18 U	0.16 U	0.17 U
Iron	--	13800	35300	26200	21900
Lead	400	30.7	649	327	16.5
Magnesium	--	4510	7460	11800	4540
Manganese	--	817	787	688	1080
Mercury	2	0.06 U	0.1 J	0.47 J	0.08 BJ
Nickel	130	17.9	31.8 J	50.1 J	19.7 J
Potassium	--	1660 J	3780	1490	2090
Selenium	5	0.86 U	0.47 UJ	1.6	0.45 U
Silver	34	0.4 U	0.52 B	3.6	0.23 U
Sodium	--	392 B	770 BJ	853 BJ	545 BJ
Thallium	0.7	1.7 U	0.71 UJ	1.1 BJ	0.93 BJ
Vanadium	370	17.9	50.1	122	32.1
Zinc	1500	R	449 J	390 J	58.3 J

301632

otes:
ll results are in mg/Kg.
hading indicates exceedance of criteria.

TABLE G-23
INORGANICS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB68 CDE-BSB68-12 MBTN18 09/08/2000 / 12:40 2.42	BSB69 CDE-BSB69-00 MBTM36 08/18/2000 / 10:25 1.17	BSB71 CDE-BSB71-00 MBTM72 08/28/2000 / 10:58 1.67	BSB71 CDE-BSB71-12 MBTM73 08/28/2000 / 11:20 2.67
CONSTITUENT					
Aluminum	--	20600	8580	6790	7240
Antimony	5	1 B	1.1 U	1.2 B	1.1 U
Arsenic	0.4	3	37.6	6	4.1
Barium	700	86.4	167	102	95.5
Beryllium	2	0.81 B	0.62 B	0.44 B	0.48 B
Cadmium	8	0.23 U	2	0.11 U	0.11 U
Calcium	--	1140 B	8030 J	5790	768 B
Chromium	38	26.5 J	25.5	21	7.7
Cobalt	--	13.1	13.7	31.4	8.4 B
Copper	600	19.3	118	28.8	8.7
Cyanide	40	0.18 U	0.26 U	0.23 U	0.24 U
Iron	--	31900	26600	15800	11900
Lead	400	8.7	166	92	9.9
Magnesium	--	6400	7130	2280	1520
Manganese	--	453	500	548	554
Mercury	2	0.06 UJ	0.64 J	0.1 B	0.06 U
Nickel	130	22.4 J	35.1	15.1	7.5 B
Potassium	--	2550	948 B	863 B	428 B
Selenium	5	0.46 U	1.6	0.84 U	0.86 U
Silver	34	0.23 U	1.7 B	0.39 U	0.4 U
Sodium	--	506 BJ	437 B	254 B	153 B
Thallium	0.7	0.84 BJ	0.53 U	1.7 U	1.7 U
Vanadium	370	36.4	97.5	17	16
Zinc	1500	63.4 J	184	R	R

301633

lotes:
ll results are in mg/Kg.
hading indicates exceedance of criteria.

TABLE G-23
INORGANICS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB72 CDE-BSB72-00 MBTM37 08/18/2000 / 10:55 1	BSB73 CDE-BSB73-00 MBTM89 08/30/2000 / 14:18 1.42	BSB73 CDE-BSB73-12 MBTM90 08/30/2000 / 14:42 2.42	BSB74 CDE-BSB74-00 MBTN08 09/07/2000 / 11:35 0.79
CONSTITUENT					
Aluminum	--	3490	9700	8360	13100
Antimony	5	2 B	1.1 U	1.1 U	1.1 B
Arsenic	0.4	16.8	3.5	3.5	3.7
Barium	700	219	114	116	139
Beryllium	2	0.38 B	0.71 B	0.68 B	0.99 B
Cadmium	8	0.81 B	0.11 U	0.11 U	0.22 U
Calcium	--	3180 J	1760	792 B	1610
Chromium	38	9.4	14.6	8.5	20
Cobalt	--	12.4	12.1	7.4 B	13.3 J
Copper	600	82.8	15.9	8.4	20.7
Cyanide	40	0.59	0.23 U	0.24 U	0.17 U
Iron	--	16800	16100	9840	25700
Lead	400	308	40.3	12.1	130
Magnesium	--	1360	4770	2260	4630
Manganese	--	170	885	688	765
Mercury	2	0.25 J	0.06 B	0.06 U	0.08 B
Nickel	130	30.1	27.7	11.7	23.1
Potassium	--	316 B	1330 J	599 B	1580
Selenium	5	1.6	0.85 U	0.86 U	0.48 BJ
Silver	34	0.42 B	0.39 U	0.4 U	0.22 U
Sodium	--	409 B	277 B	172 B	408 B
Thallium	0.7	0.51 U	1.7 U	1.7 U	1.5 B
Vanadium	370	244	17.5	14.2	26.6
Zinc	1500	92.7	59.8	33.4	67.2

301634

otes:
l results are in mg/Kg.
ading indicates exceedance of criteria.

TABLE G-23
INORGANICS DETECTED IN BUILDING SOIL BORINGS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Soils	BSB74 CDE-BSB74-01 MBTN09 Duplicate of CDE-BSB74-00	BSB74 CDE-BSB74-12 MBTN10 09/07/2000 / 12:10 2.29	BSB76 CDE-BSB76-00 MBTN07 09/07/2000 / 10:42 0.92	BSB77 CDE-BSB77-00 MBTN06 09/07/2000 / 09:42 0.83
CONSTITUENT					
Aluminum	--	11500	12600	9820	10500
Antimony	5	0.45 U	0.45 U	1.8 B	0.83 B
Arsenic	0.4	2.8	2.9	5.1	17.2
Barium	700	121	110	97.8	82.5
Beryllium	2	0.9 B	0.93 B	1.3	0.77 B
Cadmium	8	0.22 U	0.22 U	1.7	0.91 B
Calcium	--	1530	866 B	11700	35000
Chromium	38	16.4	15.6	38.1	23
Cobalt	--	11.4 J	10 B	17.6 J	11.1 J
Copper	600	15.3	10.3	1850	107
Cyanide	40	0.17 U	0.17 U	0.19 B	0.15 U
Iron	--	17700	17700	30400	25200
Lead	400	82.6	17.5	308	49.5
Magnesium	--	5100	3980	8570	17000
Manganese	--	532	713	294	388
Mercury	2	0.08 B	0.07 B	0.63	0.11
Nickel	130	24.2	19.4	146	30.5
Potassium	--	1660	1150	474 B	898 B
Selenium	5	0.45 UJ	0.72 BJ	0.45 UJ	1.8 J
Silver	34	0.22 U	0.22 U	10.5	2.3
Sodium	--	441 B	375 B	951 B	1530
Thallium	0.7	0.79 B	1.1 B	0.67 U	1.3 B
Vanadium	370	19.7	21.5	48.7	56.4
Zinc	1500	68.4	52.2	661	118

301635

lotes:
ll results are in mg/Kg.
hading indicates exceedance of criteria.

TABLE G-24
VOLATILE ORGANIC COMPOUNDS DETECTED IN TEST PIT SEEP WATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Groundwater	TP03 CDE-TPW03-01 BZD98 06/08/00	TP06 CDE-TPW06-01 BZE13 06/12/00	TP08 CDE-TPW08-01 BZE00 06/09/00	TP09 CDE-TPW09-01 BZE01 06/09/00
CONSTITUENT					
Chloromethane	30	100 U	100 U	1 U	20 U
Vinyl chloride	2	100 U	250	1 U	20 U
Bromomethane	10	100 U	100 U	1 U	20 U
Chloroethane	100	100 U	100 U	1 U	20 U
1,1-Dichloroethylene	2	100 U	100 U	1 U	20 U
Acetone	700	R	R	5 UJ	R
Carbon disulfide	800	100 U	100 U	1 U	20 U
Methylene chloride	3	200 U	200 U	2 U	40 U
trans-1,2-Dichloroethylene	100	100 U	100 U	1 U	20 U
1,1-Dichloroethane	50	100 U	100 U	1 U	20 U
cis-1,2-Dichloroethylene	70	740	1600	3	20 U
2-Butanone	300	R	R	R	R
Chloroform	6	100 U	100 U	1 U	20 U
1,1,1-Trichloroethane	30	100 U	100 U	1 U	20 U
Carbon tetrachloride	2	100 U	100 U	1 U	20 U
Benzene	1	100 U	100 U	1 U	20 U
1,2-Dichloroethane	2	100 U	100 U	1 U	20 U
Trichloroethylene	1	120	190	8	20 U
1,2-Dichloropropane	1	100 U	100 U	1 U	20 U
Bromodichloromethane	1	100 U	100 U	1 U	20 U
cis-1,3-Dichloropropene	0.2	100 U	100 U	1 U	20 U
4-Methyl-2-pentanone	400	500 U	500 U	5 U	100 U
Toluene	1000	100 J	100 U	1 U	20 U

301636

Notes:
All results are in ug/L.
Shading indicates exceedance of criteria.

TABLE G-24
VOLATILE ORGANIC COMPOUNDS DETECTED IN TEST PIT SEEP WATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Groundwater	TP03 CDE-TPW03-01 BZD98 06/08/00	TP06 CDE-TPW06-01 BZE13 06/12/00	TP08 CDE-TPW08-01 BZE00 06/09/00	TP09 CDE-TPW09-01 BZE01 06/09/00
CONSTITUENT					
trans-1,3-Dichloropropene	0.2	100 U	100 U	1 U	20 U
1,1,2-Trichloroethane	3	100 U	100 U	1 U	20 U
Tetrachloroethylene	1	100 U	100 U	1 U	20 U
2-Hexanone	100	500 UJ	500 UJ	5 UJ	100 UJ
Dibromochloromethane	10	100 U	100 U	1 U	20 U
Chlorobenzene	50	100 U	100 U	1 U	250
Ethylbenzene	700	100 U	100 U	1 U	18 J
Xylene (total)	1000	100 U	100 U	1 U	87
Styrene	100	100 U	100 U	1 U	20 U
Bromoform	4	100 U	100 U	1 U	20 U
1,1,2,2-Tetrachloroethane	1	100 U	100 U	1 U	20 U
1,3-Dichlorobenzene	600	100 U	100 U	1 U	32
1,4-Dichlorobenzene	75	100 U	100 U	1 U	140
1,2-Dichlorobenzene	600	100 U	100 U	1 U	40
1,2-Dibromo-3-chloropropane	0.2	R	R	R	R
1,2,4-Trichlorobenzene	9	100 U	100 U	1 U	31
Chlorobromomethane	100	100 U	100 U	1 U	20 U
Total VOC TICs		U	U	U	U

301637

Notes:
All results are in ug/L.
Shading indicates exceedance of criteria.

TABLE G-24
VOLATILE ORGANIC COMPOUNDS DETECTED IN TEST PIT SEEP WATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Groundwater	TP09 CDE-TPW99-01 BZE02 Duplicate of CDE-TPW09-01	TP10 CDE-TPW10-01 BZE10 06/12/00
CONSTITUENT			
Chloromethane	30	20 U	100 U
Vinyl chloride	2	20 U	380
Bromomethane	10	20 U	100 U
Chloroethane	100	20 U	100 U
1,1-Dichloroethylene	2	20 U	100 U
Acetone	700	R	R
Carbon disulfide	800	20 U	100 U
Methylene chloride	3	22 J	140 J
trans-1,2-Dichloroethylene	100	20 U	100 U
1,1-Dichloroethane	50	20 U	100 U
cis-1,2-Dichloroethylene	70	20 U	1000
2-Butanone	300	R	R
Chloroform	6	20 U	100 U
1,1,1-Trichloroethane	30	20 U	100 U
Carbon tetrachloride	2	20 U	100 U
Benzene	1	20 U	100 U
1,2-Dichloroethane	2	20 U	100 U
Trichloroethylene	1	20 U	57 J
1,2-Dichloropropane	1	20 U	100 U
Bromodichloromethane	1	20 U	100 U
cis-1,3-Dichloropropene	0.2	20 U	100 U
4-Methyl-2-pentanone	400	100 U	500 U
Toluene	1000	20 U	100 U

301638

Notes:
All results are in ug/L.
Shading indicates exceedance of criteria.

TABLE G-24
VOLATILE ORGANIC COMPOUNDS DETECTED IN TEST PIT SEEP WATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Groundwater	TP09 CDE-TPW99-01 BZE02 Duplicate of CDE-TPW09-01	TP10 CDE-TPW10-01 BZE10 06/12/00
CONSTITUENT			
trans-1,3-Dichloropropene	0.2	20 U	100 U
1,1,2-Trichloroethane	3	20 U	100 U
Tetrachloroethylene	1	20 U	100 U
2-Hexanone	100	100 UJ	500 UJ
Dibromochloromethane	10	20 U	100 U
Chlorobenzene	50	260	68 J
Ethylbenzene	700	20	100 U
Xylene (total)	1000	100	100 U
Styrene	100	20 U	100 U
Bromoform	4	20 U	100 U
1,1,2,2-Tetrachloroethane	1	20 U	100 U
1,3-Dichlorobenzene	600	36	100 U
1,4-Dichlorobenzene	75	160	100 U
1,2-Dichlorobenzene	600	45	100 U
1,2-Dibromo-3-chloropropane	0.2	R	R
1,2,4-Trichlorobenzene	9	40	100 U
Chlorobromomethane	100	20 U	100 U
Total VOC TICs		U	U

301639

Notes:
All results are in ug/L.
Shading indicates exceedance of criteria.

TABLE G-25
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN TEST PIT SEEP WATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Groundwater	TP03 CDE-TPW03-01 BZD98 06/08/00	TP06 CDE-TPW06-01 BZE13 06/12/00	TP08 CDE-TPW08-01 BZE00 06/09/00	TP09 CDE-TPW09-01 BZE01 06/09/00
CONSTITUENT					
Phenol	4000	5 U	5 U	5 U	15
Bis(2-chloroethyl)ether	10	5 U	R	5 U	5 U
2-Chlorophenol	40	5 U	5 U	5 U	4 J
2-Methylphenol	100	5 U	1 J	5 U	3 J
Bis(2-chloro-1-methylethyl) ether	300	5 U	R	5 U	5 U
4-Methylphenol	100	5 U	4 J	5 U	6
N-Nitroso-di-n-propylamine	20	5 U	R	5 U	5 U
Hexachloroethane	10	5 U	R	5 U	5 U
Nitrobenzene	10	5 U	R	5 U	5 U
Isophorone	100	5 U	R	5 U	5 U
2-Nitrophenol	100	5 U	5 U	5 U	5 U
2,4-Dimethylphenol	100	5 U	1 J	5 U	5
Bis(2-chloroethoxy)methane	100	5 U	R	5 U	5 U
2,4-Dichlorophenol	20	5 U	5 U	5 U	4 J
Naphthalene	300	5 U	9 J	5 U	6
4-Chloroaniline	30	5 U	R	5 U	5 U
Hexachlorobutadiene	1	5 U	R	5 U	5 U
4-Chloro-3-methylnaphthalene	100	5 U	5 U	5 U	5 U
2-Methylnaphthalene	100	5 U	2 J	5 U	5 U
Hexachlorocyclopentadiene	10	5 U	R	5 U	5 U
2,4,6-Trichlorophenol	20	5 U	5 U	5 U	5 U
2,4,5-Trichlorophenol	700	20 U	20 U	20 U	20 U
2-Chloronaphthalene	600	5 U	11 J	5 U	5 U

301640

Notes:
All results are in ug/L.
Shading indicates exceedance of criteria.

TABLE G-25
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN TEST PIT SEEP WATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Groundwater	TP03 CDE-TPW03-01 BZD98 06/08/00	TP06 CDE-TPW06-01 BZE13 06/12/00	TP08 CDE-TPW08-01 BZE00 06/09/00	TP09 CDE-TPW09-01 BZE01 06/09/00
CONSTITUENT					
2-Nitroaniline	100	20 U	R	20 U	20 U
Dimethyl phthalate	100	5 U	R	5 U	5 U
2,6-Dinitrotoluene	100	5 U	R	5 U	5 U
Acenaphthylene	100	5 U	5 J	5 U	5 U
3-Nitroaniline	100	20 UJ	R	20 UJ	20 UJ
Acenaphthene	400	5 U	4 J	5 U	5 U
2,4-Dinitrophenol	40	20 UJ	R	20 UJ	20 UJ
4-Nitrophenol	100	20 U	20 UJ	20 U	20 U
Dibenzofuran	100	5 U	5 J	5 U	5 U
2,4-Dinitrotoluene	10	5 U	R	5 U	5 U
Diethyl phthalate	5000	5 U	R	5 U	5 U
Fluorene	300	6	8 J	5 U	5 U
4-Chlorophenyl phenyl ether	100	5 U	R	5 U	5 U
4-Nitroaniline	100	20 U	R	20 U	20 U
4,6-Dinitro-2-methylphenol	100	20 UJ	20 UJ	20 UJ	20 UJ
N-Nitrosodiphenylamine	20	5 UJ	R	5 U	5 U
Hexachlorobenzene	1	5 UJ	R	5 U	5 U
Pentachlorophenol	1	20 UJ	20 U	20 U	20 U
Phenanthrene	100	5 UJ	30 J	5 U	5 U
Anthracene	2000	5 UJ	11 J	5 U	5 U
Di-n-butyl phthalate	900	5 UJ	R	5 U	5 U
Fluoranthene	300	5 UJ	18 J	5 U	5 U
Pyrene	200	20	12 J	5 U	5 U

301641

Notes:
All results are in ug/L.
Shading indicates exceedance of criteria.

TABLE G-25
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN TEST PIT SEEP WATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Groundwater	TP03 CDE-TPW03-01 BZD98 06/08/00	TP06 CDE-TPW06-01 BZE13 06/12/00	TP08 CDE-TPW08-01 BZE00 06/09/00	TP09 CDE-TPW09-01 BZE01 06/09/00
CONSTITUENT					
Butyl benzyl phthalate	100	5 U	R	5 U	5 U
3,3'-Dichlorobenzidine	60	5 U	R	5 U	5 U
Benzo(a)anthracene	0.2	7	35 J	5 U	5 U
Chrysene	5	9	4 J	5 U	5 U
bis(2-Ethylhexyl) phthalate	6	5 U	R	5 U	5 U
Di-n-octyl phthalate	100	5 U	R	5 U	5 U
Benzo(b)fluoranthene	10	5 U	35 J	5 U	5 U
Benzo(k)fluoranthene	1	5 U	12 J	5 U	5 U
Benzo(a)pyrene	0.2	5	29 J	5 U	5 U
Indeno(1,2,3-cd)pyrene	10	1 J	16 J	5 U	5 U
Dibenzo(a,h)anthracene	0.5	5 U	4 J	5 U	5 U
Benzo(g,h,i)perylene	100	4 J	13 J	5 U	5 U
4-Bromophenyl-phenylether	100	5 UJ	R	5 U	5 U
Total SVOC TICs		334 JN	1666 JN	213 JN	1414 JN

301642

Notes:
All results are in ug/L.
Shading indicates exceedance of criteria.

TABLE G-25
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN TEST PIT SEEP WATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Groundwater	TP09 CDE-TPW99-01 BZE02 Duplicate of CDE-TPW09-01	TP10 CDE-TPW10-01 BZE10 06/12/00
CONSTITUENT			
Phenol	4000	14	5 UJ
Bis(2-chloroethyl)ether	10	5 U	5 UJ
2-Chlorophenol	40	3 J	5 UJ
2-Methylphenol	100	3 J	5 UJ
Bis(2-chloro-1-methylethyl) ether	300	5 U	5 UJ
4-Methylphenol	100	5	5 UJ
N-Nitroso-di-n-propylamine	20	5 U	5 UJ
Hexachloroethane	10	5 U	5 UJ
Nitrobenzene	10	5 U	5 UJ
Isophorone	100	5 U	5 UJ
2-Nitrophenol	100	5 U	5 UJ
2,4-Dimethylphenol	100	5	5 UJ
Bis(2-chloroethoxy)methane	100	5 U	5 UJ
2,4-Dichlorophenol	20	3 J	5 UJ
Naphthalene	300	5	2 J
4-Chloroaniline	30	5 U	5 UJ
Hexachlorobutadiene	1	5 U	5 UJ
4-Chloro-3-methylnaphthalene	100	5 U	5 UJ
2-Methylnaphthalene	100	5 U	5 UJ
Hexachlorocyclopentadiene	10	5 U	5 UJ
2,4,6-Trichlorophenol	20	5 U	5 UJ
2,4,5-Trichlorophenol	700	20 U	20 UJ
2-Chloronaphthalene	600	5 U	11 J

301643

Notes:
All results are in ug/L.
Shading indicates exceedance of criteria.

TABLE G-25
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN TEST PIT SEEP WATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Groundwater	TP09 CDE-TPW99-01 BZE02 Duplicate of CDE-TPW09-01	TP10 CDE-TPW10-01 BZE10 06/12/00
CONSTITUENT			
2-Nitroaniline	100	20 U	20 UJ
Dimethyl phthalate	100	5 U	5 UJ
2,6-Dinitrotoluene	100	5 U	5 UJ
Acenaphthylene	100	5 U	5 UJ
3-Nitroaniline	100	20 UJ	20 UJ
Acenaphthene	400	5 U	1 J
2,4-Dinitrophenol	40	20 UJ	20 UJ
4-Nitrophenol	100	20 U	20 UJ
Dibenzofuran	100	5 U	5 UJ
2,4-Dinitrotoluene	10	5 U	5 UJ
Diethyl phthalate	5000	5 U	5 UJ
Fluorene	300	5 U	5 UJ
4-Chlorophenyl phenyl ether	100	5 U	5 UJ
4-Nitroaniline	100	20 U	20 UJ
4,6-Dinitro-2-methylphenol	100	20 UJ	20 UJ
N-Nitrosodiphenylamine	20	5 U	5 UJ
Hexachlorobenzene	1	5 U	5 UJ
Pentachlorophenol	1	20 U	20 UJ
Phenanthrene	100	5 U	5 UJ
Anthracene	2000	5 U	5 UJ
Di-n-butyl phthalate	900	5 U	5 UJ
Fluoranthene	300	5 U	1 J
Pyrene	200	5 U	1 J

301644

Notes:
All results are in ug/L.
Shading indicates exceedance of criteria.

TABLE G-25
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN TEST PIT SEEP WATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Groundwater	TP09 CDE-TPW99-01 BZE02 Duplicate of CDE-TPW09-01	TP10 CDE-TPW10-01 BZE10 06/12/00
CONSTITUENT			
Butyl benzyl phthalate	100	5 U	5 UJ
3,3'-Dichlorobenzidine	60	5 U	5 UJ
Benzo(a)anthracene	0.2	5 U	5 UJ
Chrysene	5	5 U	5 UJ
bis(2-Ethylhexyl) phthalate	6	5 U	2 J
Di-n-octyl phthalate	100	5 U	5 UJ
Benzo(b)fluoranthene	10	5 U	1 J
Benzo(k)fluoranthene	1	5 U	5 UJ
Benzo(a)pyrene	0.2	5 U	5 UJ
Indeno(1,2,3-cd)pyrene	10	5 U	5 UJ
Dibenzo(a,h)anthracene	0.5	5 U	5 UJ
Benzo(g,h,i)perylene	100	5 U	5 UJ
4-Bromophenyl-phenylether	100	5 U	5 UJ
Total SVOC TICs		755 JN	956 JN

301645

Notes:
All results are in ug/L.
Shading indicates exceedance of criteria.

TABLE G-26
PESTICIDES AND PCBs DETECTED IN TEST PIT SEEP WATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Groundwater	TP03 CDE-TPW03-01 BZD98 06/08/00	TP06 CDE-TPW06-01 BZE13 06/12/00	TP08 CDE-TPW08-01 BZE00 06/09/00	TP09 CDE-TPW09-01 BZE01 06/09/00
CONSTITUENT					
alpha-BHC	0.02	R	R	0.01 UJ	1 UJ
beta-BHC	0.2	R	0.1 U	0.01 U	1 U
delta-BHC	100	R	0.1 U	0.01 U	1 U
gamma-BHC (Lindane)	0.2	R	0.1 UJ	0.01 UJ	1 UJ
Heptachlor	0.4	0.021 JN	0.87	0.01 U	R
Aldrin	0.04	R	14 D	5.3 JD	33 D
Heptachlor epoxide	0.2	R	0.1 U	0.01 U	1 U
Endosulfan I	0.4	R	0.1 U	0.01 U	1 U
Dieldrin	0.03	R	20 JND	0.2 U	2 U
4,4'-DDE	0.1	R	20 D	6.6 JND	12 JN
Endrin	2	0.2 J	R	R	2 U
Endosulfan II	0.4	R	R	R	R
4,4'-DDD	0.1	R	0.2 U	0.2 U	2 U
Endosulfan sulfate	0.4	R	R	0.2 U	2 U
4,4'-DDT	0.1	0.04 JN	0.2 U	0.2 U	2 U
Methoxychlor	40	R	R	1.9 JN	10 U
Endrin ketone	100	0.05 JN	2.5 JN	0.2 U	2 U
Endrin aldehyde	100	R	R	R	R
alpha-Chlordane	0.5	R	0.1 U	0.1 U	1 U
gamma-Chlordane	0.5	0.02 JN	11 JND	3.8 JND	22 JD
Toxaphene	3	R	10 U	10 U	100 U

301646

Notes:
All results are in ug/L (except for Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-26
PESTICIDES AND PCBs DETECTED IN TEST PIT SEEP WATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Groundwater	TP03 CDE-TPW03-01 BZD98 06/08/00	TP06 CDE-TPW06-01 BZE13 06/12/00	TP08 CDE-TPW08-01 BZE00 06/09/00	TP09 CDE-TPW09-01 BZE01 06/09/00
CONSTITUENT					
Aroclor 1016	0.5	R	2 U	2 U	20 U
Aroclor 1221	0.5	R	4 U	4 U	40 U
Aroclor 1232	0.5	R	2 U	2 U	20 U
Aroclor 1242	0.5	0.65 JN	19 JN	8.7 JN	1200 D
Aroclor 1248	0.5	R	2 U	2 U	20 U
Aroclor 1254	0.5	1.7 JN	610 D	210 D	360
Aroclor 1260	0.5	R	2 U	2 U	20 U
Total PCBs PPM		0.00235	0.629	0.2187	1.56

301647

Notes:
All results are in ug/L (except for Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-26
PESTICIDES AND PCBs DETECTED IN TEST PIT SEEP WATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Groundwater	TP09 CDE-TPW99-01 BZE02 Duplicate of CDE-TPW09-01	TP10 CDE-TPW10-01 BZE10 06/12/00
CONSTITUENT			
alpha-BHC	0.02	1 UJ	4.1 JN
beta-BHC	0.2	1 U	1 U
delta-BHC	100	1 U	1 U
gamma-BHC (Lindane)	0.2	1 UJ	1 UJ
Heptachlor	0.4	R	14 JN
Aldrin	0.04	50 JD	14 JN
Heptachlor epoxide	0.2	1 U	1 U
Endosulfan I	0.4	1 U	1 U
Dieldrin	0.03	2 U	2 U
4,4'-DDE	0.1	16 JN	25 JN
Endrin	2	R	2 U
Endosulfan II	0.4	R	R
4,4'-DDD	0.1	2 U	2 U
Endosulfan sulfate	0.4	2 U	2 U
4,4'-DDT	0.1	2 U	2 U
Methoxychlor	40	4.2 JN	10 U
Endrin ketone	100	3.1 J	5.4 J
Endrin aldehyde	100	R	R
alpha-Chlordane	0.5	1 U	1 U
gamma-Chlordane	0.5	35 JD	32 JD
Toxaphene	3	100 U	100 U

301648

Notes:
All results are in ug/L (except for Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-26
PESTICIDES AND PCBs DETECTED IN TEST PIT SEEP WATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Groundwater	TP09 CDE-TPW99-01 BZE02 Duplicate of CDE-TPW09-01	TP10 CDE-TPW10-01 BZE10 06/12/00
CONSTITUENT			
Aroclor 1016	0.5	20 U	20 U
Aroclor 1221	0.5	40 U	40 U
Aroclor 1232	0.5	20 U	20 U
Aroclor 1242	0.5	1700 D	780 D
Aroclor 1248	0.5	20 U	20 U
Aroclor 1254	0.5	720 D	770
Aroclor 1260	0.5	20 U	20 U
Total PCBs PPM		2.42	1.55

301649

Notes:
All results are in ug/L (except for Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-27
INORGANICS DETECTED IN TEST PIT SEEP WATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Groundwater	TP03 CDE-TPW03-01 MBTL30 06/08/00	TP06 CDE-TPW06-01 MBTL45 06/12/00	TP08 CDE-TPW08-01 MBTL33 06/09/00	TP09 CDE-TPW09-01 MBTL34 06/09/00
CONSTITUENT					
Aluminum	200	4530	238000	8260	11300
Antimony	6	2.6 UJN	2.7 BJN	2.6 UJN	2.6 UJN
Arsenic	8	7.4 B	334	9.4 B	1.9 U
Barium	2000	158 B	4320	204	553
Beryllium	4	0.4 B	15.2 J	0.3 B	0.3 B
Cadmium	4	0.3 U	1890	6.2	1.4 B
Calcium	--	46500	67200	88600	93500
Chromium	100	10.4	1110	12.6	18.3
Cobalt	100	15.4 B	161	3.8 B	26.4 B
Copper	1000	26.4 JE	9060 JE	230 JE	131 JE
Cyanide	200	0.5 UJN	0.61 BJN	0.5 UJN	0.5 UJN
Iron	300	14700	301000	7420	61000
Lead	10	52.4	11900	350	73.9
Magnesium	--	10000	66300	25200	19100
Manganese	50	546	5210	313	4000
Mercury	2	0.1 U	4	0.22	0.11 B
Nickel	100	32.5 B	557	18.6 B	15.1 B
Potassium	--	4210 B	15200	5240	6380
Selenium	50	2.2 UJN	8.8 JN	2.2 UJN	2.2 UJN
Silver	30	1.1 B	22.6	1.8 B	1.8 B
Sodium	50000	6500 J	7490 J	14600 J	12200 J
Thallium	2	3.5 U	3.5 U	3.5 U	3.5 U
Vanadium	--	10.5 B	1330	29.6 B	8.4 B
Zinc	5000	68.4	15000	188	234

301650

Notes:
All results are in ug/L.
Shading indicates exceedance of criteria.

TABLE G-27
INORGANICS DETECTED IN TEST PIT SEEP WATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Groundwater	TP09 CDE-TPW99-01 MBTL35 Duplicate of CDE-TPW09-01	TP10 CDE-TPW10-01 MBTL43 06/12/00
CONSTITUENT			
Aluminum	200	7270	**60300**
Antimony	6	2.6 UJN	4.2 BJN
Arsenic	8	1.9 U	**51.8**
Barium	2000	530	**2170**
Beryllium	4	0.3 B	3.6 B
Cadmium	4	0.3 U	**120**
Calcium	--	101000	53800
Chromium	100	16.4	**114**
Cobalt	100	25.9 B	44 B
Copper	1000	56 JE	857 JE
Cyanide	200	0.5 UJN	2.6 BJN
Iron	300	**61500**	**126000**
Lead	10	**51.4**	**1910**
Magnesium	--	19000	21900
Manganese	50	**3950**	**3170**
Mercury	2	0.1 U	1.3
Nickel	100	13 B	**211**
Potassium	--	6340	8370
Selenium	50	2.2 UJN	2.7 BJN
Silver	30	0.7 U	3.4 B
Sodium	50000	12700 J	8320 J
Thallium	2	3.5 U	3.5 U
Vanadium	--	7 B	139
Zinc	5000	169	2360

301651

Notes:
All results are in ug/L.
Shading indicates exceedance of criteria.

TABLE G-28
VOLATILE ORGANIC COMPOUNDS DETECTED IN PERCHED GROUNDWATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Groundwater	MW02 CDE-MWG02-01 BZE40 08/03/00	MW04 CDE-MWG04-01 BZE90 08/15/00	MW06 CDE-MWG06-01 BZE56 08/08/00	MW11 CDE-MWG11-01 BZF32 08/22/00
CONSTITUENT					
Chloromethane	30	1 U	100 U	10 U	1 U
Vinyl chloride	2	1 U	100 U	**16.2**	**6**
Bromomethane	10	1 U	100 U	10 U	1 U
Chloroethane	100	1 U	100 U	10 U	1 U
1,1-Dichloroethylene	2	1 U	100 U	10 U	0.6 J
Acetone	700	14 J	R	R	10 J
Carbon disulfide	800	1 U	100 U	10 U	1 U
Methylene chloride	3	2 U	200 U	20 UJ	2 U
trans-1,2-Dichloroethylene	100	1 U	100 U	10 U	**140 J**
1,1-Dichloroethane	50	1 U	100 U	10 U	1 U
cis-1,2-Dichloroethylene	70	1 U	**970**	**57.6**	**2300 D**
2-Butanone	300	5 UJ	100 U	R	R
Chloroform	6	1 U	100 U	10 U	1 U
1,1,1-Trichloroethane	30	1 U	100 U	10 U	1 U
Carbon tetrachloride	2	1 U	100 U	10 U	1 U
Benzene	1	1 U	100 U	10 U	0.6 J
1,2-Dichloroethane	2	1 U	R	10 U	1 U
Trichloroethylene	1	1 U	**390**	**27.9**	**15000 D**
1,2-Dichloropropane	1	1 U	100 U	10 U	1 U
Bromodichloromethane	1	1 U	100 U	10 U	1 U
cis-1,3-Dichloropropene	0.2	1 U	100 U	10 U	1 U

301652

Notes:
All results are in ug/L.
Shading indicates exceedance of criteria.

TABLE G-28
VOLATILE ORGANIC COMPOUNDS DETECTED IN PERCHED GROUNDWATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Groundwater	MW02 CDE-MWG02-01 BZE40 08/03/00	MW04 CDE-MWG04-01 BZE90 08/15/00	MW06 CDE-MWG06-01 BZE56 08/08/00	MW11 CDE-MWG11-01 BZF32 08/22/00
CONSTITUENT					
4-Methyl-2-pentanone	400	R	500 U	50 U	5 U
Toluene	1000	1 U	100 U	10 U	0.7 J
trans-1,3-Dichloropropene	0.2	1 U	100 U	10 U	1 U
1,1,2-Trichloroethane	3	1 U	100 U	10 U	2
Tetrachloroethylene	1	1 U	100 U	**67.3**	**10**
2-Hexanone	100	R	R	50 U	5 U
Dibromochloromethane	10	1 U	100 U	10 U	1 U
Chlorobenzene	50	1 U	100 U	10 U	3
Ethylbenzene	700	1 U	100 U	10 U	1
Xylene (total)	1000	1 U	100 U	10 U	4
Styrene	100	1 U	100 U	10 U	1 U
Bromoform	4	1 U	100 U	10 U	1 U
1,1,2,2-Tetrachloroethane	1	1 U	100 U	10 U	1 U
1,3-Dichlorobenzene	600	1 U	100 U	10 U	16
1,4-Dichlorobenzene	75	1 U	100 U	10 U	35 J
1,2-Dichlorobenzene	600	1 U	100 U	10 U	10
1,2-Dibromo-3-chloropropane	0.2	1 U	R	R	R
1,2,4-Trichlorobenzene	9	1 U	100 U	**82.4**	**400 J**
Chlorobromomethane	100	1 U	100 U	10 U	1 U
Total VOC TICs		697 JN	U	U	234 JN

301653

Notes:
All results are in ug/L.
Shading indicates exceedance of criteria.

TABLE G-28
VOLATILE ORGANIC COMPOUNDS DETECTED IN PERCHED GROUNDWATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Groundwater	MW12 CDE-MWG12-01 BZF84 09/05/00
CONSTITUENT		
Chloromethane	30	1 U
Vinyl chloride	2	270 J
Bromomethane	10	1 U
Chloroethane	100	1 U
1,1-Dichloroethylene	2	4
Acetone	700	11 J
Carbon disulfide	800	1 U
Methylene chloride	3	2 U
trans-1,2-Dichloroethylene	100	38 J
1,1-Dichloroethane	50	1 U
cis-1,2-Dichloroethylene	70	3900 D
2-Butanone	300	R
Chloroform	6	1 U
1,1,1-Trichloroethane	30	1 U
Carbon tetrachloride	2	1 U
Benzene	1	0.4 J
1,2-Dichloroethane	2	1 U
Trichloroethylene	1	12000 D
1,2-Dichloropropane	1	1 U
Bromodichloromethane	1	1 U
cis-1,3-Dichloropropene	0.2	1 U

301654

Notes:
All results are in ug/L.
Shading indicates exceedance of criteria.

TABLE G-28
VOLATILE ORGANIC COMPOUNDS DETECTED IN PERCHED GROUNDWATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Groundwater	MW12 CDE-MWG12-01 BZF84 09/05/00
CONSTITUENT		
4-Methyl-2-pentanone	400	5 U
Toluene	1000	1
trans-1,3-Dichloropropene	0.2	1 U
1,1,2-Trichloroethane	3	1 U
Tetrachloroethylene	1	0.7 J
2-Hexanone	100	R
Dibromochloromethane	10	1 U
Chlorobenzene	50	7 J
Ethylbenzene	700	6
Xylene (total)	1000	34 J
Styrene	100	U
Bromoform	4	1 U
1,1,2,2-Tetrachloroethane	1	0.4 J
1,3-Dichlorobenzene	600	32 J
1,4-Dichlorobenzene	75	29 J
1,2-Dichlorobenzene	600	12
1,2-Dibromo-3-chloropropane	0.2	R
1,2,4-Trichlorobenzene	9	450 J
Chlorobromomethane	100	1 U
Total VOC TICs		43 JN

301655

Notes:
All results are in ug/L.
Shading indicates exceedance of criteria.

TABLE G-29
PCBs DETECTED IN PERCHED GROUNDWATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID DATE	Screening Criteria for Groundwater	MW02 CDE-MWG02-01 08/03/00	MW04 CDE-MWG04-01 08/15/00	MW06 CDE-MWG06-01 08/08/00	MW11 CDE-MWG11-01 08/22/00
CONSTITUENT					
Aroclor 1016	0.5	10 U	1 U	1 U	100 U
Aroclor 1221	0.5	20 U	2 U	2 U	200 U
Aroclor 1232	0.5	10 U	1 U	1 U	100 U
Aroclor 1242	0.5	10 U	1 U	1 U	100 U
Aroclor 1248	0.5	10 U	1 U	550 D	2300 D
Aroclor 1254	0.5	590 D	1 U	220 JPD	5100 D
Aroclor 1260	0.5	10 U	1 U	1 U	100 U
Total PCBs PPM		0.59	U	0.77	7.4

301656

Notes:
All results are in ug/L (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-30
PCB CONGENERS DETECTED IN PERCHED GROUNDWATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE SAMPLE ID DATE	MW11 CDE-MWG11-01 08/22/00	MW12 CDE-MWG12-01 09/05/00
CONSTITUENT		
BZ 1	5.9 UJ	4.6 UJ
BZ 101/90	150 JN	160 JN
BZ 105	85 JN	38 JN
BZ 107	16 JN	15 JN
BZ 110/77	240 JN	190 JN
BZ 114	7.7 UJ	5.9 UJ
BZ 118	140 N	130 JN
BZ 119	4.4 JN	3.7 JN
BZ 128	38 N	30 N
BZ 132/168	47 JN	47 JN
BZ 135/144	17 JN	12 JN
BZ 136	18 JN	20 JN
BZ 137	12 JN	12 JN
BZ 138/163	140 JN	150 JN
BZ 141	24 JN	26 JN
BZ 146	17 N	19 N
BZ 149/123	75 JN	82 JN
BZ 151	3 UJ	27 JN
BZ 153/184	91 JN	96 JN
BZ 156/171	46 JN	35 JN
BZ 157	5.2 JN	4.4 JN
BZ 158	19 JN	22 JN
BZ 16/32	85 JN	13 JN
BZ 167	3.7 UJ	2.8 UJ
BZ 169	2.7 UJ	2.1 UJ
BZ 17	56 JN	19 JN

301657

Notes:
All results are in ug/L.

TABLE G-30
PCB CONGENERS DETECTED IN PERCHED GROUNDWATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE SAMPLE ID DATE	MW11 CDE-MWG11-01 08/22/00	MW12 CDE-MWG12-01 09/05/00
CONSTITUENT		
BZ 170	15 JN	20 JN
BZ 172	3.9 JN	4.5 JN
BZ 174	11 JN	13 JN
BZ 176	15 JN	17 JN
BZ 177	7.1 JN	7.7 JN
BZ 178/126	7.9 UJ	20 JN
BZ 18	110 N	36 JN
BZ 180	20 N	22 N
BZ 183	8.2 JN	8.2 JN
BZ 185	3 UJ	2.3 UJ
BZ 187/182	9.1 JN	11 JN
BZ 189	3.7 UJ	2.9 UJ
BZ 19	46 JN	2 UJ
BZ 190	3 UJ	2.3 UJ
BZ 194	3.4	2.8 N
BZ 195	3.3 UJ	2.5 UJ
BZ 197	2.7 UJ	2.1 UJ
BZ 199	3.1 UJ	2.4 UJ
BZ 201	3 UJ	2.9 JN
BZ 202	3.2 UJ	2.8 JN
BZ 203/196	5.9 UJ	4.5 UJ
BZ 206	3.3	2.5
BZ 208	3.3 UJ	2.5 UJ
BZ 209	2.9	2.2
BZ 22	40 JN	1.3 UJ
BZ 24	3.3 UJ	2.6 UJ

301658

Notes:
All results are in ug/L.

TABLE G-30
PCB CONGENERS DETECTED IN PERCHED GROUNDWATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE SAMPLE ID DATE	MW11 CDE-MWG11-01 08/22/00	MW12 CDE-MWG12-01 09/05/00
CONSTITUENT		
BZ 25	10 JN	4.9 JN
BZ 26	20 JN	7.9 JN
BZ 27	14 JN	3.5 UJ
BZ 28	89 JN	39 JN
BZ 29	2.9 UJ	2.2 UJ
BZ 31	81 JN	30 JN
BZ 33	100 JN	2.7 UJ
BZ 37/42	31 JN	13 JN
BZ 4	68 JN	2.2 UJ
BZ 40	13 JN	1.8 UJ
BZ 44	74 N	47 N
BZ 45	14 JN	2 UJ
BZ 46	6.2 JN	3.2 UJ
BZ 47	14 JN	9.6 JN
BZ 48	19 JN	11 JN
BZ 49	51 JN	38 JN
BZ 5	2.4 UJ	1.9 UJ
BZ 52	130 N	120 JN
BZ 53	2.1 UJ	29 JN
BZ 56	3.5 UJ	2.7 UJ
BZ 59	5.5 JN	2.4 JN
BZ 6	16 JN	6 JN
BZ 60/92	65 JN	34 JN
BZ 63	3.2 UJ	2.5 UJ
BZ 64/41	38 JN	16 JN
BZ 66/95	160 JN	150 JN

301659

Notes:
All results are in ug/L.

TABLE G-30
PCB CONGENERS DETECTED IN PERCHED GROUNDWATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE SAMPLE ID DATE	MW11 CDE-MWG11-01 08/22/00	MW12 CDE-MWG12-01 09/05/00
CONSTITUENT		
BZ 7	3.9 JN	1.9 UJ
BZ 70	98 JN	85 JN
BZ 71	16 JN	8.6 JN
BZ 74	34 JN	22 JN
BZ 76	5.5 JN	1.9 UJ
BZ 8	51 N	27 JN
BZ 82	34 JN	2.8 UJ
BZ 84	44 JN	19 JN
BZ 85	31 JN	27 JN
BZ 87/81	120 JN	120 JN
BZ 91	23 JN	26 JN
BZ 97	52 JN	58 JN
BZ 99	68 JN	65 JN
PCB Congeners	3200	2300

301660

Notes:
All results are in ug/L.

TABLE G-31
VOLATILE ORGANIC COMPOUNDS DETECTED IN DRAIN SEDIMENTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soils	DS01 CDE-DSS01-00 BZF75 09/05/2000 / 08:33 0.17	DS04B CDE-DSS04B-00 BZG32 09/20/2000 / 12:10 0.17	DS05 CDE-DSS05-00 BZG30 09/20/2000 / 09:13 0.17	DS05 CDE-DSS95-00 BZG31 Duplicate of CDE-DSS05-00
CONSTITUENT					
Dichlorodifluoromethane	--	58 UJ	12 U	28 UJ	21 UJ
Chloromethane	10000	58 UJ	12 U	28 UJ	21 UJ
Vinyl chloride	10	58 UJ	12 U	28 UJ	21 UJ
Bromomethane	200	58 UJ	12 U	28 UJ	21 UJ
Chloroethane	--	58 UJ	12 U	28 UJ	21 UJ
Trichlorofluoromethane	--	58 UJ	12 U	28 UJ	21 UJ
1,1-Dichloroethylene	60	58 UJ	12 U	28 UJ	21 UJ
1,1,2-Trichloro-1,2,2-trifluoroethane	--	58 UJ	12 U	28 UJ	21 UJ
Acetone	16000	70 J	12 U	24 J	36 UJ
Carbon disulfide	32000	58 UJ	12 U	28 UJ	21 UJ
Methyl acetate	--	8 J	12 U	28 UJ	21 UJ
Methylene chloride	20	58 UJ	13 UJ	28 UJ	21 UJ
trans-1,2-Dichloroethylene	700	58 UJ	12 U	28 UJ	21 UJ
Methyl tert-butyl ether	--	58 UJ	12 U	28 UJ	21 UJ
1,1-Dichloroethane	10000	58 UJ	12 U	28 UJ	21 UJ
cis-1,2-Dichloroethylene	400	21 J	12 U	28 UJ	21 UJ
2-Butanone	50000	58 UJ	12 UJ	28 UJ	21 UJ
Chloroform	300	58 UJ	12 U	28 UJ	21 UJ
1,1,1-Trichloroethane	2000	66 UJ	12 U	28 UJ	21 UJ
Cyclohexane	--	58 UJ	12 U	28 UJ	21 UJ
Carbon tetrachloride	70	58 UJ	12 U	28 UJ	21 UJ
Benzene	30	58 UJ	12 U	28 UJ	21 UJ
1,2-Dichloroethane	20	58 UJ	12 U	28 UJ	21 UJ
Trichloroethylene	60	58 UJ	3 J	28 UJ	21 UJ
Methylcyclohexane	--	58 UJ	12 U	28 UJ	21 UJ

301661

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-31
VOLATILE ORGANIC COMPOUNDS DETECTED IN DRAIN SEDIMENTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soils	DS01 CDE-DSS01-00 BZF75 09/05/2000 / 08:33 0.17	DS04B CDE-DSS04B-00 BZG32 09/20/2000 / 12:10 0.17	DS05 CDE-DSS05-00 BZG30 09/20/2000 / 09:13 0.17	DS05 CDE-DSS95-00 BZG31 Duplicate of CDE-DSS05-00
CONSTITUENT					
1,2-Dichloropropane	30	58 UJ	12 U	28 UJ	21 UJ
Bromodichloromethane	600	58 UJ	12 U	28 UJ	21 UJ
cis-1,3-Dichloropropene	4	58 UJ	12 U	28 UJ	21 UJ
4-Methyl-2-pentanone	50000	58 UJ	12 U	28 UJ	21 UJ
Toluene	12000	58 UJ	12 U	5 J	21 UJ
trans-1,3-Dichloropropene	4	58 UJ	12 U	28 UJ	21 UJ
1,1,2-Trichloroethane	20	58 UJ	12 U	28 UJ	21 UJ
Tetrachloroethylene	60	58 UJ	12 U	28 UJ	21 UJ
2-Hexanone	--	58 UJ	12 UJ	28 UJ	21 UJ
Dibromochloromethane	400	58 UJ	12 U	28 UJ	21 UJ
1,2-Dibromoethane	--	58 UJ	12 U	28 UJ	21 UJ
Chlorobenzene	1000	58 UJ	12 U	28 UJ	21 UJ
Ethylbenzene	13000	58 UJ	12 U	4 J	21 UJ
Xylene (total)	67000	58 UJ	3 J	24 J	6 J
Styrene	4000	58 UJ	12 U	28 UJ	21 UJ
Bromoform	800	58 UJ	12 U	28 UJ	21 UJ
Isopropylbenzene	--	58 UJ	12 U	28 UJ	21 UJ
1,1,2,2-Tetrachloroethane	3	58 UJ	12 U	28 UJ	21 UJ
1,3-Dichlorobenzene	100000	58 UJ	12 U	28 UJ	21 UJ
1,4-Dichlorobenzene	2000	6 J	12 U	28 UJ	21 UJ
1,2-Dichlorobenzene	17000	9 J	12 U	28 UJ	21 UJ
1,2-Dibromo-3-chloropropane	--	58 UJ	12 U	28 UJ	21 UJ
1,2,4-Trichlorobenzene	5000	9 J	12 UJ	28 UJ	21 UJ
Total VOC TICs		370 NJ	7 J	R	56 NJ

301662

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-31
VOLATILE ORGANIC COMPOUNDS DETECTED IN DRAIN SEDIMENTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soils	DS06B CDE-DSS06B-00 BZG35 09/21/2000 / 08:42 0.17	DS07 CDE-DSS07-00 BZG36 09/21/2000 / 11:46 0.17
CONSTITUENT			
Dichlorodifluoromethane	--	16 U	11 U
Chloromethane	10000	16 U	11 U
Vinyl chloride	10	16 U	11 U
Bromomethane	200	16 U	11 U
Chloroethane	--	16 U	11 U
Trichlorofluoromethane	--	16 U	11 U
1,1-Dichloroethylene	60	16 U	11 U
1,1,2-Trichloro-1,2,2-trifluoroethane	--	16 U	11 U
Acetone	16000	22 J	11 UJ
Carbon disulfide	32000	16 U	11 U
Methyl acetate	--	16 U	11 U
Methylene chloride	20	16 UJ	11 UJ
trans-1,2-Dichloroethylene	700	16 U	11 U
Methyl tert-butyl ether	--	16 U	11 U
1,1-Dichloroethane	10000	16 U	11 U
cis-1,2-Dichloroethylene	400	16 U	11 U
2-Butanone	50000	16 UJ	11 UJ
Chloroform	300	16 U	11 U
1,1,1-Trichloroethane	2000	16 U	11 U
Cyclohexane	--	16 U	11 U
Carbon tetrachloride	70	16 U	11 U
Benzene	30	16 U	11 U
1,2-Dichloroethane	20	16 U	11 U
Trichloroethylene	60	16 U	3 J
Methylcyclohexane	--	16 U	11 U

301663

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-31
VOLATILE ORGANIC COMPOUNDS DETECTED IN DRAIN SEDIMENTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soils	DS06B CDE-DSS06B-00 BZG35 09/21/2000 / 08:42 0.17	DS07 CDE-DSS07-00 BZG36 09/21/2000 / 11:46 0.17
CONSTITUENT			
1,2-Dichloropropane	30	16 U	11 U
Bromodichloromethane	600	16 U	11 U
cis-1,3-Dichloropropene	4	16 U	11 U
4-Methyl-2-pentanone	50000	16 U	11 U
Toluene	12000	16 U	11 U
trans-1,3-Dichloropropene	4	16 U	11 U
1,1,2-Trichloroethane	20	16 U	11 U
Tetrachloroethylene	60	16 U	11 U
2-Hexanone	--	16 UJ	11 UJ
Dibromochloromethane	400	16 U	11 U
1,2-Dibromoethane	--	16 U	11 U
Chlorobenzene	1000	16 U	11 U
Ethylbenzene	13000	16 U	11 U
Xylene (total)	67000	16 U	11 U
Styrene	4000	16 U	11 U
Bromoform	800	16 U	11 U
Isopropylbenzene	--	16 U	11 U
1,1,2,2-Tetrachloroethane	3	16 U	11 U
1,3-Dichlorobenzene	100000	16 U	11 U
1,4-Dichlorobenzene	2000	16 U	11 U
1,2-Dichlorobenzene	17000	16 U	11 U
1,2-Dibromo-3-chloropropane	--	16 UJ	11 UJ
1,2,4-Trichlorobenzene	5000	16 U	11 U
Total VOC TICs		17 J	R

301664

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-32
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN DRAIN SEDIMENTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	DS01 CDE-DSS01-00 BZF75 09/05/2000 / 08:33 0.17	DS04B CDE-DSS04B-00 BZG32 09/20/2000 / 12:10 0.17	DS05 CDE-DSS05-00 BZG30 09/20/2000 / 09:13 0.17	DS05 CDE-DSS95-00 BZG31 Duplicate of CDE-DSS05-00	DS06B CDE-DSS06B-00 BZG35 09/21/2000 / 08:42 0.17
CONSTITUENT						
Benzaldehyde	--	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 UJ
Phenol	30000	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 U
Bis(2-chloroethyl)ether	0.4	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 U
2-Chlorophenol	4000	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 U
2-Methylphenol	15000	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 U
Bis(2-chloro-1-methylethyl) ether	10000	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 U
Acetophenone	--	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 U
4-Methylphenol	2800000	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 U
N-Nitroso-di-n-propylamine	0.05	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 U
Hexachloroethane	500	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 U
Nitrobenzene	100	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 U
Isophorone	500	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 U
2-Nitrophenol	--	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 U
2,4-Dimethylphenol	9000	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 U
Bis(2-chloroethoxy)methane	--	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 U
2,4-Dichlorophenol	1000	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 U
Naphthalene	84000	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 U
4-Chloroaniline	700	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 U
Hexachlorobutadiene	1000	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 U
Caprolactam	--	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 U
4-Chloro-3-methylphenol	100000	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 U
2-Methylnaphthalene	--	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 U
Hexachlorocyclopentadiene	10000	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 U

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lotes:
ll results are in ug/Kg.
hading indicates exceedance of criteria.

TABLE G-32
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN DRAIN SEDIMENTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	DS01 CDE-DSS01-00 BZF75 09/05/2000 / 08:33 0.17	DS04B CDE-DSS04B-00 BZG32 09/20/2000 / 12:10 0.17	DS05 CDE-DSS05-00 BZG30 09/20/2000 / 09:13 0.17	DS05 CDE-DSS95-00 BZG31 Duplicate of CDE-DSS05-00	DS06B CDE-DSS06B-00 BZG35 09/21/2000 / 08:42 0.17
CONSTITUENT						
2,4,6-Trichlorophenol	200	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 U
2,4,5-Trichlorophenol	900	4600 UJ	9900 U	24000 UJ	18000 UJ	12000 U
Biphenyl, 1,1-	60000	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 U
2-Chloronaphthalene	--	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 U
2-Nitroaniline	--	4600 UJ	9900 U	24000 UJ	18000 UJ	12000 U
Dimethyl phthalate	50000	350 J	3900 U	9400 UJ	7300 UJ	4600 U
2,6-Dinitrotoluene	0.7	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 U
Acenaphthylene	--	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 U
3-Nitroaniline	--	4600 UJ	9900 U	24000 UJ	18000 UJ	12000 U
Acenaphthene	20000	1800 UJ	3900 U	9400 UJ	440 J	250 J
2,4-Dinitrophenol	200	4600 UJ	9900 U	24000 UJ	18000 UJ	12000 U
4-Nitrophenol	7000	4600 UJ	9900 U	24000 UJ	18000 UJ	12000 U
Dibenzofuran	--	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 U
2,4-Dinitrotoluene	0.8	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 U
Diethyl phthalate	50000	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 U
Fluorene	100000	1800 UJ	3900 U	9400 UJ	580 J	4600 U
4-Chlorophenyl phenyl ether	--	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 U
4-Nitroaniline	--	4600 UJ	9900 U	24000 UJ	18000 UJ	12000 U
4,6-Dinitro-2-methylphenol	--	4600 UJ	9900 U	24000 UJ	18000 UJ	12000 U
N-Nitrosodiphenylamine	1000	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 U
Hexachlorobenzene	300	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 U
Atrazine	--	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 U
Pentachlorophenol	30	4600 UJ	9900 U	24000 UJ	18000 UJ	12000 U

301666

lotes:
ll results are in ug/Kg.
hading indicates exceedance of criteria.

TABLE G-32
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN DRAIN SEDIMENTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	DS01 CDE-DSS01-00 BZF75 09/05/2000 / 08:33 0.17	DS04B CDE-DSS04B-00 BZG32 09/20/2000 / 12:10 0.17	DS05 CDE-DSS05-00 BZG30 09/20/2000 / 09:13 0.17	DS05 CDE-DSS95-00 BZG31 Duplicate of CDE-DSS05-00	DS06B CDE-DSS06B-00 BZG35 09/21/2000 / 08:42 0.17
CONSTITUENT						
Phenanthrene	--	470 J	300 J	4800 J	5300 J	2500 J
Anthracene	100000	1800 UJ	3900 U	950 J	1000 J	470 J
Carbazole	600	1800 UJ	3900 U	640 J	670 J	450 J
Di-n-butyl phthalate	100000	1800 UJ	3900 U	530 J	440 J	690 J
Fluoranthene	100000	870 J	640 J	9500 J	9400 J	5400
Pyrene	100000	880 J	720 J	7700 J	7800 J	7500 J
Butyl benzyl phthalate	100000	1800 UJ	910 J	9400 UJ	7300 UJ	4600 UJ
3,3'-Dichlorobenzidine	7	1800 UJ	3900 UJ	9400 UJ	7300 UJ	4600 UJ
Benzo(a)anthracene	600	460 J	290 J	4100 J	3900 J	2700 J
Chrysene	9000	550 J	590 J	5700 J	5900 J	4800 J
bis(2-Ethylhexyl) phthalate	35000	380 J	4400	13000 J	11000 J	11000 J
Di-n-octyl phthalate	100000	1800 UJ	3900 UJ	1000 J	3900 J	4600 UJ
Benzo(b)fluoranthene	600	740 J	770 J	3900 J	3800 J	4600 UJ
Benzo(k)fluoranthene	900	290 J	3900 U	4500 J	4400 J	11000 J
Benzo(a)pyrene	60	550 J	400 J	4000 J	3900 J	3400 J
Indeno(1,2,3-cd)pyrene	600	440 J	350 J	2700 J	2600 J	4400 J
Dibenzo(a,h)anthracene	60	1800 UJ	3900 U	1300 J	1100 J	540 J
Benzo(g,h,i)perylene	--	450 J	420 J	3500 J	3200 J	3700 J
4-Bromophenyl-phenylether	--	1800 UJ	3900 U	9400 UJ	7300 UJ	4600 U
Total SVOC TICs		8880 NJ	132000 JN	229800 JN	380100 JN	93300 JN

301667

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-32
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN DRAIN SEDIMENTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	DS07 CDE-DSS07-00 BZG36 09/21/2000 / 11:46 0.17
CONSTITUENT		
Benzaldehyde	--	2000 UJ
Phenol	30000	2000 UJ
Bis(2-chloroethyl)ether	0.4	2000 UJ
2-Chlorophenol	4000	2000 UJ
2-Methylphenol	15000	2000 UJ
Bis(2-chloro-1-methylethyl) ether	10000	2000 UJ
Acetophenone	--	2000 UJ
4-Methylphenol	2800000	2000 UJ
N-Nitroso-di-n-propylamine	0.05	2000 UJ
Hexachloroethane	500	2000 UJ
Nitrobenzene	100	2000 U
Isophorone	500	2000 U
2-Nitrophenol	--	2000 U
2,4-Dimethylphenol	9000	2000 U
Bis(2-chloroethoxy)methane	--	2000 U
2,4-Dichlorophenol	1000	2000 U
Naphthalene	84000	210 J
4-Chloroaniline	700	2000 U
Hexachlorobutadiene	1000	2000 U
Caprolactam	--	2000 U
4-Chloro-3-methylphenol	100000	2000 U
2-Methylnaphthalene	--	2000 U
Hexachlorocyclopentadiene	10000	2000 U

301668

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-32
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN DRAIN SEDIMENTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	DS07 CDE-DSS07-00 BZG36 09/21/2000 / 11:46 0.17
CONSTITUENT		
2,4,6-Trichlorophenol	200	2000 U
2,4,5-Trichlorophenol	900	5100 U
Biphenyl, 1,1-	60000	2000 U
2-Chloronaphthalene	--	2000 U
2-Nitroaniline	--	5100 U
Dimethyl phthalate	50000	230 J
2,6-Dinitrotoluene	0.7	2000 U
Acenaphthylene	--	370 J
3-Nitroaniline	--	5100 U
Acenaphthene	20000	150 J
2,4-Dinitrophenol	200	5100 U
4-Nitrophenol	7000	5100 U
Dibenzofuran	--	2000 U
2,4-Dinitrotoluene	0.8	2000 U
Diethyl phthalate	50000	1600 J
Fluorene	100000	200 J
4-Chlorophenyl phenyl ether	--	2000 U
4-Nitroaniline	--	5100 U
4,6-Dinitro-2-methylphenol	--	5100 UJ
N-Nitrosodiphenylamine	1000	2000 UJ
Hexachlorobenzene	300	2000 UJ
Atrazine	--	2000 UJ
Pentachlorophenol	30	5100 UJ

301669

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-32
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN DRAIN SEDIMENTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	DS07 CDE-DSS07-00 BZG36 09/21/2000 / 11:46 0.17
CONSTITUENT		
Phenanthrene	--	2300 J
Anthracene	100000	790 J
Carbazole	600	240 J
Di-n-butyl phthalate	100000	240 J
Fluoranthene	100000	4600 J
Pyrene	100000	7300 J
Butyl benzyl phthalate	100000	2000 UJ
3,3'-Dichlorobenzidine	7	2000 UJ
Benzo(a)anthracene	600	3400 J
Chrysene	9000	4200 J
bis(2-Ethylhexyl) phthalate	35000	4100 J
Di-n-octyl phthalate	100000	2000 UJ
Benzo(b)fluoranthene	600	2000 UJ
Benzo(k)fluoranthene	900	8000 J
Benzo(a)pyrene	60	3500 J
Indeno(1,2,3-cd)pyrene	600	2900 J
Dibenzo(a,h)anthracene	60	990 J
Benzo(g,h,i)perylene	--	2600 J
4-Bromophenyl-phenylether	--	2000 UJ
Total SVOC TICs		65000 JN

301670

Notes:
All results are in ug/Kg.
Shading indicates exceedance of criteria.

TABLE G-33
PESTICIDES AND PCBs DETECTED IN DRAIN SEDIMENTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	DS01 CDE-DSS01-00 BZF75 09/05/2000 / 08:33 0.17	DS04B CDE-DSS04B-00 BZG32 09/20/2000 / 12:10 0.17	DS05 CDE-DSS05-00 BZG30 09/20/2000 / 09:13 0.17	DS05 CDE-DSS95-00 BZG31 Duplicate of CDE-DSS05-00	DS06B CDE-DSS06B-00 BZG35 09/21/2000 / 08:42 0.17
CONSTITUENT						
alpha-BHC	0.5	9.3 UJ	91 J	58 J	20 J	150 J
delta-BHC	--	9.3 UJ	200 U	120 UJ	19 UJ	23 UJ
gamma-BHC (Lindane)	9	9.3 UJ	200 U	120 UJ	19 UJ	86 NJ
beta-BHC	3	320 JD	200 U	120 UJ	19 UJ	120 NJ
Heptachlor	100	9.3 UJ	200 U	120 UJ	26 UJ	51 UJ
Aldrin	40	340 J	200 U	120 UJ	19 UJ	23 UJ
Heptachlor epoxide	70	9.3 UJ	R	520 NJ	88 NJ	23 UJ
Endosulfan I	18000	9.3 UJ	200 U	120 UJ	19 UJ	23 UJ
Dieldrin	4	18 UJ	15000 DNJ	3500 NJ	1100 DNJ	2000 DNJ
4,4'-DDE	2000	18 UJ	12000 D	3100 J	780 DJ	1500 DJ
Endrin	1000	18 UJ	400 U	230 UJ	36 UJ	46 UJ
Endosulfan II	18000	120 J	400 U	230 UJ	36 UJ	46 UJ
4,4'-DDD	3000	18 UJ	400 U	230 UJ	36 UJ	46 UJ
Endosulfan sulfate	--	18 UJ	400 U	230 UJ	36 UJ	46 UJ
4,4'-DDT	2000	18 UJ	33000 D	13000 DJ	3000 DJ	5800 DJ
Methoxychlor	50000	93 UJ	2000 UJ	1200 UJ	190 UJ	230 UJ
Endrin ketone	--	18 UJ	400 U	230 UJ	36 UJ	46 UJ
Endrin aldehyde	--	R	400 U	230 UJ	36 UJ	250 NJ
alpha-Chlordane	2000	9.3 UJ	200 U	120 UJ	19 UJ	23 UJ
gamma-Chlordane	2000	R	9600 DJ	3400 DJ	650 DJ	1400 DJ
Toxaphene	100	930 UJ	20000 U	12000 UJ	1900 UJ	2300 UJ

301671

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-33
PESTICIDES AND PCBs DETECTED IN DRAIN SEDIMENTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	DS01 CDE-DSS01-00 BZF75 09/05/2000 / 08:33 0.17	DS04B CDE-DSS04B-00 BZG32 09/20/2000 / 12:10 0.17	DS05 CDE-DSS05-00 BZG30 09/20/2000 / 09:13 0.17	DS05 CDE-DSS95-00 BZG31 Duplicate of CDE-DSS05-00	DS06B CDE-DSS06B-00 BZG35 09/21/2000 / 08:42 0.17
CONSTITUENT						
Aroclor 1016	371	180 UJ	4000 U	2300 UJ	360 UJ	460 UJ
Aroclor 1221	371	360 UJ	8000 U	4800 UJ	740 UJ	920 UJ
Aroclor 1232	371	22000 JD	4000 U	2300 UJ	360 UJ	460 UJ
Aroclor 1242	371	180 UJ	4000 U	2300 UJ	360 UJ	460 UJ
Aroclor 1248	371	180 UJ	4000 U	2300 UJ	360 UJ	12000 J
Aroclor 1254	371	10000 JD	140000 J	63000 J	13000 J	19000 J
Aroclor 1260	371	180 UJ	4000 U	2300 UJ	360 UJ	460 UJ
Total PCBs PPM			140	63	13	31

301672

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-33
PESTICIDES AND PCBs DETECTED IN DRAIN SEDIMENTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	DS07 CDE-DSS07-00 BZG36 09/21/2000 / 11:46 0.17
CONSTITUENT		
alpha-BHC	0.5	1600 J
delta-BHC	--	210 UJ
gamma-BHC (Lindane)	9	920 NJ
beta-BHC	3	1200 NJ
Heptachlor	100	210 UJ
Aldrin	40	210 UJ
Heptachlor epoxide	70	210 UJ
Endosulfan I	18000	210 UJ
Dieldrin	4	R
4,4'-DDE	2000	4400 J
Endrin	1000	400 UJ
Endosulfan II	18000	400 UJ
4,4'-DDD	3000	400 UJ
Endosulfan sulfate	--	400 UJ
4,4'-DDT	2000	28000 DJ
Methoxychlor	50000	2100 UJ
Endrin ketone	--	400 UJ
Endrin aldehyde	--	1200 NJ
alpha-Chlordane	2000	210 UJ
gamma-Chlordane	2000	10000 DJ
Toxaphene	100	21000 UJ

301673

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-33
PESTICIDES AND PCBs DETECTED IN DRAIN SEDIMENTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	DS07 CDE-DSS07-00 BZG36 09/21/2000 / 11:46 0.17
CONSTITUENT		
Aroclor 1016	371	4000 UJ
Aroclor 1221	371	8200 UJ
Aroclor 1232	371	4000 UJ
Aroclor 1242	371	4000 UJ
Aroclor 1248	371	100000 J
Aroclor 1254	371	110000 J
Aroclor 1260	371	4000 UJ
Total PCBs PPM		210

301674

Notes:
All results are in ug/Kg (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-34
INORGANICS DETECTED IN DRAIN SEDIMENTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	DS01 CDE-DSS01-00 MBTM95 09/05/2000 / 08:33 0.17	DS04B CDE-DSS04B-00 MBTN48 09/20/2000 / 12:10 0.17	DS05 CDE-DSS05-00 MBTN46 09/20/2000 / 09:13 0.17	DS05 CDE-DSS95-00 MBTN47 Duplicate of CDE-DSS05-00	DS06B CDE-DSS06B-00 MBTN49 09/21/2000 / 08:42 0.17
CONSTITUENT						
Aluminum	--	7590 J	6290	5970 J	6430 J	9190
Antimony	5	8 BJ	5.7 B	4.3 BJ	5.3 BJ	2.3 B
Arsenic	0.4	89.9 J	4	3.1 BJ	3.3 BJ	8.1
Barium	283	1010 J	92.8	143 J	220 J	155
Beryllium	2	0.75 BJ	0.42 B	0.48 BJ	0.53 UJ	0.43 B
Cadmium	4	2.7 BJ	4.1	3 J	2.8 J	5.7
Calcium	--	14300 J	24400	8160 J	8470 J	8980
Chromium	0.4	23.7 J	40.7	47.9 J	35.1 J	37.3
Cobalt	20	12.2 BJ	7.2 B	6.8 BJ	6.5 BJ	13 B
Copper	60	112 J	233	92.6 J	134 J	113
Cyanide	40	7.5 J	0.18 U	0.34 UJ	0.79 BJ	1.5 J
Iron	--	122000 J	43200	21400 J	23100 J	30500
Lead	40.5	330 J	7780	515 J	604 J	225
Magnesium	--	3150 BJ	8850	3200 J	3770 J	7670
Manganese	--	64100 J	332	142 J	152 J	280
Mercury	0.00051	1.9 J	0.48 J	0.4 J	0.31 J	0.22 J
Nickel	30	63 J	26.5 J	24.2 J	26.4 J	36.8 J
Potassium	--	983 BJ	427 B	707 BJ	787 BJ	558 B
Selenium	0.21	1.4 UJ	0.73 U	1.4 UJ	1.6 UJ	0.97 BJ
Silver	2	1.4 BJ	2.7	13.6 J	12 J	5
Sodium	--	1170 BJ	591 BJ	1810 BJ	2250 BJ	854 BJ
Thallium	0.7	2.1 UJ	2.8	2.8 UJ	3.1 UJ	2 B
Vanadium	2	177 J	25.4	41.3 J	46.7 J	73.6
Zinc	8.5	258 J	929 J	420 J	482 J	561 J

301675

Notes:
All results are in mg/Kg.
Shading indicates exceedance of criteria.

TABLE G-34
INORGANICS DETECTED IN DRAIN SEDIMENTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE / TIME DEPTH (ft)	Screening Criteria for Surface Soil	DS07 CDE-DSS07-00 MBTN50 09/21/2000 / 11:46 0.17
CONSTITUENT		
Aluminum	--	9350
Antimony	5	2.3 B
Arsenic	0.4	7.3
Barium	283	91.5
Beryllium	2	0.7 B
Cadmium	4	3.3
Calcium	--	8160
Chromium	0.4	23.8
Cobalt	20	13.8
Copper	60	125
Cyanide	40	0.37 BJ
Iron	--	30200
Lead	40.5	150
Magnesium	--	6060
Manganese	--	524
Mercury	0.00051	0.14 J
Nickel	30	29.2 J
Potassium	--	545 B
Selenium	0.21	0.99 BJ
Silver	2	2.3 B
Sodium	--	799 BJ
Thallium	0.7	1.5 U
Vanadium	2	83.4
Zinc	8.5	386 J

301676

Notes:
All results are in mg/Kg.
Shading indicates exceedance of criteria.

TABLE G-35
VOLATILE ORGANIC COMPOUNDS DETECTED IN DRAIN WATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Surface Water	DS01 CDE-DSW01-01 BZF47 08/24/00	DS02 CDE-DSW02-01 BZG27 09/20/00	DS03 CDE-DSW03-01 BZG38 09/22/00	DS04A CDE-DSW04-01 BZG26 09/20/00
CONSTITUENT					
Chloromethane	--	1 U	1 U	1 U	1 U
Vinyl chloride	0.083	0.9 J	1 U	0.4 J	1 U
Bromomethane	48	1 U	1 U	1 U	1 U
Chloroethane	--	1 U	1 U	1 U	1 U
1,1-Dichloroethylene	0.057	1 U	1 U	1 U	1 U
Acetone	--	R	R	R	R
Carbon disulfide	--	1 U	1 U	1 U	1 U
Methylene chloride	2.49	2 U	13	2 U	13
trans-1,2-Dichloroethylene	592	1 U	1 U	1 U	1 U
1,1-Dichloroethane	--	1 U	1 U	0.4 J	1 U
cis-1,2-Dichloroethylene	--	3	0.6 J	5	1 U
2-Butanone	--	R	R	R	R
Chloroform	5.67	0.8 J	1 U	1 U	1 U
1,1,1-Trichloroethane	127	1 U	1 U	1 U	1 U
Carbon tetrachloride	0.25	1 U	1 U	1 U	1 U
Benzene	0.15	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.291	1 U	1 U	1 U	1 U
Trichloroethylene	1.09	1 U	1 U	2	1 U
1,2-Dichloropropane	0.52	1 U	1 U	1 U	1 U
Bromodichloromethane	0.266	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.193	1 U	1 U	1 U	1 U

301677

Notes:
All results are in ug/L.
Shading indicates exceedance of criteria.

TABLE G-35
VOLATILE ORGANIC COMPOUNDS DETECTED IN DRAIN WATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Surface Water	DS01 CDE-DSW01-01 BZF47 08/24/00	DS02 CDE-DSW02-01 BZG27 09/20/00	DS03 CDE-DSW03-01 BZG38 09/22/00	DS04A CDE-DSW04-01 BZG26 09/20/00
CONSTITUENT					
4-Methyl-2-pentanone	--	5 U	R	5 U	R
Toluene	6800	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.193	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U	1 U
Tetrachloroethylene	0.388	1 U	1 U	1 U	1 U
2-Hexanone	--	5 U	R	R	R
Dibromochloromethane	0.41	1 U	1 U	1 U	1 U
Chlorobenzene	680	1 U	1 U	0.3 J	1 U
Ethylbenzene	3030	1 U	1 U	1 U	1 U
Xylene (total)	--	1 U	1 U	1 U	1 U
Styrene	--	1 U	1 U	1 U	1 U
Bromoform	4.3	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.17	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	400	1 U	1 U	1 U	2
1,4-Dichlorobenzene	400	1 U	1 U	1 U	1
1,2-Dichlorobenzene	2520	1 U	1 U	1 U	0.7 J
1,2-Dibromo-3-chloropropane	--	R	R	R	R
1,2,4-Trichlorobenzene	30.6	1 U	1 U	0.5 J	2
Total VOC TICs		U	238 JN	U	U

301678

Notes:
All results are in ug/L.
Shading indicates exceedance of criteria.

TABLE G-35
VOLATILE ORGANIC COMPOUNDS DETECTED IN DRAIN WATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Surface Water	DS05 CDE-DSW05-01 BZG24 09/20/00	DS05 CDE-DSW95-01 BZG25 Duplicate of CDE-DSW05-01	DS06A CDE-DSW06A-01 BZG34 09/21/00
CONSTITUENT				
Chloromethane	--	1 U	1 U	1 U
Vinyl chloride	0.083	1 U	1 U	1 U
Bromomethane	48	1 U	1 U	1 U
Chloroethane	--	1 U	1 U	1 U
1,1-Dichloroethylene	0.057	1 U	1 U	1 U
Acetone	--	R	R	R
Carbon disulfide	--	1 U	1 U	1 U
Methylene chloride	2.49	2 U	2 U	2 U
trans-1,2-Dichloroethylene	592	1 U	1 U	1 U
1,1-Dichloroethane	--	1 U	1 U	1 U
cis-1,2-Dichloroethylene	--	1 U	1 U	11
2-Butanone	--	R	R	R
Chloroform	5.67	1 U	1 U	0.5
1,1,1-Trichloroethane	127	1 U	1 U	1 U
Carbon tetrachloride	0.25	1 U	1 U	1 U
Benzene	0.15	1 U	1 U	1 U
1,2-Dichloroethane	0.291	1 U	1 U	1 U
Trichloroethylene	1.09	1 U	1 U	27 D
1,2-Dichloropropane	0.52	1 U	1 U	1 U
Bromodichloromethane	0.266	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.193	1 U	1 U	1 U

301679

Notes:
All results are in ug/L.
Shading indicates exceedance of criteria.

TABLE G-35
VOLATILE ORGANIC COMPOUNDS DETECTED IN DRAIN WATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Surface Water	DS05 CDE-DSW05-01 BZG24 09/20/00	DS05 CDE-DSW95-01 BZG25 Duplicate of CDE-DSW05-01	DS06A CDE-DSW06A-01 BZG34 09/21/00
CONSTITUENT				
4-Methyl-2-pentanone	--	R	R	5 U
Toluene	6800	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.193	1 U	1 U	1 U
1,1,2-Trichloroethane	0.6	1 U	1 U	1 U
Tetrachloroethylene	0.388	1 U	1 U	0.4 J
2-Hexanone	--	R	R	R
Dibromochloromethane	0.41	1 U	1 U	1 U
Chlorobenzene	680	1 U	1 U	1 U
Ethylbenzene	3030	1 U	1 U	1 U
Xylene (total)	--	1 U	1 U	1 U
Styrene	--	1 U	1 U	1 U
Bromoform	4.3	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	0.17	1 U	1 U	1 U
1,3-Dichlorobenzene	400	1 U	1 U	1 U
1,4-Dichlorobenzene	400	1 U	1 U	1 U
1,2-Dichlorobenzene	2520	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	--	R	R	R
1,2,4-Trichlorobenzene	30.6	1 U	1 U	1 U
Total VOC TICs		U	U	U

301680

Notes:
All results are in ug/L.
Shading indicates exceedance of criteria.

TABLE G-36
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN DRAIN WATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Surface Water	DS01 CDE-DSW01-01 BZF47 08/24/00	DS02 CDE-DSW02-01 BZG27 09/20/00	DS03 CDE-DSW03-01 BZG38 09/22/00	DS04A CDE-DSW04-01 BZG26 09/20/00
CONSTITUENT					
Phenol	20900	5 U	5 U	5 U	5 U
Bis(2-chloroethyl)ether	0.031	5 U	5 U	5 U	5 U
2-Chlorophenol	120	5 U	5 U	5 U	5 U
2-Methylphenol	--	5 U	5 U	5 U	5 U
Bis(2-chloro-1-methylethyl) ether	1250	5 U	5 U	5 U	5 U
4-Methylphenol	--	5 U	5 U	5 U	5 U
N-Nitroso-di-n-propylamine	0.005	5 U	5 U	5 U	5 U
Hexachloroethane	1.9	5 U	5 U	5 U	5 U
Nitrobenzene	16	5 U	5 U	5 U	5 U
Isophorone	36	5 U	5 U	5 U	5 U
2-Nitrophenol	--	5 U	5 U	5 U	5 U
2,4-Dimethylphenol	540	5 U	5 U	5 U	5 U
Bis(2-chloroethoxy)methane	--	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	92.7	5 U	5 U	5 U	5 U
Naphthalene	--	5 U	5 U	5 U	5 U
4-Chloroaniline	--	5 U	5 U	5 U	5 U
Hexachlorobutadiene	0.44	5 U	5 U	5 U	5 U
4-Chloro-3-methylphenol	--	5 U	5 U	5 U	5 U
2-Methylnaphthalene	--	5 U	5 U	5 U	5 U
Hexachlorocyclopentadiene	240	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	2.1	5 U	5 U	5 U	5 U
2,4,5-Trichlorophenol	2580	20 U	20 U	20 U	20 U
2-Chloronaphthalene	1700	5 U	5 U	5 U	5 U

301681

Notes:
All results are in ug/L.

TABLE G-36
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN DRAIN WATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Surface Water	DS01 CDE-DSW01-01 BZF47 08/24/00	DS02 CDE-DSW02-01 BZG27 09/20/00	DS03 CDE-DSW03-01 BZG38 09/22/00	DS04A CDE-DSW04-01 BZG26 09/20/00
CONSTITUENT					
2-Nitroaniline	--	20 U	20 U	20 U	20 U
Dimethyl phthalate	313000	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	--	5 U	5 U	5 U	5 U
Acenaphthylene	--	5 U	5 U	5 U	5 U
3-Nitroaniline	--	20 U	20 U	20 U	20 U
Acenaphthene	1200	5 U	5 U	5 U	5 U
2,4-Dinitrophenol	69.7	20 U	20 U	20 U	20 U
4-Nitrophenol	--	20 U	20 U	20 U	20 U
Dibenzofuran	--	5 U	5 U	5 U	5 U
2,4-Dinitrotoluene	0.11	5 U	5 U	5 U	5 U
Diethyl phthalate	21200	5 U	5 U	5 U	5 U
Fluorene	1300	5 U	5 U	5 U	5 U
4-Chlorophenyl phenyl ether	--	5 U	5 U	5 U	5 U
4-Nitroaniline	--	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	13.4	20 U	20 U	20 U	20 U
N-Nitrosodiphenylamine	4.95	5 U	5 U	5 U	5 U
Hexachlorobenzene	0.000748	5 U	5 U	5 U	5 U
Pentachlorophenol	0.28	20 U	20 U	20 U	20 U
Phenanthrene	--	5 U	5 U	5 U	5 U
Anthracene	9570	5 U	5 U	5 U	5 U
Di-n-butyl phthalate	2700	5 U	5 U	5 U	5 U
Fluoranthene	300	5 U	5 U	5 U	5 U
Pyrene	797	5 U	5 U	5 U	5 U

301682

Notes:
All results are in ug/L.

TABLE G-36
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN DRAIN WATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Surface Water	DS01 CDE-DSW01-01 BZF47 08/24/00	DS02 CDE-DSW02-01 BZG27 09/20/00	DS03 CDE-DSW03-01 BZG38 09/22/00	DS04A CDE-DSW04-01 BZG26 09/20/00
CONSTITUENT					
Butyl benzyl phthalate	239	5 U	5 UJ	5 UJ	5 UJ
3,3'-Dichlorobenzidine	0.0386	5 U	R	R	R
Benzo(a)anthracene	0.0028	5 U	5 U	5 U	5 U
Chrysene	0.0028	5 U	5 U	5 U	5 U
bis(2-Ethylhexyl) phthalate	1.76	10	5 UJ	5 UJ	5 UJ
Di-n-octyl phthalate	--	5 U	5 U	5 U	5 U
Benzo(b)fluoranthene	0.0028	5 U	5 U	5 U	5 U
Benzo(k)fluoranthene	0.0028	5 U	5 U	5 U	5 U
Benzo(a)pyrene	0.0028	5 U	5 U	5 U	5 U
Indeno(1,2,3-cd)pyrene	0.0028	5 U	5 U	5 U	5 U
Dibenzo(a,h)anthracene	0.0028	5 U	5 U	5 U	5 U
Benzo(g,h,i)perylene	--	5 U	5 U	5 U	5 U
4-Bromophenyl-phenylether	--	5 U	5 U	5 U	5 U
Total SVOC TICs		U	294 JN	U	31 J

301683

Notes:
All results are in ug/L.

TABLE G-36
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN DRAIN WATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Surface Water	DS05 CDE-DSW05-01 BZG24 09/20/00	DS05 CDE-DSW95-01 BZG25 Duplicate of CDE-DSW05-01	DS06A CDE-DSW06A-01 BZG34 09/21/00
CONSTITUENT				
Phenol	20900	5 U	5 U	5 U
Bis(2-chloroethyl)ether	0.031	5 U	5 U	5 U
2-Chlorophenol	120	5 U	5 U	5 U
2-Methylphenol	--	5 U	5 U	5 U
Bis(2-chloro-1-methylethyl) ether	1250	5 U	5 U	5 U
4-Methylphenol	--	5 U	5 U	5 U
N-Nitroso-di-n-propylamine	0.005	5 U	5 U	5 U
Hexachloroethane	1.9	5 U	5 U	5 U
Nitrobenzene	16	5 U	5 U	5 U
Isophorone	36	5 U	5 U	5 U
2-Nitrophenol	--	5 U	5 U	5 U
2,4-Dimethylphenol	540	5 U	5 U	5 U
Bis(2-chloroethoxy)methane	--	5 U	5 U	5 U
2,4-Dichlorophenol	92.7	5 U	5 U	5 U
Naphthalene	--	5 U	5 U	5 U
4-Chloroaniline	--	5 U	5 U	5 U
Hexachlorobutadiene	0.44	5 U	5 U	5 U
4-Chloro-3-methylphenol	--	5 U	5 U	5 U
2-Methylnaphthalene	--	5 U	5 U	5 U
Hexachlorocyclopentadiene	240	5 U	5 U	5 U
2,4,6-Trichlorophenol	2.1	5 U	5 U	5 U
2,4,5-Trichlorophenol	2580	20 U	20 U	20 U
2-Chloronaphthalene	1700	5 U	5 U	5 U

301684

Notes:
All results are in ug/L.

TABLE G-36
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN DRAIN WATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Surface Water	DS05 CDE-DSW05-01 BZG24 09/20/00	DS05 CDE-DSW95-01 BZG25 Duplicate of CDE-DSW05-01	DS06A CDE-DSW06A-01 BZG34 09/21/00
CONSTITUENT				
2-Nitroaniline	--	20 U	20 U	20 U
Dimethyl phthalate	313000	5 U	5 U	5 U
2,6-Dinitrotoluene	--	5 U	5 U	5 U
Acenaphthylene	--	5 U	5 U	5 U
3-Nitroaniline	--	20 U	20 U	20 U
Acenaphthene	1200	5 U	5 U	5 U
2,4-Dinitrophenol	69.7	20 U	20 U	20 U
4-Nitrophenol	--	20 U	20 U	20 U
Dibenzofuran	--	5 U	5 U	5 U
2,4-Dinitrotoluene	0.11	5 U	5 U	5 U
Diethyl phthalate	21200	5 U	5 U	5 U
Fluorene	1300	5 U	5 U	5 U
4-Chlorophenyl phenyl ether	--	5 U	5 U	5 U
4-Nitroaniline	--	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	13.4	20 U	20 U	20 U
N-Nitrosodiphenylamine	4.95	5 U	5 U	5 U
Hexachlorobenzene	0.000748	5 U	5 U	5 U
Pentachlorophenol	0.28	20 U	20 U	20 U
Phenanthrene	--	5 U	5 U	5 U
Anthracene	9570	5 U	5 U	5 U
Di-n-butyl phthalate	2700	5 U	5 U	5 U
Fluoranthene	300	5 U	5 U	5 U
Pyrene	797	5 U	5 U	5 U

Notes:
All results are in ug/L.

301685

TABLE G-36
SEMI-VOLATILE ORGANIC COMPOUNDS DETECTED IN DRAIN WATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Surface Water	DS05 CDE-DSW05-01 BZG24 09/20/00	DS05 CDE-DSW95-01 BZG25 Duplicate of CDE-DSW05-01	DS06A CDE-DSW06A-01 BZG34 09/21/00
CONSTITUENT				
Butyl benzyl phthalate	239	5 UJ	5 UJ	5 UJ
3,3'-Dichlorobenzidine	0.0386	R	R	R
Benzo(a)anthracene	0.0028	5 U	5 U	5 U
Chrysene	0.0028	5 U	5 U	5 U
bis(2-Ethylhexyl) phthalate	1.76	5 UJ	5 UJ	5 UJ
Di-n-octyl phthalate	--	5 U	5 U	5 U
Benzo(b)fluoranthene	0.0028	5 U	5 U	5 U
Benzo(k)fluoranthene	0.0028	5 U	5 U	5 U
Benzo(a)pyrene	0.0028	5 U	5 U	5 U
Indeno(1,2,3-cd)pyrene	0.0028	5 U	5 U	5 U
Dibenzo(a,h)anthracene	0.0028	5 U	5 U	5 U
Benzo(g,h,i)perylene	--	5 U	5 U	5 U
4-Bromophenyl-phenylether	--	5 U	5 U	5 U
Total SVOC TICs		U	28 J	U

301686

Notes:
All results are in ug/L.

TABLE G-37
PESTICIDES AND PCBs DETECTED IN DRAIN WATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Surface Water	DS01 CDE-DSW01-01 BZF47 08/24/00	DS02 CDE-DSW02-01 BZG27 09/20/00	DS03 CDE-DSW03-01 BZG38 09/22/00	DS04A CDE-DSW04-01 BZG26 09/20/00	DS05 CDE-DSW05-01 BZG24 09/20/00
CONSTITUENT						
alpha-BHC	0.0039	0.01 U	R	0.01 U	0.01 U	0.01 UJ
beta-BHC	0.014	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ
delta-BHC	--	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ
gamma-BHC (Lindane)	0.019	0.01 U	0.01 U	0.036 JN	0.01 U	0.01 UJ
Heptachlor	0.000208	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ
Aldrin	0.00013	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ
Heptachlor epoxide	0.0001	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ
Endosulfan I	0.056	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ
Dieldrin	0.000135	0.02 U	0.02 U	0.02 U	0.02 U	0.02 UJ
4,4'-DDE	0.000588	0.02 U	0.02 U	0.02 U	0.02 U	0.02 UJ
Endrin	0.0023	0.02 U	0.02 U	0.02 U	0.02 U	0.02 UJ
Endosulfan II	0.056	0.02 U	0.02 U	0.02 U	0.02 U	0.02 UJ
4,4'-DDD	0.00083	0.02 U	0.02 U	0.02 U	0.02 U	0.02 UJ
Endosulfan sulfate	0.93	0.02 U	0.02 U	0.02 U	0.02 U	0.02 UJ
4,4'-DDT	0.000588	0.02 U	0.02 U	0.02 U	0.02 U	0.02 UJ
Methoxychlor	0.03	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ
Endrin ketone	--	0.02 U	0.02 U	0.02 U	0.02 U	0.02 UJ
Endrin aldehyde	0.76	0.02 U	0.02 U	0.02 U	0.02 U	0.02 UJ
alpha-Chlordane	0.000277	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ
gamma-Chlordane	0.000277	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ
Toxaphene	0.0002	1 U	1 U	1 U	1 U	1 UJ

301687

Notes:
All results are in ug/L (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-37
PESTICIDES AND PCBs DETECTED IN DRAIN WATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Surface Water	DS01 CDE-DSW01-01 BZF47 08/24/00	DS02 CDE-DSW02-01 BZG27 09/20/00	DS03 CDE-DSW03-01 BZG38 09/22/00	DS04A CDE-DSW04-01 BZG26 09/20/00	DS05 CDE-DSW05-01 BZG24 09/20/00
CONSTITUENT						
Aroclor 1016	0.00017	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ
Aroclor 1221	0.00017	0.4 U	0.4 U	0.4 U	0.4 U	0.4 UJ
Aroclor 1232	0.00017	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ
Aroclor 1242	0.00017	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ
Aroclor 1248	0.00017	2.8 J	0.2 U	0.2 U	0.2 U	0.2 UJ
Aroclor 1254	0.00017	9.5 D	11 D	0.54	5.1 D	0.13 J
Aroclor 1260	0.00017	1.4	0.2 U	0.2 U	0.2 U	0.2 UJ
Total PCBs PPM		0.0137	0.011	0.00054	0.0051	0.00013

301688

Notes:
All results are in ug/L (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-37
PESTICIDES AND PCBs DETECTED IN DRAIN WATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Surface Water	DS05 CDE-DSW95-01 BZG25 Duplicate of CDE-DSW05-01	DS06A CDE-DSW06A-01 BZG34 09/21/00
CONSTITUENT			
alpha-BHC	0.0039	0.01 U	**0.012 JN**
beta-BHC	0.014	0.01 U	0.01 U
delta-BHC	--	0.01 U	0.01 U
gamma-BHC (Lindane)	0.019	0.01 U	**0.024 JN**
Heptachlor	0.000208	0.01 U	**0.028**
Aldrin	0.00013	0.01 U	0.01 U
Heptachlor epoxide	0.0001	0.01 U	0.01 U
Endosulfan I	0.056	0.01 U	0.01 U
Dieldrin	0.000135	0.02 U	0.02 U
4,4'-DDE	0.000588	0.02 U	0.02 U
Endrin	0.0023	0.02 U	0.02 U
Endosulfan II	0.056	0.02 U	0.02 U
4,4'-DDD	0.00083	0.02 U	0.02 U
Endosulfan sulfate	0.93	0.02 U	0.02 U
4,4'-DDT	0.000588	0.02 U	0.02 U
Methoxychlor	0.03	0.1 U	0.1 U
Endrin ketone	--	0.02 U	0.02 U
Endrin aldehyde	0.76	0.02 U	0.02 U
alpha-Chlordane	0.000277	0.01 U	0.01 U
gamma-Chlordane	0.000277	0.01 U	0.01 U
Toxaphene	0.0002	1 U	1 U

301689

Notes:
All results are in ug/L (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-37
PESTICIDES AND PCBs DETECTED IN DRAIN WATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Surface Water	DS05 CDE-DSW95-01 BZG25 Duplicate of CDE-DSW05-01	DS06A CDE-DSW06A-01 BZG34 09/21/00
CONSTITUENT			
Aroclor 1016	0.00017	0.2 U	0.2 U
Aroclor 1221	0.00017	0.4 U	0.4 U
Aroclor 1232	0.00017	0.2 U	0.2 U
Aroclor 1242	0.00017	0.2 U	0.2 U
Aroclor 1248	0.00017	0.2 U	0.2 U
Aroclor 1254	0.00017	0.19 J	1.5
Aroclor 1260	0.00017	0.2 U	0.2 U
Total PCBs PPM		0.00019	0.0015

301690

Notes:
All results are in ug/L (except Total PCBs PPM).
Shading indicates exceedance of criteria.

TABLE G-38
INORGANICS DETECTED IN DRAIN WATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Surface Water	DS01 CDE-DSW01-01 MBTM67 08/24/00	DS02 CDE-DSW02-01 MBTN43 09/20/00	DS03 CDE-DSW03-01 MBTN51 09/22/00	DS04A CDE-DSW04-01 MBTN42 09/20/00
CONSTITUENT					
Aluminum	87	1270	204	29.1 B	324
Antimony	12.2	4.9 U	5 U	5 U	5 U
Arsenic	0.017	15.8	10.8	3 U	3 U
Barium	1000	159 B	88.9 B	82.6 B	37.6 B
Beryllium	--	0.2 U	1 U	1 U	1 U
Cadmium	2.2	1.3 B	1 U	1 U	1 U
Calcium	--	72700	28600	25800	8290
Chromium	74	5.6 B	248	2 U	2 U
Cobalt	--	2.4 B	3 U	3 U	3 U
Copper	9	38.2 JE	26.7	4.1 B	33.4
Cyanide	5.2	4.3 U	3 U	3 UJN	3 U
Iron	300	6050	1640 JN	198 N	868 JN
Lead	2.5	320	R	2 UN	R
Magnesium	--	9250	4570 B	5730	855 B
Manganese	50	2670	50.7	552	25.1
Mercury	0.05	0.89 JN	0.19 B	0.17 B	0.22
Nickel	52	9.6 B	2.6 B	2.7 B	2.7 B
Potassium	--	6120 JE	5450	2170 B	458 B
Selenium	5	3.9 U	3 B	3 UJ	3 U
Silver	3.4	1.8 U	3 U	1 U	3 U
Sodium	--	23600	19000 E	15600 JE	3160 BE
Thallium	1.7	7.8 U	6 U	6 U	6 U
Vanadium	--	93.1	99.1	7.2 B	2.5 B
Zinc	120	209	R	R	R

301691

Notes:
All results are in ug/L.
Shading indicates exceedance of criteria.

TABLE G-38
INORGANICS DETECTED IN DRAIN WATER
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SITE FWENC SAMPLE ID USEPA SAMPLE ID DATE	Screening Criteria for Surface Water	DS05 CDE-DSW05-01 MBTN40 09/20/00	DS05 CDE-DSW95-01 Duplicate of CDE-DSW05-01	DS06A CDE-DSW06A-01 MBTN44 09/21/00
CONSTITUENT				
Aluminum	87	**137 B**	**142 B**	**141 B**
Antimony	12.2	5.1 B	60 U	5 U
Arsenic	0.017	10 U	10 U	3 U
Barium	1000	39.3 B	42.8 B	93.4 B
Beryllium	--	5 U	5 U	1 U
Cadmium	2.2	5 U	5 U	1.3 B
Calcium	--	26900	30200	20900
Chromium	74	10 U	10 U	2 U
Cobalt	--	50 U	50 U	3 U
Copper	9	**9.4 B**	**13.1 B**	**9.4 B**
Cyanide	5.2	3 U	3 U	3 UJN
Iron	300	**442 JN**	**510 JN**	279 N
Lead	2.5	R	R	**13.8 N**
Magnesium	--	1330 B	1400 B	4800 B
Manganese	50	41.7	44	**51.8**
Mercury	0.05	**0.18 B**	**0.19 B**	**0.14 B**
Nickel	52	2 U	4.7 B	2 U
Potassium	--	2330 B	2310 B	1810 B
Selenium	5	3 U	3 U	3 UJ
Silver	3.4	3 U	3 U	1 U
Sodium	--	13400 E	13600 E	13600 JE
Thallium	1.7	6 U	6 U	6 U
Vanadium	--	5.5 B	4.5 B	2.1 B
Zinc	120	R	R	R

301692

Notes:
All results are in ug/L.
Shading in[illegible]s exceedance of criteria.

TABLE G-39
SOIL GAS FIELD BLANK RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	EB001 05/23/00 FIELD BLANK	EB002 05/23/00 FIELD BLANK	EB003 05/23/00 FIELD BLANK	EB005 05/24/00 FIELD BLANK	EB006 05/24/00 FIELD BLANK	EB004 05/24/00 FIELD BLANK	EB007 05/25/00 FIELD BLANK
CONSTITUENTS							
Carbon tetrachloride	U	U	U	U	U	U	U
Chloroform	U	U	U	U	U	U	U
Benzene	U	U	U	U	U	U	U
1,1,1-Trichloroethane	U	U	U	U	U	U	U
Methylene chloride	U	U	U	U	U	U	U
1,1-Dichloroethane	U	U	U	U	U	U	U
1,1-Dichloroethene	U	U	U	U	U	U	U
1,1,2-Trichloroethane	U	U	U	U	U	U	U
Trichloroethene	U	U	U	U	U	U	U
o-Xylene	U	U	U	U	U	U	U
Ethylbenzene	U	U	U	U	U	U	U
Toluene	U	U	U	U	U	U	U
Tetrachloroethene	U	U	U	U	U	U	U
cis-1,2-Dichloroethene	U	U	U	U	U	U	U
trans-1,2-Dichloroethene	U	U	U	U	U	U	U
m/p-xylene	U	U	U	U	U	U	U
Total FID Volatiles	U	U	U	U	U	U	U

301693

Notes:
All results are in ug/L.

TABLE G-39
SOIL GAS FIELD BLANK RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	EB008 05/25/00 FIELD BLANK	EB009 05/25/00 FIELD BLANK	EB010 05/26/00 FIELD BLANK	EB011 05/26/00 FIELD BLANK	EB012 05/30/00 FIELD BLANK	EB013 05/30/00 FIELD BLANK	EB014 05/30/00 FIELD BLANK
CONSTITUENTS							
Carbon tetrachloride	U	U	U	U	U	U	U
Chloroform	U	U	U	U	U	U	U
Benzene	U	U	U	U	U	U	U
1,1,1-Trichloroethane	U	U	U	U	U	U	U
Methylene chloride	U	U	U	U	U	U	U
1,1-Dichloroethane	U	U	U	U	U	U	U
1,1-Dichloroethene	U	U	U	U	U	U	U
1,1,2-Trichloroethane	U	U	U	U	U	U	U
Trichloroethene	U	U	U	U	U	U	U
o-Xylene	U	U	U	U	U	U	U
Ethylbenzene	U	U	U	U	U	U	U
Toluene	U	U	U	U	U	U	U
Tetrachloroethene	U	U	U	U	U	U	U
cis-1,2-Dichloroethene	U	U	U	U	U	U	U
trans-1,2-Dichloroethene	U	U	U	U	U	U	U
m/p-xylene	U	U	U	U	U	U	U
Total FID Volatiles	U	U	U	U	U	U	U

301694

Notes:
All results are in ug/L.

TABLE G-39
SOIL GAS FIELD BLANK RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	EB015 05/31/00 FIELD BLANK	EB016 05/31/00 FIELD BLANK	EB017 05/31/00 FIELD BLANK	EB018 05/31/00 FIELD BLANK	EB019 06/01/00 FIELD BLANK	EB020 06/01/00 FIELD BLANK	EB021 06/01/00 FIELD BLANK
CONSTITUENTS							
Carbon tetrachloride	U	U	U	U	U	U	U
Chloroform	U	U	U	U	U	U	U
Benzene	U	U	U	U	U	U	U
1,1,1-Trichloroethane	U	U	U	U	U	U	U
Methylene chloride	U	U	U	U	U	U	U
1,1-Dichloroethane	U	U	U	U	U	U	U
1,1-Dichloroethene	U	U	U	U	U	U	U
1,1,2-Trichloroethane	U	U	U	U	U	U	U
Trichloroethene	U	U	U	U	U	U	U
o-Xylene	U	U	U	U	U	U	U
Ethylbenzene	U	U	U	U	U	U	U
Toluene	U	U	U	U	U	U	U
Tetrachloroethene	U	U	U	U	U	U	U
cis-1,2-Dichloroethene	U	U	U	U	U	U	U
trans-1,2-Dichloroethene	U	U	U	U	U	U	U
m/p-xylene	U	U	U	U	U	U	U
Total FID Volatiles	U	U	U	U	U	U	U

301695

Notes:
All results are in ug/L.

TABLE G-39
SOIL GAS FIELD BLANK RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	EB022 06/01/00 FIELD BLANK	EB023 06/02/00 FIELD BLANK	EB024 06/02/00 FIELD BLANK	EB025 06/02/00 FIELD BLANK	EB026 06/05/00 FIELD BLANK	EB027 06/05/00 FIELD BLANK	EB028 06/05/00 FIELD BLANK
CONSTITUENTS							
Carbon tetrachloride	U	U	U	U	U	U	U
Chloroform	U	U	U	U	U	U	U
Benzene	U	U	U	U	U	U	U
1,1,1-Trichloroethane	U	U	U	U	U	U	U
Methylene chloride	U	U	U	U	U	U	U
1,1-Dichloroethane	U	U	U	U	U	U	U
1,1-Dichloroethene	U	U	U	U	U	U	U
1,1,2-Trichloroethane	U	U	U	U	U	U	U
Trichloroethene	U	U	U	U	U	U	U
o-Xylene	U	U	U	U	U	U	U
Ethylbenzene	U	U	U	U	U	U	U
Toluene	U	U	U	U	U	U	U
Tetrachloroethene	U	U	U	U	U	U	U
cis-1,2-Dichloroethene	U	U	U	U	U	U	U
trans-1,2-Dichloroethene	U	U	U	U	U	U	U
m/p-xylene	U	U	U	U	U	U	U
Total FID Volatiles	U	U	U	U	U	U	U

301696

Notes:
All results are in ug/L.

TABLE G-39
SOIL GAS FIELD BLANK RESULTS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	EB029 06/05/00 FIELD BLANK	EB030 06/06/00 FIELD BLANK	EB031 06/06/00 FIELD BLANK
CONSTITUENTS			
Carbon tetrachloride	U	U	U
Chloroform	U	U	U
Benzene	U	U	U
1,1,1-Trichloroethane	U	U	U
Methylene chloride	U	U	U
1,1-Dichloroethane	U	U	U
1,1-Dichloroethene	U	U	U
1,1,2-Trichloroethane	U	U	U
Trichloroethene	U	U	0.001
o-Xylene	U	U	U
Ethylbenzene	U	U	U
Toluene	U	U	U
Tetrachloroethene	U	U	U
cis-1,2-Dichloroethene	U	U	U
trans-1,2-Dichloroethene	U	U	U
m/p-xylene	U	U	U
Total FID Volatiles	U	U	U

301697

Notes:
All results are in ug/L.

TABLE G-40
PCBs DETECTED IN BUILDING FLOOR DUST FIELD BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-BFDFB-01 05/30/00 FIELD BLANK	CDE-BFDFB-02 05/31/00 FIELD BLANK	CDE-BFDFB-03 06/01/00 FIELD BLANK	CDE-BFDFB-04 06/02/00 FIELD BLANK	CDE-BFDFB-05 06/05/00 FIELD BLANK	CDE-BFDFB-06 06/06/00 FIELD BLANK
CONSTITUENTS						
Aroclor-1016	U	U	U	U	U	U
Aroclor-1221	U	U	U	U	U	U
Aroclor-1232	U	U	U	U	U	U
Aroclor-1242	U	U	U	U	U	U
Aroclor-1248	U	U	U	U	U	U
Aroclor-1254	U	U	U	U	U	U
Aroclor-1260	U	U	U	U	U	U

301698

Notes:
All results are in mg/L.

TABLE G-40
PCBs DETECTED IN BUILDING FLOOR DUST FIELD BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	BFDFB-07 06/07/00 FIELD BLANK	CDE-BFDFB-08 06/08/00 FIELD BLANK	CDE-BFDFB-09 06/09/00 FIELD BLANK	CDE-BFDFB-10 06/12/00 FIELD BLANK	CDE-BFDFB-11 06/13/00 FIELD BLANK
CONSTITUENTS					
Aroclor-1016	U	U	U	U	U
Aroclor-1221	U	U	U	U	U
Aroclor-1232	U	U	U	U	U
Aroclor-1242	U	U	U	U	U
Aroclor-1248	U	U	U	U	U
Aroclor-1254	U	U	U	U	U
Aroclor-1260	U	U	U	U	U

301699

Notes:
All results are in mg/L.

TABLE G-41
INORGANICS DETECTED IN BUILDING FLOOR DUST FIELD BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-BFDFB-01 05/30/00 FIELD BLANK	CDE-BFDFB-02 05/31/00 FIELD BLANK	CDE-BFDFB-03 06/01/00 FIELD BLANK	CDE-BFDFB-04 06/02/00 FIELD BLANK	CDE-BFDFB-05 06/05/00 FIELD BLANK	CDE-BFDFB-06 06/06/00 FIELD BLANK
CONSTITUENTS						
Aluminum	0.057	0.056	0.012	U	U	0.13
Antimony	U	U	U	U	U	U
Arsenic	0.0032	U	U	U	U	0.0027
Barium	U	U	0.00014	0.00018	U	0.00025
Beryllium	U	U	U	U	U	0.00025
Cadmium	U	U	0.00026	U	U	0.00062
Calcium	U	U	U	U	U	0.082
Chromium (total)	U	U	U	U	U	U
Cobalt	U	U	0.00046	0.00074	0.00056	U
Copper	U	U	U	U	U	U
Iron	U	U	U	U	U	U
Lead	U	0.001	U	U	U	U
Magnesium	U	U	U	U	U	0.045
Manganese	U	U	U	U	U	0.00044
Mercury	U	U	U	U	U	<0.00010
Nickel	0.0022	0.0031	U	U	U	0.00062
Potassium	U	U	U	U	U	U
Selenium	U	U	0.0032	0.0021	0.0029	U
Silver	U	U	0.0002	0.00065	0.00036	0.00046
Sodium	U	U	U	U	U	U
Thallium	0.0013	0.0024	U	U	U	U
Vanadium	0.0018	0.004	0.00046	U	U	0.00097
Zinc	U	U	U	U	U	U

301700

Notes:
All results are in mg/L.

TABLE G-41
INORGANICS DETECTED IN BUILDING FLOOR DUST FIELD BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	BFDFB-07 06/07/00 FIELD BLANK	CDE-BFDFB-08 06/08/00 FIELD BLANK	CDE-BFDFB-09 06/09/00 FIELD BLANK	CDE-BFDFB-10 06/12/00 FIELD BLANK	CDE-BFDFB-11 06/13/00 FIELD BLANK
CONSTITUENTS					
Aluminum	U	U	0.16	0.057	0.12
Antimony	0.0023	U	U	U	U
Arsenic	U	U	U	U	U
Barium	0.00062	0.00037	0.00065	U	U
Beryllium	0.0003	0.00029	U	U	U
Cadmium	0.00052	U	U	U	U
Calcium	0.091	0.085	0.028	U	U
Chromium (total)	0.00074	0.00074	U	U	0.00046
Cobalt	U	0.0003	U	U	U
Copper	U	U	U	U	U
Iron	U	U	U	U	U
Lead	U	U	0.0014	U	U
Magnesium	0.057	0.049	U	U	0.003
Manganese	0.00036	0.00051	U	U	U
Mercury	U	U	U	0.00015	U
Nickel	U	U	U	U	U
Potassium	U	U	U	U	U
Selenium	U	0.0018	U	U	U
Silver	0.00041	0.00034	0.00032	U	U
Sodium	U	U	U	U	U
Thallium	U	U	U	U	U
Vanadium	0.00083	0.0012	U	U	0.0021
Zinc	U	U	0.019	U	U

301701

Notes:
All results are in mg/L.

TABLE G-42
ORGANICS DETECTED IN TEST PIT SOIL BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-TPFB-01 06/08/00 FIELD BLANK	CDE-TPFB-02 06/12/00 FIELD BLANK	CDE-TPFB-03 06/14/00 FIELD BLANK
CONSTITUENTS			
2-Chloronaphthalene	U	U	U
2-Chlorophenol	U	U	U
2-Methylnaphthalene	U	U	U
2-Methylphenol	U	U	U
2-Nitroaniline	U	U	U
2-Nitrophenol	U	U	U
2,4-Dichlorophenol	U	U	U
2,4-Dimethylphenol	U	U	U
2,4-Dinitrophenol	U	U	U
2,4-Dinitrotoluene	U	U	U
2,4,5-Trichlorophenol	U	U	U
2,4,6-Trichlorophenol	U	U	U
2,6-Dinitrotoluene	U	U	U
3-Nitroaniline	U	U	U
3,3'-Dichlorobenzidine	U	U	U
4-Bromophenyl-phenylether	U	U	U
4-Chloro-3-methylphenol	U	U	U
4-Chloroaniline	U	U	U
4-Chlorophenyl-phenylether	U	U	U
4-Methylphenol	U	U	U
4-Nitroaniline	U	U	U
4-Nitrophenol	U	U	U
4,4'-DDD	U	U	U
4,4'-DDE	U	U	U
4,4'-DDT	U	U	U
4,6-Dinitro-2-methylphenol	U	U	U
Acenaphthene	U	U	U

301702

Notes:
All results are in mg/L.

TABLE G-42
ORGANICS DETECTED IN TEST PIT SOIL BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-TPFB-01 06/08/00 FIELD BLANK	CDE-TPFB-02 06/12/00 FIELD BLANK	CDE-TPFB-03 06/14/00 FIELD BLANK
CONSTITUENTS			
Acenaphthylene	U	U	U
Acetophenone	U	U	U
Aldrin	0.000033	0.00005	U
alpha-BHC	0.00005	0.00005	U
alpha-Chlordane	0.00005	0.00005	U
Anthracene	U	U	U
Aroclor-1016	0.001	0.001	U
Aroclor-1221	0.002	0.002	U
Aroclor-1232	0.001	0.001	U
Aroclor-1248	0.0013	0.0015	U
Aroclor-1254	0.00071	0.00073	U
Aroclor-1260	0.001	0.001	U
Aroclor 1242	0.001	0.001	U
Atrazine	U	U	U
Benzaldehyde	U	U	U
Benzo(a)anthracene	U	U	U
Benzo(a)pyrene	U	U	U
Benzo(b)fluoranthene	U	U	U
Benzo(g,h,i)perylene	U	U	U
Benzo(k)fluoranthene	U	U	U
beta-BHC	U	U	U
Biphenyl, 1,1-	U	U	U
Bis(2-chloro-1-methylethyl) ether	U	U	U
Bis(2-chloroethoxy)methane	U	U	U
bis(2-Chloroethyl) ether	U	U	U
Bis(2-ethylhexyl)phthalate	0.001	0.001	U
Butylbenzylphthalate	U	U	U

301703

Notes:
All results are in mg/L.

TABLE G-42
ORGANICS DETECTED IN TEST PIT SOIL BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-TPFB-01 06/08/00 FIELD BLANK	CDE-TPFB-02 06/12/00 FIELD BLANK	CDE-TPFB-03 06/14/00 FIELD BLANK
CONSTITUENTS			
Caprolactam	U	U	U
Carbazole	U	U	U
CHLORDANEB	U	U	U
Chrysene	U	U	U
delta-BHC	0.00005	0.00005	U
Di-n-butylphthalate	U	U	U
Di-n-octylphthalate	U	U	U
Dibenzofuran	U	U	U
Dibenzo(a,h)anthracene	U	U	U
Dieldrin	0.0001	0.0001	U
Diethylphthalate	U	0.0003	U
Dimethylphthalate	U	U	U
Endosulfan I	0.00005	0.00005	U
Endosulfan II	0.0001	0.0001	U
Endosulfan sulfate	0.0001	0.0001	U
Endrin	0.0001	0.0001	U
Endrin aldehyde	0.0001	0.0001	0.0000033
Endrin ketone	0.0001	0.0001	0.0000095
Fluoranthene	U	U	U
Fluorene	U	U	U
gamma-BHC (Lindane)	0.00005	0.00005	U
Heptachlor	0.00005	0.00005	U
Heptachlor epoxide	0.00005	0.00005	U
Hexachlorobenzene	U	U	U
Hexachlorobutadiene	U	U	U
Hexachlorocyclopentadiene	U	U	U
Hexachloroethane	U	U	U

Notes:
All results are in mg/L.

TABLE G-42
ORGANICS DETECTED IN TEST PIT SOIL BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-TPFB-01 06/08/00 FIELD BLANK	CDE-TPFB-02 06/12/00 FIELD BLANK	CDE-TPFB-03 06/14/00 FIELD BLANK
CONSTITUENTS			
Indeno(1,2,3-cd)pyrene	U	U	U
Isophorone	U	U	U
Methoxychlor	U	U	0.000062
N-Nitroso-di-n-propylamine	U	U	U
N-Nitrosodiphenylamine	U	U	U
Naphthalene	U	0.0003	U
Nitrobenzene	U	U	U
Pentachlorophenol	U	U	U
Phenanthrene	U	U	U
Phenol	U	U	U
Pyrene	U	U	U
Toxaphene	0.005	0.005	U
Total SVOC TICs	0.002	0.008	0.013

301705

Notes:
All results are in mg/L.

TABLE G-43
INORGANICS DETECTED IN TEST PIT SOIL BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-TPFB-01 06/08/00 FIELD BLANK	CDE-TPFB-02 06/12/00 FIELD BLANK	CDE-TPFB-03 06/14/00 FIELD BLANK
CONSTITUENTS			
Aluminum	0.1	0.027	U
Antimony	U	U	U
Arsenic	0.0023	U	U
Barium	0.0028	0.0004	0.0007
Beryllium	U	U	U
Cadmium	U	U	U
Calcium	0.14	0.13	0.085
Chromium	0.0016	U	U
Cobalt	U	U	U
Copper	0.0034	0.002	0.0013
Cyanide	U	U	U
Iron	0.19	0.11	U
Lead	0.0023	U	U
Magnesium	0.079	0.013	0.016
Manganese	0.0023	0.0011	0.0002
Mercury	U	U	U
Nickel	U	U	U
Potassium	0.12	0.055	0.046
Selenium	U	U	U
Silver	0.0008	U	U
Sodium	U	U	U
Thallium	U	U	U
Vanadium	U	U	U
Zinc	0.0047	0.0033	0.002

301706

Notes:
All results are in mg/L.

TABLE G-44
ORGANICS DETECTED IN SURFACE SOIL BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FIELD SAMPLE ID BLANK ID SAMPLE	CDE-SSFB-01 09/15/00 FIELD BLANK	CDE-SSFB-02 09/19/00 FIELD BLANK
CONSTITUENTS		
2-Chloronaphthalene	U	U
2-Chlorophenol	U	U
2-Methylnaphthalene	U	U
2-Methylphenol	U	U
2-Nitroaniline	U	U
2-Nitrophenol	U	U
2,4-Dichlorophenol	U	U
2,4-Dimethylphenol	U	U
2,4-Dinitrophenol	U	U
2,4-Dinitrotoluene	U	U
2,4,5-Trichlorophenol	U	U
2,4,6-Trichlorophenol	U	U
2,6-Dinitrotoluene	U	U
3-Nitroaniline	U	U
3,3'-Dichlorobenzidine	U	U
4-Bromophenyl-phenylether	U	U
4-Chloro-3-methylphenol	U	U
4-Chloroaniline	U	U
4-Chlorophenyl-phenylether	U	U
4-Methylphenol	U	U
4-Nitroaniline	U	U
4-Nitrophenol	U	U
4,4'-DDD	U	U
4,4'-DDE	U	U
4,4'-DDT	U	U
4,6-Dinitro-2-methylphenol	U	U
Acenaphthene	U	U

301707

Notes:
All results are in mg/L.

TABLE G-44
ORGANICS DETECTED IN SURFACE SOIL BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FIELD SAMPLE ID BLANK ID SAMPLE	CDE-SSFB-01 09/15/00 FIELD BLANK	CDE-SSFB-02 09/19/00 FIELD BLANK
CONSTITUENTS		
Acenaphthylene	U	U
Acetophenone	U	U
Aldrin	U	U
alpha-BHC	U	U
alpha-Chlordane	U	U
Anthracene	U	U
Aroclor-1016	U	U
Aroclor-1221	U	U
Aroclor-1232	U	U
Aroclor-1248	U	U
Aroclor-1254	U	0.00018
Aroclor-1260	U	U
Aroclor 1242	U	U
Atrazine	U	U
Benzaldehyde	U	U
Benzo(a)anthracene	U	U
Benzo(a)pyrene	U	U
Benzo(b)fluoranthene	U	U
Benzo(g,h,i)perylene	U	U
Benzo(k)fluoranthene	U	U
beta-BHC	U	U
Biphenyl, 1,1-	U	U
Bis(2-chloro-1-methylethyl) ether	U	U
Bis(2-chloroethoxy)methane	U	U
bis(2-Chloroethyl) ether	U	U
Bis(2-ethylhexyl)phthalate	U	0.0009
Butylbenzylphthalate	U	U

301708

Notes:
All results are in mg/L.

TABLE G-44
ORGANICS DETECTED IN SURFACE SOIL BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FIELD SAMPLE ID BLANK ID SAMPLE	CDE-SSFB-01 09/15/00 FIELD BLANK	CDE-SSFB-02 09/19/00 FIELD BLANK
CONSTITUENTS		
Caprolactam	U	U
Carbazole	U	U
CHLORDANEB	U	U
Chrysene	U	U
delta-BHC	U	U
Di-n-butylphthalate	U	0.0005
Di-n-octylphthalate	U	U
Dibenzofuran	U	U
Dibenzo(a,h)anthracene	U	U
Dieldrin	U	U
Diethylphthalate	U	U
Dimethylphthalate	U	U
Endosulfan I	U	U
Endosulfan II	U	U
Endosulfan sulfate	U	U
Endrin	U	U
Endrin aldehyde	U	U
Endrin ketone	U	U
Fluoranthene	U	U
Fluorene	U	U
gamma-BHC (Lindane)	U	U
Heptachlor	U	0.000043
Heptachlor epoxide	U	U
Hexachlorobenzene	U	U
Hexachlorobutadiene	U	U
Hexachlorocyclopentadiene	U	U
Hexachloroethane	U	U

301709

Notes:
All results are in mg/L.

TABLE G-44
ORGANICS DETECTED IN SURFACE SOIL BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FIELD SAMPLE ID BLANK ID SAMPLE	CDE-SSFB-01 09/15/00 FIELD BLANK	CDE-SSFB-02 09/19/00 FIELD BLANK
CONSTITUENTS		
Indeno(1,2,3-cd)pyrene	U	U
Isophorone	U	U
Methoxychlor	U	U
N-Nitroso-di-n-propylamine	U	U
N-Nitrosodiphenylamine	U	U
Naphthalene	U	U
Nitrobenzene	U	U
Pentachlorophenol	U	U
Phenanthrene	U	U
Phenol	U	U
Pyrene	U	U
Toxaphene	U	U
Total SVOC TICs	U	0.029

301710

Notes:
All results are in mg/L.

TABLE G-45
INORGANICS DETECTED IN SURFACE SOIL BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-SSFB-02 09/19/00 RINSATE	CDE-SSFB-01 09/15/00 RINSATE
CONSTITUENTS		
Aluminum	0.012	0.027
Antimony	U	U
Arsenic	U	U
Barium	U	U
Beryllium	U	0.0008
Cadmium	U	U
Calcium	0.027	0.037
Chromium	U	U
Cobalt	U	U
Copper	U	0.00064
Cyanide	U	U
Iron	U	U
Lead	U	U
Magnesium	U	U
Manganese	U	0.0002
Mercury	0.00019	U
Nickel	U	0.0015
Potassium	U	U
Selenium	U	U
Silver	U	U
Sodium	0.033	0.078
Thallium	U	U
Vanadium	U	U
Zinc	0.0051	0.0069

301711

Notes:
All results are in mg/L.

TABLE G-46
PCB CONGENERS DETECTED IN SOIL FIELD BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-MWFB-09 08/15/00 FIELD BLANK	CDE-SSFB-02 09/19/00 FIELD BLANK
CONSTITUENTS		
BZ 1	U	U
BZ 101/90	U	U
BZ 105	0.0072	0.0064
BZ 107	U	0.0036
BZ 110/77	U	0.0063
BZ 114	U	U
BZ 118	U	0.0066
BZ 119	U	U
BZ 128	U	0.0059
BZ 132/168	U	U
BZ 135/144	U	U
BZ 136	U	U
BZ 137	U	U
BZ 138/163	U	U
BZ 141	U	U
BZ 146	U	0.0076
BZ 149/123	U	U
BZ 151	U	U
BZ 153/184	U	U
BZ 156/171	U	U
BZ 157	U	U
BZ 158	U	U
BZ 16/32	U	U
BZ 167	U	U
BZ 169	U	U
BZ 17	U	U
BZ 170	U	U

301712

Notes:
All results are in ug/L.

TABLE G-46
PCB CONGENERS DETECTED IN SOIL FIELD BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-MWFB-09 08/15/00 FIELD BLANK	CDE-SSFB-02 09/19/00 FIELD BLANK
CONSTITUENTS		
BZ 172	U	U
BZ 174	U	U
BZ 176	U	U
BZ 177	U	U
BZ 178/126	U	U
BZ 18	U	0.0029
BZ 180	U	0.0031
BZ 183	U	U
BZ 185	U	U
BZ 187/182	U	U
BZ 189	U	U
BZ 19	U	U
BZ 190	U	U
BZ 194	U	0.0042
BZ 195	U	U
BZ 197	U	U
BZ 199	U	U
BZ 201	U	U
BZ 202	U	U
BZ 203/196	U	U
BZ 206	U	0.0041
BZ 208	U	U
BZ 209	U	0.0036
BZ 22	U	U
BZ 24	U	U
BZ 25	U	U
BZ 26	U	U

Notes:
All results are in ug/L.

301713

TABLE G-46
PCB CONGENERS DETECTED IN SOIL FIELD BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-MWFB-09 08/15/00 FIELD BLANK	CDE-SSFB-02 09/19/00 FIELD BLANK
CONSTITUENTS		
BZ 27	U	U
BZ 28	U	U
BZ 29	U	U
BZ 31	U	U
BZ 33	U	U
BZ 37/42	U	U
BZ 4	U	U
BZ 40	U	U
BZ 44	U	0.003
BZ 45	U	U
BZ 46	U	U
BZ 47	U	U
BZ 48	U	U
BZ 49	U	U
BZ 5	U	U
BZ 52	U	0.004
BZ 53	U	U
BZ 56	U	U
BZ 59	U	U
BZ 6	U	U
BZ 60/92	U	U
BZ 63	U	U
BZ 64/41	U	U
BZ 66/95	U	U
BZ 7	U	U
BZ 70	U	U
BZ 71	U	U

301714

Notes:
All results are in ug/L.

TABLE G-46
PCB CONGENERS DETECTED IN SOIL FIELD BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-MWFB-09 08/15/00 FIELD BLANK	CDE-SSFB-02 09/19/00 FIELD BLANK
CONSTITUENTS		
BZ 74	U	U
BZ 76	U	U
BZ 8	U	U
BZ 82	U	U
BZ 84	U	U
BZ 85	U	U
BZ 87/81	U	U
BZ 91	U	U
BZ 97	U	U
BZ 99	U	U
PCB Congeners	0.0072	0.0613

301715

Notes:
All results are in ug/L.

TABLE G-47
DIOXINS DETECTED IN SOIL FIELD BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-SSFB-02 09/19/00 FIELD BLANK
COMPOUNDS	
1,2,3,4,6,7,8-HpCDD	U
1,2,3,4,6,7,8-HpCDF	U
1,2,3,4,6,7,8,9-OCDD	U
1,2,3,4,6,7,8,9-OCDF	U
1,2,3,4,7,8-HxCDD	U
1,2,3,4,7,8-HxCDF	U
1,2,3,4,7,8,9-HpCDF	U
1,2,3,6,7,8-HxCDD	U
1,2,3,6,7,8-HxCDF	U
1,2,3,7,8-PeCDD	U
1,2,3,7,8-PeCDF	U
1,2,3,7,8,9-HxCDD	U
1,2,3,7,8,9-HxCDF	U
2,3,4,6,7,8-HxCDF	U
2,3,4,7,8-PeCDF	U
2,3,7,8-TCDD	U
2,3,7,8-TCDF	U
Total HpCDD	U
Total HpCDF	U
Total HxCDD	27.3
Total HxCDF	10.4
Total PeCDD	U
Total PeCDF	U
Total TCDD	U
Total TCDF	U

301716

Notes:
All results are in pg/L.

TABLE G-48
ORGANICS DETECTED IN SUBSURFACE SOIL BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-MWFB-01 07/18/00 FIELD BLANK	CDE-MWFB-02 07/20/00 FIELD BLANK	CDE-MWFB-02 08/08/00 FIELD BLANK	CDE-MWFB-03 08/01/00 FIELD BLANK	CDE-MWFB-04 08/02/00 FIELD BLANK
CONSTITUENT					
2-Chloronaphthalene	U	U	U	U	U
2-Chlorophenol	U	U	U	U	U
2-Methylnaphthalene	U	U	U	U	U
2-Methylphenol	U	U	U	U	U
2-Nitroaniline	U	U	U	U	U
2-Nitrophenol	U	U	U	U	U
2,4-Dichlorophenol	U	U	U	U	U
2,4-Dimethylphenol	U	U	U	U	U
2,4-Dinitrophenol	U	U	U	U	U
2,4-Dinitrotoluene	U	U	U	U	U
2,4,5-Trichlorophenol	U	U	U	U	U
2,4,6-Trichlorophenol	U	U	U	U	U
2,6-Dinitrotoluene	U	U	U	U	U
3-Nitroaniline	U	U	U	U	U
3,3'-Dichlorobenzidine	U	U	U	U	U
4-Bromophenyl-phenylether	U	U	U	U	U
4-Chloro-3-methylphenol	U	U	U	U	U
4-Chloroaniline	U	U	U	U	U
4-Chlorophenyl-phenylether	U	U	U	U	U
4-Methylphenol	U	U	U	U	U
4-Nitroaniline	U	U	U	U	U
4-Nitrophenol	U	U	U	U	U
4,4'-DDD	0.000021	U	U	U	U
4,4'-DDE	0.0000049	U	U	U	U
4,4'-DDT	U	U	U	U	U
4,6-Dinitro-2-methylphenol	U	U	U	U	U
Acenaphthene	U	U	U	U	U

301717

Notes:
All results are in mg/L.

TABLE G-48
ORGANICS DETECTED IN SUBSURFACE SOIL BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-MWFB-01 07/18/00 FIELD BLANK	CDE-MWFB-02 07/20/00 FIELD BLANK	CDE-MWFB-02 08/08/00 FIELD BLANK	CDE-MWFB-03 08/01/00 FIELD BLANK	CDE-MWFB-04 08/02/00 FIELD BLANK
CONSTITUENT					
Acenaphthylene	U	U	U	U	U
Acetophenone	U	U	U	U	U
Aldrin	U	U	U	U	U
alpha-BHC	U	U	U	U	U
alpha-Chlordane	U	U	U	U	U
Anthracene	U	U	U	U	U
Aroclor-1016	U	U	U	U	U
Aroclor-1221	U	U	U	U	U
Aroclor-1232	U	U	U	U	U
Aroclor-1248	U	U	U	U	U
Aroclor-1254	U	U	U	U	U
Aroclor-1260	U	U	U	U	U
Aroclor 1242	U	U	U	U	U
Atrazine	U	U	U	U	U
Benzaldehyde	U	U	U	U	U
Benzo(a)anthracene	U	U	U	U	U
Benzo(a)pyrene	U	U	U	U	U
Benzo(b)fluoranthene	U	U	U	U	U
Benzo(g,h,i)perylene	U	U	U	U	U
Benzo(k)fluoranthene	U	U	U	U	U
beta-BHC	U	U	U	U	U
Biphenyl, 1,1-	U	U	U	U	U
Bis(2-chloro-1-methylethyl) ether	U	U	U	U	U
Bis(2-chloroethoxy)methane	U	U	U	U	U
bis(2-Chloroethyl) ether	U	U	U	U	U
Bis(2-ethylhexyl)phthalate	0.013	U	0.005	U	0.01
Butylbenzylphthalate	U	U	U	U	U

301718

Notes:
All results are in mg/L.

TABLE G-48
ORGANICS DETECTED IN SUBSURFACE SOIL BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-MWFB-01 07/18/00 FIELD BLANK	CDE-MWFB-02 07/20/00 FIELD BLANK	CDE-MWFB-02 08/08/00 FIELD BLANK	CDE-MWFB-03 08/01/00 FIELD BLANK	CDE-MWFB-04 08/02/00 FIELD BLANK
CONSTITUENT					
Caprolactam	U	U	U	U	U
Carbazole	U	U	U	U	U
CHLORDANEB	U	U	U	U	U
Chrysene	U	U	U	U	U
delta-BHC	U	U	U	U	U
Di-n-butylphthalate	U	U	U	U	U
Di-n-octylphthalate	U	U	U	U	U
Dibenzofuran	U	U	U	U	U
Dibenzo(a,h)anthracene	U	U	U	U	U
Dieldrin	U	U	U	U	U
Diethylphthalate	U	U	U	U	U
Dimethylphthalate	U	U	U	U	U
Endosulfan I	U	U	U	U	U
Endosulfan II	U	U	U	U	U
Endosulfan sulfate	U	U	U	U	U
Endrin	U	U	U	U	U
Endrin aldehyde	U	U	U	U	U
Endrin ketone	U	U	U	U	U
Fluoranthene	U	U	U	U	U
Fluorene	U	U	U	U	U
gamma-BHC (Lindane)	U	U	U	U	U
Heptachlor	U	U	U	U	U
Heptachlor epoxide	U	U	U	U	U
Hexachlorobenzene	U	U	U	U	U
Hexachlorobutadiene	U	U	U	U	U
Hexachlorocyclopentadiene	U	U	U	U	U
Hexachloroethane	U	U	U	U	U

301719

Notes:
All results are in mg/L.

TABLE G-48
ORGANICS DETECTED IN SUBSURFACE SOIL BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-MWFB-01 07/18/00 FIELD BLANK	CDE-MWFB-02 07/20/00 FIELD BLANK	CDE-MWFB-02 08/08/00 FIELD BLANK	CDE-MWFB-03 08/01/00 FIELD BLANK	CDE-MWFB-04 08/02/00 FIELD BLANK
CONSTITUENT					
Indeno(1,2,3-cd)pyrene	U	U	U	U	U
Isophorone	U	U	U	U	U
Methoxychlor	U	U	U	U	U
N-Nitroso-di-n-propylamine	U	U	U	U	U
N-Nitrosodiphenylamine	U	U	U	U	U
Naphthalene	U	U	U	U	U
Nitrobenzene	U	U	U	U	U
Pentachlorophenol	U	U	U	U	U
Phenanthrene	U	U	U	U	U
Phenol	U	U	U	U	U
Pyrene	U	U	U	U	U
Toxaphene	U	U	U	U	U
Total SVOC TICs	U	U	U	U	U

301720

Notes:
All results are in mg/L.

TABLE G-48
ORGANICS DETECTED IN SUBSURFACE SOIL BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-MWFB-05 08/03/00 FIELD BLANK	CDE-MWFB-06 08/07/00 FIELD BLANK	CDE-MWFB-08 08/14/00 FIELD BLANK	CDE-MWFB-09 08/15/00 FIELD BLANK	CDE-MWFB-10 08/18/00 FIELD BLANK
CONSTITUENT					
2-Chloronaphthalene	U	U	U	U	U
2-Chlorophenol	U	U	U	U	U
2-Methylnaphthalene	U	U	U	U	U
2-Methylphenol	U	U	U	U	U
2-Nitroaniline	U	U	U	U	U
2-Nitrophenol	U	U	U	U	U
2,4-Dichlorophenol	U	U	U	U	U
2,4-Dimethylphenol	U	U	U	U	U
2,4-Dinitrophenol	U	U	U	U	U
2,4-Dinitrotoluene	U	U	U	U	U
2,4,5-Trichlorophenol	U	U	U	U	U
2,4,6-Trichlorophenol	U	U	U	U	U
2,6-Dinitrotoluene	U	U	U	U	U
3-Nitroaniline	U	U	U	U	U
3,3'-Dichlorobenzidine	U	U	U	U	U
4-Bromophenyl-phenylether	U	U	U	U	U
4-Chloro-3-methylphenol	U	U	U	U	U
4-Chloroaniline	U	U	U	U	U
4-Chlorophenyl-phenylether	U	U	U	U	U
4-Methylphenol	U	U	U	U	U
4-Nitroaniline	U	U	U	U	U
4-Nitrophenol	U	U	U	U	U
4,4'-DDD	U	U	U	U	U
4,4'-DDE	U	U	U	U	U
4,4'-DDT	U	U	U	U	U
4,6-Dinitro-2-methylphenol	U	U	U	U	U
Acenaphthene	U	U	U	U	U

301721

Notes:
All results are in mg/L.

TABLE G-48
ORGANICS DETECTED IN SUBSURFACE SOIL BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-MWFB-05 08/03/00 FIELD BLANK	CDE-MWFB-06 08/07/00 FIELD BLANK	CDE-MWFB-08 08/14/00 FIELD BLANK	CDE-MWFB-09 08/15/00 FIELD BLANK	CDE-MWFB-10 08/18/00 FIELD BLANK
CONSTITUENT					
Acenaphthylene	U	U	U	U	U
Acetophenone	U	U	U	U	U
Aldrin	U	U	U	U	U
alpha-BHC	U	U	U	U	U
alpha-Chlordane	U	U	U	U	U
Anthracene	U	U	U	U	U
Aroclor-1016	U	U	U	U	U
Aroclor-1221	U	U	U	U	U
Aroclor-1232	U	U	U	U	U
Aroclor-1248	U	U	U	U	U
Aroclor-1254	U	U	U	U	U
Aroclor-1260	U	U	U	U	U
Aroclor 1242	U	U	U	U	U
Atrazine	U	U	U	U	U
Benzaldehyde	U	U	U	U	U
Benzo(a)anthracene	U	U	U	U	U
Benzo(a)pyrene	U	U	U	U	U
Benzo(b)fluoranthene	U	U	U	U	U
Benzo(g,h,i)perylene	U	U	U	U	U
Benzo(k)fluoranthene	U	U	U	U	U
beta-BHC	U	U	U	U	U
Biphenyl, 1,1-	U	U	U	U	U
Bis(2-chloro-1-methylethyl) ether	U	U	U	U	U
Bis(2-chloroethoxy)methane	U	U	U	U	U
bis(2-Chloroethyl) ether	U	U	U	U	U
Bis(2-ethylhexyl)phthalate	U	U	0.003	0.002	0.003
Butylbenzylphthalate	U	U	U	U	U

301722

Notes:
All results are in mg/L.

TABLE G-48
ORGANICS DETECTED IN SUBSURFACE SOIL BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-MWFB-05 08/03/00 FIELD BLANK	CDE-MWFB-06 08/07/00 FIELD BLANK	CDE-MWFB-08 08/14/00 FIELD BLANK	CDE-MWFB-09 08/15/00 FIELD BLANK	CDE-MWFB-10 08/18/00 FIELD BLANK
CONSTITUENT					
Caprolactam	U	U	U	U	U
Carbazole	U	U	U	U	U
CHLORDANEB	U	U	U	U	U
Chrysene	U	U	U	U	U
delta-BHC	U	U	U	U	U
Di-n-butylphthalate	U	U	U	0.001	U
Di-n-octylphthalate	U	U	U	U	U
Dibenzofuran	U	U	U	U	U
Dibenzo(a,h)anthracene	U	U	U	U	U
Dieldrin	U	U	U	U	U
Diethylphthalate	U	U	U	U	U
Dimethylphthalate	U	U	U	U	U
Endosulfan I	U	U	U	U	U
Endosulfan II	U	U	U	U	U
Endosulfan sulfate	U	U	U	U	U
Endrin	U	U	U	U	U
Endrin aldehyde	U	U	U	U	U
Endrin ketone	U	U	U	U	U
Fluoranthene	U	U	U	U	U
Fluorene	U	U	U	U	U
gamma-BHC (Lindane)	U	U	U	U	U
Heptachlor	U	U	U	U	U
Heptachlor epoxide	U	U	U	U	U
Hexachlorobenzene	U	U	U	U	U
Hexachlorobutadiene	U	U	U	U	U
Hexachlorocyclopentadiene	U	U	U	U	U
Hexachloroethane	U	U	U	U	U

301723

Notes:
All results are in mg/L.

TABLE G-48
ORGANICS DETECTED IN SUBSURFACE SOIL BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-MWFB-05 08/03/00 FIELD BLANK	CDE-MWFB-06 08/07/00 FIELD BLANK	CDE-MWFB-08 08/14/00 FIELD BLANK	CDE-MWFB-09 08/15/00 FIELD BLANK	CDE-MWFB-10 08/18/00 FIELD BLANK
CONSTITUENT					
Indeno(1,2,3-cd)pyrene	U	U	U	U	U
Isophorone	U	U	U	U	U
Methoxychlor	U	U	U	U	U
N-Nitroso-di-n-propylamine	U	U	U	U	U
N-Nitrosodiphenylamine	U	U	U	U	U
Naphthalene	U	U	U	U	U
Nitrobenzene	U	U	U	U	U
Pentachlorophenol	U	U	U	U	U
Phenanthrene	U	U	U	U	U
Phenol	U	U	U	U	U
Pyrene	U	U	U	U	U
Toxaphene	U	U	U	U	U
Total SVOC TICs	U	0.007	0.011	0.002	U

301724

Notes:
All results are in mg/L.

TABLE G-48
ORGANICS DETECTED IN SUBSURFACE SOIL BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-MWFB-11 08/22/00 FIELD BLANK	CDE-MWFB-12 09/05/00 FIELD BLANK	CDE-MWFB-13 09/18/00 FIELD BLANK
CONSTITUENT			
2-Chloronaphthalene	U	U	U
2-Chlorophenol	U	U	U
2-Methylnaphthalene	U	U	U
2-Methylphenol	U	U	U
2-Nitroaniline	U	U	U
2-Nitrophenol	U	U	U
2,4-Dichlorophenol	U	U	U
2,4-Dimethylphenol	U	U	U
2,4-Dinitrophenol	U	U	U
2,4-Dinitrotoluene	U	U	U
2,4,5-Trichlorophenol	U	U	U
2,4,6-Trichlorophenol	U	U	U
2,6-Dinitrotoluene	U	U	U
3-Nitroaniline	U	U	U
3,3'-Dichlorobenzidine	U	U	U
4-Bromophenyl-phenylether	U	U	U
4-Chloro-3-methylphenol	U	U	U
4-Chloroaniline	U	U	U
4-Chlorophenyl-phenylether	U	U	U
4-Methylphenol	U	U	U
4-Nitroaniline	U	U	U
4-Nitrophenol	U	U	U
4,4'-DDD	U	U	U
4,4'-DDE	U	U	U
4,4'-DDT	U	U	0.000021
4,6-Dinitro-2-methylphenol	U	U	U
Acenaphthene	U	U	U

301725

Notes:
All results are in mg/L.

TABLE G-48
ORGANICS DETECTED IN SUBSURFACE SOIL BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-MWFB-11 08/22/00 FIELD BLANK	CDE-MWFB-12 09/05/00 FIELD BLANK	CDE-MWFB-13 09/18/00 FIELD BLANK
CONSTITUENT			
Acenaphthylene	U	U	U
Acetophenone	U	U	U
Aldrin	U	U	U
alpha-BHC	U	U	U
alpha-Chlordane	U	U	U
Anthracene	U	U	U
Aroclor-1016	U	U	U
Aroclor-1221	U	U	U
Aroclor-1232	0.002	U	U
Aroclor-1248	U	U	U
Aroclor-1254	U	U	0.00023
Aroclor-1260	U	U	U
Aroclor 1242	U	U	U
Atrazine	U	U	U
Benzaldehyde	U	U	0.0009
Benzo(a)anthracene	U	U	U
Benzo(a)pyrene	U	U	U
Benzo(b)fluoranthene	U	U	U
Benzo(g,h,i)perylene	U	U	U
Benzo(k)fluoranthene	U	U	U
beta-BHC	U	U	U
Biphenyl, 1,1-	U	U	U
Bis(2-chloro-1-methylethyl) ether	U	U	U
Bis(2-chloroethoxy)methane	U	U	U
bis(2-Chloroethyl) ether	U	U	U
Bis(2-ethylhexyl)phthalate	-0.009	U	-0.0009
Butylbenzylphthalate	U	U	U

301726

Notes:
All results are in mg/L.

TABLE G-48
ORGANICS DETECTED IN SUBSURFACE SOIL BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-MWFB-11 08/22/00 FIELD BLANK	CDE-MWFB-12 09/05/00 FIELD BLANK	CDE-MWFB-13 09/18/00 FIELD BLANK
CONSTITUENT			
Caprolactam	U	U	U
Carbazole	U	U	U
CHLORDANEB	U	U	U
Chrysene	U	U	U
delta-BHC	U	U	U
Di-n-butylphthalate	U	U	U
Di-n-octylphthalate	U	U	U
Dibenzofuran	U	U	U
Dibenzo(a,h)anthracene	U	U	U
Dieldrin	U	U	U
Diethylphthalate	U	U	U
Dimethylphthalate	U	U	U
Endosulfan I	U	U	U
Endosulfan II	U	U	U
Endosulfan sulfate	U	U	U
Endrin	U	U	U
Endrin aldehyde	U	U	U
Endrin ketone	U	U	U
Fluoranthene	U	U	U
Fluorene	U	U	U
gamma-BHC (Lindane)	U	U	U
Heptachlor	U	U	0.000038
Heptachlor epoxide	U	U	U
Hexachlorobenzene	U	U	U
Hexachlorobutadiene	U	U	U
Hexachlorocyclopentadiene	U	U	U
Hexachloroethane	U	U	U

301727

Notes:
All results are in mg/L.

TABLE G-48
ORGANICS DETECTED IN SUBSURFACE SOIL BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-MWFB-11 08/22/00 FIELD BLANK	CDE-MWFB-12 09/05/00 FIELD BLANK	CDE-MWFB-13 09/18/00 FIELD BLANK
CONSTITUENT			
Indeno(1,2,3-cd)pyrene	U	U	U
Isophorone	U	U	U
Methoxychlor	U	U	U
N-Nitroso-di-n-propylamine	U	U	U
N-Nitrosodiphenylamine	U	U	U
Naphthalene	U	U	U
Nitrobenzene	U	U	U
Pentachlorophenol	U	U	U
Phenanthrene	U	U	U
Phenol	U	U	U
Pyrene	U	U	U
Toxaphene	U	U	U
Total SVOC TICs	U	U	0.024

301728

Notes:
All results are in mg/L.

TABLE G-49
INORGANICS DETECTED IN SUBSURFACE SOIL BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-MWFB-01 07/18/00 FIELD BLANK	CDE-MWFB-02 07/20/00 FIELD BLANK	CDE-MWFB-02 08/08/00 FIELD BLANK	CDE-MWFB-03 08/01/00 FIELD BLANK	CDE-MWFB-04 08/02/00 FIELD BLANK
CONSTITUENT					
Aluminum	U	U	U	U	U
Antimony	U	U	U	0.0000024	U
Arsenic	U	U	U	U	U
Barium	0.000055	0.0000056	U	0.00000097	5.9E-007
Beryllium	U	U	U	U	U
Cadmium	U	U	U	U	U
Calcium	0.00088	0.0007	0.00041	0.000049	U
Chromium	U	U	U	0.0000085	0.0000077
Cobalt	U	U	U	U	U
Copper	U	U	U	0.0000031	0.0000028
Cyanide	U	U	U	U	0.0000025
Iron	0.00067	0.00063	0.00081	0.00011	0.1
Lead	0.007	0.0000072	0.000004	U	U
Magnesium	0.000066	U	U	0.000015	0.0000089
Manganese	0.000029	0.000007	0.000016	0.0000038	0.0000033
Mercury	U	U	U	U	U
Nickel	U	U	U	0.000024	0.000021
Potassium	0.00017	0.00015	0.00013	U	U
Selenium	U	U	U	U	U
Silver	U	U	U	U	U
Sodium	U	U	U	U	U
Thallium	U	U	U	U	U
Vanadium	U	U	U	U	U
Zinc	0.000028	0.000035	0.0000072	U	U

301729

Notes:
All results are in mg/L.

TABLE G-49
INORGANICS DETECTED IN SUBSURFACE SOIL BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-MWFB-05 08/03/00 FIELD BLANK	CDE-MWFB-06 08/07/00 FIELD BLANK	CDE-MWFB-08 08/14/00 FIELD BLANK	CDE-MWFB-09 08/15/00 FIELD BLANK	CDE-MWFB-10 08/18/00 FIELD BLANK
CONSTITUENT					
Aluminum	0.000047	U	U	U	U
Antimony	U	U	U	U	U
Arsenic	U	U	U	U	U
Barium	0.00000047	0.0000015	U	U	U
Beryllium	U	U	U	U	U
Cadmium	U	U	U	U	U
Calcium	0.00012	0.00027	0.00014	0.000034	U
Chromium	0.0000054	U	U	U	U
Cobalt	U	U	U	U	U
Copper	0.0000024	0.0000037	0.0000053	U	U
Cyanide	U	U	U	U	U
Iron	0.00058	1.4	U	U	U
Lead	U	0.0000084	U	U	0.0000021
Magnesium	0.000015	0.000047	0.00007	0.000018	U
Manganese	0.0000069	0.000014	U	U	0.00000041
Mercury	U	U	U	U	U
Nickel	0.000014	U	U	U	U
Potassium	0.000057	0.00017	U	U	U
Selenium	U	U	U	U	U
Silver	U	U	0.00000062	U	U
Sodium	0.00027	U	U	U	U
Thallium	U	0.0000038	0.0000042	0.0000044	U
Vanadium	U	U	0.000001	U	U
Zinc	U	0.00001	U	U	0.000012

301730

Notes:
All results are in mg/L.

TABLE G-49
INORGANICS DETECTED IN SUBSURFACE SOIL BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-MWFB-11 08/22/00 FIELD BLANK	CDE-MWFB-12 09/05/00 FIELD BLANK	CDE-MWFB-13 09/18/00 FIELD BLANK
CONSTITUENT			
Aluminum	0.000018	U	0.000017
Antimony	U	U	U
Arsenic	U	U	U
Barium	U	U	U
Beryllium	0.00000033	U	U
Cadmium	U	U	U
Calcium	U	0.000069	0.00013
Chromium	U	U	U
Cobalt	U	U	U
Copper	U	0.0000011	U
Cyanide	U	U	U
Iron	0.000042	0.000065	0.00016
Lead	U	0.0000015	U
Magnesium	U	0.000036	U
Manganese	U	0.0000015	0.0000023
Mercury	U	U	0.00000016
Nickel	U	U	U
Potassium	U	U	U
Selenium	U	U	U
Silver	0.0000019	U	U
Sodium	0.000039	0.00025	0.00015
Thallium	U	U	U
Vanadium	0.0000016	U	U
Zinc	U	0.000007	U

301731

Notes:
All results are in mg/L.

TABLE G-50
ORGANICS DETECTED IN BUILDING SOIL BORING FIELD BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-BSBFB-01 08/11/00 FIELD BLANK	CDE-BSBFB-02 08/14/00 FIELD BLANK	CDE-BSBFB-03 08/15/00 FIELD BLANK	CDE-BSBFB-04A 08/16/00 FIELD BLANK	CDE-BSBFB-05 08/17/00 FIELD BLANK
CONSTITUENTS					
2-Chloronaphthalene	U	U	U	U	U
2-Chlorophenol	U	U	U	U	U
2-Methylnaphthalene	U	U	U	U	U
2-Methylphenol	U	U	U	U	U
2-Nitroaniline	U	U	U	U	U
2-Nitrophenol	U	U	U	U	U
2,4-Dichlorophenol	U	U	U	U	U
2,4-Dimethylphenol	U	U	U	U	U
2,4-Dinitrophenol	U	U	U	U	U
2,4-Dinitrotoluene	U	U	U	U	U
2,4,5-Trichlorophenol	U	U	U	U	U
2,4,6-Trichlorophenol	U	U	U	U	U
2,6-Dinitrotoluene	U	U	U	U	U
3-Nitroaniline	U	U	U	U	U
3,3-Dichlorobenzidine	U	U	U	U	U
4-Bromophenyl-phenylether	U	U	U	U	U
4-Chloro-3-methylphenol	U	U	U	U	U
4-Chloroaniline	U	U	U	U	U
4-Chlorophenyl phenylether	U	U	U	U	U
4-Methylphenol	U	U	U	U	U
4-Nitroaniline	U	U	U	U	U
4-Nitrophenol	U	U	U	U	U
4,4-DDD	U	U	U	U	U
4,4-DDE	U	U	U	U	U
4,4DDT	U	U	U	U	U
4,6-Dinitro-2-methylphenol	U	U	U	U	U
Acenaphthene	U	U	U	U	U

301732

Notes:
All results are in mg/L.

TABLE G-50
ORGANICS DETECTED IN BUILDING SOIL BORING FIELD BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-BSBFB-01 08/11/00 FIELD BLANK	CDE-BSBFB-02 08/14/00 FIELD BLANK	CDE-BSBFB-03 08/15/00 FIELD BLANK	CDE-BSBFB-04A 08/16/00 FIELD BLANK	CDE-BSBFB-05 08/17/00 FIELD BLANK
CONSTITUENTS					
Acenaphthylene	U	U	U	U	U
Acetophenone	U	U	U	U	U
Aldrin	U	U	U	U	U
alpha-BHC	U	U	U	U	U
alpha-Chlordane	U	U	U	U	U
Anthracene	U	U	U	U	U
Aroclor-1016	U	U	U	U	U
Aroclor-1221	U	U	U	U	U
Aroclor-1232	U	U	U	U	U
Aroclor-1242	U	U	U	U	U
Aroclor-1248	U	U	U	U	U
Aroclor-1254	U	U	U	U	U
Aroclor-1260	U	U	U	U	U
Atrazine	U	U	U	U	U
Benzaldehyde	U	U	U	U	U
Benzo(a)anthracene	U	U	U	U	U
Benzo(a)pyrene	U	U	U	U	U
Benzo(b)fluoranthene	U	U	U	U	U
Benzo(g,h,i)perylene	U	U	U	U	U
Benzo(k)fluoranthene	U	U	U	U	U
beta-BHC	U	U	U	U	U
Biphenyl, 1,1-	U	U	U	U	U
Bis(2-chloro-1-methylethyl) ether	U	U	U	U	U
Bis(2-chloroethoxy)methane	U	U	U	U	U
bis(2-Chloroethyl) ether	U	U	U	U	U
Bis(2-ethylhexyl)phthalate	0.002	0.005	0.002	0.002	0.002
Butylbenzylphthalate	U	U	U	U	U

Notes:
All results are in mg/L.

301733

TABLE G-50
ORGANICS DETECTED IN BUILDING SOIL BORING FIELD BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-BSBFB-01 08/11/00 FIELD BLANK	CDE-BSBFB-02 08/14/00 FIELD BLANK	CDE-BSBFB-03 08/15/00 FIELD BLANK	CDE-BSBFB-04A 08/16/00 FIELD BLANK	CDE-BSBFB-05 08/17/00 FIELD BLANK
CONSTITUENTS					
Caprolactam	U	U	U	U	U
Carbazole	U	U	U	U	U
Chrysene	U	U	U	U	U
D-in-octylphthalate	U	U	U	U	U
delta-BHC	U	U	U	U	U
Dibenzofuran	U	U	U	U	U
Dibenzo(a,h)anthracene	U	U	U	U	U
Dieldrin	U	U	U	U	U
Diethylphthalate	U	U	U	U	U
Dimethylphthalate	U	U	U	U	U
Dinbutylphthalate	U	U	U	U	U
Endosulfan I	U	U	U	U	U
Endosulfan II	U	U	U	U	U
Endosulfan sulfate	U	U	U	U	U
Endrin	U	U	U	U	U
Endrin aldehyde	U	U	U	U	U
Endrin ketone	U	U	U	U	U
Fluoranthene	U	U	U	U	U
Fluorene	U	U	U	U	U
gamma-BHC (Lindane)	U	U	U	U	U
gamma-Chlordane	U	U	U	U	U
Heptachlor	U	U	U	U	U
Heptachlor epoxide	U	U	U	U	U
Hexachlorobenzene	U	U	U	U	U
Hexachlorobutadiene	U	U	U	U	U
Hexachlorocyclopentadiene	U	U	U	U	U
Hexachloroethane	U	U	U	U	U

301734

Notes:
All results are in mg/L.

TABLE G-50
ORGANICS DETECTED IN BUILDING SOIL BORING FIELD BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-BSBFB-01 08/11/00 FIELD BLANK	CDE-BSBFB-02 08/14/00 FIELD BLANK	CDE-BSBFB-03 08/15/00 FIELD BLANK	CDE-BSBFB-04A 08/16/00 FIELD BLANK	CDE-BSBFB-05 08/17/00 FIELD BLANK
CONSTITUENTS					
Indeno(1,2,3cd)pyrene	U	U	U	U	U
Isophorone	U	U	U	U	U
Methoxychlor	U	U	U	U	U
N-Nitrosodinpropylamine	U	U	U	U	U
N-Nitrosodiphenylamine	U	U	U	U	U
Naphthalene	U	U	U	U	U
Nitrobenzene	U	U	U	U	U
Pentachlorophenol	U	U	U	U	U
Phenanthrene	U	U	U	U	U
Phenol	U	U	U	U	U
Pyrene	U	U	U	U	U
Toxaphene	U	U	U	U	U
Total SVOC TICs	0	0.004	0	0	0.005

301735

Notes:
All results are in mg/L.

TABLE G-50
ORGANICS DETECTED IN BUILDING SOIL BORING FIELD BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-BSBFB-06 08/18/00 FIELD BLANK	CDE-BSBFB-07 08/21/00 FIELD BLANK	CDE-BSBFB-08 08/22/00 FIELD BLANK	CDE-BSBFB-09 08/23/00 FIELD BLANK	CDE-BSBFB-10 08/25/00 FIELD BLANK
CONSTITUENTS					
2-Chloronaphthalene	U	U	U	U	U
2-Chlorophenol	U	U	U	U	U
2-Methylnaphthalene	U	U	U	U	U
2-Methylphenol	U	U	U	U	U
2-Nitroaniline	U	U	U	U	U
2-Nitrophenol	U	U	U	U	U
2,4-Dichlorophenol	U	U	U	U	U
2,4-Dimethylphenol	U	U	U	U	U
2,4-Dinitrophenol	U	U	U	U	U
2,4-Dinitrotoluene	U	U	U	U	U
2,4,5-Trichlorophenol	U	U	U	U	U
2,4,6-Trichlorophenol	U	U	U	U	U
2,6-Dinitrotoluene	U	U	U	U	U
3-Nitroaniline	U	U	U	U	U
3,3-Dichlorobenzidine	U	U	U	U	U
4-Bromophenyl-phenylether	U	U	U	U	U
4-Chloro-3-methylphenol	U	U	U	U	U
4-Chloroaniline	U	U	U	U	U
4-Chlorophenyl phenylether	U	U	U	U	U
4-Methylphenol	U	U	U	U	U
4-Nitroaniline	U	U	U	U	U
4-Nitrophenol	U	U	U	U	U
4,4-DDD	U	U	U	U	U
4,4-DDE	U	U	U	U	U
4,4DDT	U	U	U	U	U
4,6-Dinitro-2-methylphenol	U	U	U	U	U
Acenaphthene	U	U	U	U	U

301736

Notes:
All results are in mg/L.

TABLE G-50
ORGANICS DETECTED IN BUILDING SOIL BORING FIELD BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-BSBFB-06 08/18/00 FIELD BLANK	CDE-BSBFB-07 08/21/00 FIELD BLANK	CDE-BSBFB-08 08/22/00 FIELD BLANK	CDE-BSBFB-09 08/23/00 FIELD BLANK	CDE-BSBFB-10 08/25/00 FIELD BLANK
CONSTITUENTS					
Acenaphthylene	U	U	U	U	U
Acetophenone	U	U	U	U	U
Aldrin	U	U	U	U	U
alpha-BHC	U	U	U	U	U
alpha-Chlordane	U	U	U	U	U
Anthracene	U	U	U	U	U
Aroclor-1016	U	U	U	U	U
Aroclor-1221	U	U	U	U	U
Aroclor-1232	U	U	U	U	U
Aroclor-1242	U	U	U	U	U
Aroclor-1248	U	U	U	U	U
Aroclor-1254	U	U	0.00047	U	U
Aroclor-1260	U	U	U	U	U
Atrazine	U	U	U	U	U
Benzaldehyde	U	U	U	U	U
Benzo(a)anthracene	U	U	U	U	U
Benzo(a)pyrene	U	U	U	U	U
Benzo(b)fluoranthene	U	U	U	U	U
Benzo(g,h,i)perylene	U	U	U	U	U
Benzo(k)fluoranthene	U	U	U	U	U
beta-BHC	U	U	U	U	U
Biphenyl, 1,1-	U	U	U	U	U
Bis(2-chloro-1-methylethyl) ether	U	U	U	U	U
Bis(2-chloroethoxy)methane	U	U	U	U	U
bis(2-Chloroethyl) ether	U	U	U	U	U
Bis(2-ethylhexyl)phthalate	0.003	0.01	0.006	0.002	U
Butylbenzylphthalate	U	U	U	U	U

Notes:
All results are in mg/L.

301737

TABLE G-50
ORGANICS DETECTED IN BUILDING SOIL BORING FIELD BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-BSBFB-06 08/18/00 FIELD BLANK	CDE-BSBFB-07 08/21/00 FIELD BLANK	CDE-BSBFB-08 08/22/00 FIELD BLANK	CDE-BSBFB-09 08/23/00 FIELD BLANK	CDE-BSBFB-10 08/25/00 FIELD BLANK
CONSTITUENTS					
Caprolactam	U	U	U	U	U
Carbazole	U	U	U	U	U
Chrysene	U	U	U	U	U
D-in-octylphthalate	U	U	U	U	U
delta-BHC	U	U	U	U	U
Dibenzofuran	U	U	U	U	U
Dibenzo(a,h)anthracene	U	U	U	U	U
Dieldrin	U	U	U	U	U
Diethylphthalate	U	U	U	U	U
Dimethylphthalate	U	U	U	U	U
Dinbutylphthalate	U	U	U	U	U
Endosulfan I	U	U	U	U	U
Endosulfan II	U	U	U	U	U
Endosulfan sulfate	U	U	U	U	U
Endrin	U	U	U	U	U
Endrin aldehyde	U	U	U	U	U
Endrin ketone	U	U	U	U	U
Fluoranthene	U	U	U	U	U
Fluorene	U	U	U	U	U
gamma-BHC (Lindane)	U	U	U	U	U
gamma-Chlordane	U	U	U	U	U
Heptachlor	U	U	U	U	U
Heptachlor epoxide	U	U	U	U	U
Hexachlorobenzene	U	U	U	U	U
Hexachlorobutadiene	U	U	U	U	U
Hexachlorocyclopentadiene	U	U	U	U	U
Hexachloroethane	U	U	U	U	U

301738

Notes:
All results are in mg/L.

TABLE G-50
ORGANICS DETECTED IN BUILDING SOIL BORING FIELD BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-BSBFB-06 08/18/00 FIELD BLANK	CDE-BSBFB-07 08/21/00 FIELD BLANK	CDE-BSBFB-08 08/22/00 FIELD BLANK	CDE-BSBFB-09 08/23/00 FIELD BLANK	CDE-BSBFB-10 08/25/00 FIELD BLANK
CONSTITUENTS					
Indeno(1,2,3cd)pyrene	U	U	U	U	U
Isophorone	U	U	U	U	U
Methoxychlor	U	U	U	U	U
N-Nitrosodinpropylamine	U	U	U	U	U
N-Nitrosodiphenylamine	U	U	U	U	U
Naphthalene	U	U	U	U	U
Nitrobenzene	U	U	U	U	U
Pentachlorophenol	U	U	U	U	U
Phenanthrene	U	U	U	U	U
Phenol	U	U	U	U	U
Pyrene	U	U	U	U	U
Toxaphene	U	U	U	U	U
Total SVOC TICs	0.009	0.006	0	0	0.002

301739

Notes:
All results are in mg/L.

TABLE G-50
ORGANICS DETECTED IN BUILDING SOIL BORING FIELD BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-BSBFB-11 08/28/00 FIELD BLANK	CDE-BSBFB-12 08/29/00 FIELD BLANK	CDE-BSBFB-13 08/30/00 FIELD BLANK	CDE-BSBFB-14 09/01/00 FIELD BLANK	CDE-BSBFB-15 09/05/00 FIELD BLANK
CONSTITUENTS					
2-Chloronaphthalene	U	U	U	U	U
2-Chlorophenol	U	U	U	U	U
2-Methylnaphthalene	U	U	U	U	U
2-Methylphenol	U	U	U	U	U
2-Nitroaniline	U	U	U	U	U
2-Nitrophenol	U	U	U	U	U
2,4-Dichlorophenol	U	U	U	U	U
2,4-Dimethylphenol	U	U	U	U	U
2,4-Dinitrophenol	U	U	U	U	U
2,4-Dinitrotoluene	U	U	U	U	U
2,4,5-Trichlorophenol	U	U	U	U	U
2,4,6-Trichlorophenol	U	U	U	U	U
2,6-Dinitrotoluene	U	U	U	U	U
3-Nitroaniline	U	U	U	U	U
3,3-Dichlorobenzidine	U	U	U	U	U
4-Bromophenyl-phenylether	U	U	U	U	U
4-Chloro-3-methylphenol	U	U	U	U	U
4-Chloroaniline	U	U	U	U	U
4-Chlorophenyl phenylether	U	U	U	U	U
4-Methylphenol	U	U	U	U	U
4-Nitroaniline	U	U	U	U	U
4-Nitrophenol	U	U	U	U	U
4,4-DDD	U	U	U	U	U
4,4-DDE	U	U	U	U	U
4,4DDT	U	U	U	U	U
4,6-Dinitro-2-methylphenol	U	U	U	U	U
Acenaphthene	U	U	U	U	U

Notes:
All results are in mg/L.

TABLE G-50
ORGANICS DETECTED IN BUILDING SOIL BORING FIELD BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-BSBFB-11 08/28/00 FIELD BLANK	CDE-BSBFB-12 08/29/00 FIELD BLANK	CDE-BSBFB-13 08/30/00 FIELD BLANK	CDE-BSBFB-14 09/01/00 FIELD BLANK	CDE-BSBFB-15 09/05/00 FIELD BLANK
CONSTITUENTS					
Acenaphthylene	U	U	U	U	U
Acetophenone	U	U	U	U	U
Aldrin	U	U	U	U	U
alpha-BHC	U	U	U	U	U
alpha-Chlordane	U	U	U	U	U
Anthracene	U	U	U	U	U
Aroclor-1016	U	U	U	U	U
Aroclor-1221	U	U	U	U	U
Aroclor-1232	U	U	U	U	U
Aroclor-1242	U	U	U	U	U
Aroclor-1248	U	U	U	U	U
Aroclor-1254	U	U	U	U	U
Aroclor-1260	U	U	U	U	U
Atrazine	U	U	U	U	U
Benzaldehyde	U	U	U	U	U
Benzo(a)anthracene	U	U	U	U	U
Benzo(a)pyrene	U	U	U	U	U
Benzo(b)fluoranthene	U	U	U	U	U
Benzo(g,h,i)perylene	U	U	U	U	U
Benzo(k)fluoranthene	U	U	U	U	U
beta-BHC	U	U	U	U	U
Biphenyl, 1,1-	U	U	U	U	U
Bis(2-chloro-1-methylethyl) ether	U	U	U	U	U
Bis(2-chloroethoxy)methane	U	U	U	U	U
bis(2-Chloroethyl) ether	U	U	U	U	U
Bis(2-ethylhexyl)phthalate	U	U	U	U	U
Butylbenzylphthalate	U	U	U	U	U

301741

Notes:
All results are in mg/L.

TABLE G-50
ORGANICS DETECTED IN BUILDING SOIL BORING FIELD BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-BSBFB-11 08/28/00 FIELD BLANK	CDE-BSBFB-12 08/29/00 FIELD BLANK	CDE-BSBFB-13 08/30/00 FIELD BLANK	CDE-BSBFB-14 09/01/00 FIELD BLANK	CDE-BSBFB-15 09/05/00 FIELD BLANK
CONSTITUENTS					
Caprolactam	U	U	U	U	U
Carbazole	U	U	U	U	U
Chrysene	U	U	U	U	U
D-in-octylphthalate	U	U	U	U	U
delta-BHC	U	U	U	U	U
Dibenzofuran	U	U	U	U	U
Dibenzo(a,h)anthracene	U	U	U	U	U
Dieldrin	U	U	U	U	U
Diethylphthalate	U	U	U	U	U
Dimethylphthalate	U	U	U	U	U
Dinbutylphthalate	U	U	U	U	U
Endosulfan I	U	U	U	U	U
Endosulfan II	U	U	U	U	U
Endosulfan sulfate	U	U	U	U	U
Endrin	U	U	U	U	U
Endrin aldehyde	U	U	U	U	U
Endrin ketone	U	U	U	U	U
Fluoranthene	U	U	U	U	U
Fluorene	U	U	U	U	U
gamma-BHC (Lindane)	U	U	U	U	U
gamma-Chlordane	U	U	U	U	U
Heptachlor	U	U	U	U	U
Heptachlor epoxide	U	U	U	U	U
Hexachlorobenzene	U	U	U	U	U
Hexachlorobutadiene	U	U	U	U	U
Hexachlorocyclopentadiene	U	U	U	U	U
Hexachloroethane	U	U	U	U	U

301742

Notes:
All results are in mg/L.

TABLE G-50
ORGANICS DETECTED IN BUILDING SOIL BORING FIELD BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-BSBFB-11 08/28/00 FIELD BLANK	CDE-BSBFB-12 08/29/00 FIELD BLANK	CDE-BSBFB-13 08/30/00 FIELD BLANK	CDE-BSBFB-14 09/01/00 FIELD BLANK	CDE-BSBFB-15 09/05/00 FIELD BLANK
CONSTITUENTS					
Indeno(1,2,3cd)pyrene	U	U	U	U	U
Isophorone	U	U	U	U	U
Methoxychlor	U	U	U	U	U
N-Nitrosodinpropylamine	U	U	U	U	U
N-Nitrosodiphenylamine	U	U	U	U	U
Naphthalene	U	U	U	U	U
Nitrobenzene	U	U	U	U	U
Pentachlorophenol	U	U	U	U	U
Phenanthrene	U	U	U	U	U
Phenol	U	U	U	U	U
Pyrene	U	U	U	U	U
Toxaphene	U	U	U	U	U
Total SVOC TICs	0.47	0	0	0	0

301743

Notes:
All results are in mg/L.

TABLE G-50
ORGANICS DETECTED IN BUILDING SOIL BORING FIELD BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-BSBFB-16 09/07/00 FIELD BLANK	CDE-BSBFB-17 09/08/00 FIELD BLANK
CONSTITUENTS		
2-Chloronaphthalene	U	U
2-Chlorophenol	U	U
2-Methylnaphthalene	U	U
2-Methylphenol	U	U
2-Nitroaniline	U	U
2-Nitrophenol	U	U
2,4-Dichlorophenol	U	U
2,4-Dimethylphenol	U	U
2,4-Dinitrophenol	U	U
2,4-Dinitrotoluene	U	U
2,4,5-Trichlorophenol	U	U
2,4,6-Trichlorophenol	U	U
2,6-Dinitrotoluene	U	U
3-Nitroaniline	U	U
3,3-Dichlorobenzidine	U	U
4-Bromophenyl-phenylether	U	U
4-Chloro-3-methylphenol	U	U
4-Chloroaniline	U	U
4-Chlorophenyl phenylether	U	U
4-Methylphenol	U	U
4-Nitroaniline	U	U
4-Nitrophenol	U	U
4,4-DDD	U	U
4,4-DDE	U	U
4,4DDT	U	U
4,6-Dinitro-2-methylphenol	U	U
Acenaphthene	U	U

301744

Notes:
All results are in mg/L.

TABLE G-50
ORGANICS DETECTED IN BUILDING SOIL BORING FIELD BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-BSBFB-16 09/07/00 FIELD BLANK	CDE-BSBFB-17 09/08/00 FIELD BLANK
CONSTITUENTS		
Acenaphthylene	U	U
Acetophenone	U	U
Aldrin	U	U
alpha-BHC	U	U
alpha-Chlordane	U	U
Anthracene	U	U
Aroclor-1016	U	U
Aroclor-1221	U	U
Aroclor-1232	U	U
Aroclor-1242	U	U
Aroclor-1248	U	U
Aroclor-1254	0.00022	0.00078
Aroclor-1260	U	U
Atrazine	U	U
Benzaldehyde	U	U
Benzo(a)anthracene	U	U
Benzo(a)pyrene	U	U
Benzo(b)fluoranthene	U	U
Benzo(g,h,i)perylene	U	U
Benzo(k)fluoranthene	U	U
beta-BHC	U	U
Biphenyl, 1,1-	U	U
Bis(2-chloro-1-methylethyl) ether	U	U
Bis(2-chloroethoxy)methane	U	U
bis(2-Chloroethyl) ether	U	U
Bis(2-ethylhexyl)phthalate	U	U
Butylbenzylphthalate	U	U

301745

Notes:
All results are in mg/L.

TABLE G-50
ORGANICS DETECTED IN BUILDING SOIL BORING FIELD BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-BSBFB-16 09/07/00 FIELD BLANK	CDE-BSBFB-17 09/08/00 FIELD BLANK
CONSTITUENTS		
Caprolactam	U	U
Carbazole	U	U
Chrysene	U	U
D-in-octylphthalate	U	U
delta-BHC	U	U
Dibenzofuran	U	U
Dibenzo(a,h)anthracene	U	U
Dieldrin	U	U
Diethylphthalate	U	U
Dimethylphthalate	U	U
Dinbutylphthalate	U	U
Endosulfan I	U	U
Endosulfan II	U	U
Endosulfan sulfate	U	U
Endrin	U	U
Endrin aldehyde	U	U
Endrin ketone	U	U
Fluoranthene	U	U
Fluorene	U	U
gamma-BHC (Lindane)	U	U
gamma-Chlordane	U	U
Heptachlor	U	U
Heptachlor epoxide	U	U
Hexachlorobenzene	U	U
Hexachlorobutadiene	U	U
Hexachlorocyclopentadiene	U	U
Hexachloroethane	U	U

Notes:
All results are in mg/L.

301746

TABLE G-50
ORGANICS DETECTED IN BUILDING SOIL BORING FIELD BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-BSBFB-16 09/07/00 FIELD BLANK	CDE-BSBFB-17 09/08/00 FIELD BLANK
CONSTITUENTS		
Indeno(1,2,3cd)pyrene	U	U
Isophorone	U	U
Methoxychlor	U	U
N-Nitrosodinpropylamine	U	U
N-Nitrosodiphenylamine	U	U
Naphthalene	U	U
Nitrobenzene	U	U
Pentachlorophenol	U	U
Phenanthrene	U	U
Phenol	U	U
Pyrene	U	U
Toxaphene	U	U
Total SVOC TICs	0	0

301747

Notes:
All results are in mg/L.

TABLE G-51
INORGANICS DETECTED IN BUILDING SOIL BORING FIELD BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-BSBFB-01 08/11/00 FIELD BLANK	CDE-BSBFB-02 08/14/00 FIELD BLANK	CDE-BSBFB-03 08/15/00 FIELD BLANK	CDE-BSBFB-04A 08/16/00 FIELD BLANK	CDE-BSBFB-05 08/17/00 FIELD BLANK
COMPOUNDS					
Aluminum	U	U	U	U	U
Antimony	U	U	U	U	U
Arsenic	U	U	U	0.0038	U
Barium	U	U	U	0.00058	0.00028
Beryllium	U	U	U	U	U
Cadmium	U	U	U	U	U
Calcium	0.32	0.021	0.024	0.05	0.048
Chromium	U	U	U	U	U
Cobalt	U	U	0.0012	U	U
Copper	U	U	U	0.002	0.0011
Cyanide	U	U	U	U	U
Iron	0.2	U	U	0.068	0.061
Lead	0.002	U	U	U	U
Magnesium	U	U	U	U	U
Manganese	0.0044	U	U	0.0079	0.0033
Mercury	U	U	U	U	U
Nickel	U	U	U	0.008	U
Potassium	0.11	0.074	0.074	U	U
Selenium	U	U	U	U	0.0025
Silver	U	0.00066	U	U	U
Sodium	U	U	U	U	U
Thallium	U	U	0.0031	0.0026	U
Vanadium	U	0.001	0.001	U	U
Zinc	0.012	U	U	0.015	0.018

301748

Notes:
All results are in mg/Kg.

TABLE G-51
INORGANICS DETECTED IN BUILDING SOIL BORING FIELD BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-BSBFB-06 08/18/00 FIELD BLANK	CDE-BSBFB-07 08/21/00 FIELD BLANK	CDE-BSBFB-08 08/22/00 FIELD BLANK	CDE-BSBFB-09 08/23/00 FIELD BLANK	CDE-BSBFB-10 08/25/00 FIELD BLANK
COMPOUNDS					
Aluminum	U	U	U	U	U
Antimony	U	U	U	U	U
Arsenic	U	U	U	U	U
Barium	0.002	0.00067	U	U	U
Beryllium	U	0.00029	0.00038	0.00043	0.00022
Cadmium	U	U	U	U	U
Calcium	U	U	U	U	U
Chromium	U	U	U	U	U
Cobalt	U	U	U	U	U
Copper	U	0.018	U	U	U
Cyanide	U	0.0017	U	U	U
Iron	0.033	0.016	U	U	U
Lead	0.0057	0.048	U	U	U
Magnesium	U	0.047	U	U	U
Manganese	0.0012	0.0002	U	U	U
Mercury	U	U	U	U	U
Nickel	U	0.0025	U	U	U
Potassium	U	0.084	U	U	U
Selenium	U	0.003	U	0.0018	U
Silver	U	0.24	0.034	0.022	U
Sodium	0.46	0.38	U	U	0.12
Thallium	0.0031	U	U	U	U
Vanadium	U	U	U	U	0.0023
Zinc	0.013	U	U	U	U

301749

Notes:
All results are in mg/Kg.

TABLE G-51
INORGANICS DETECTED IN BUILDING SOIL BORING FIELD BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-BSBFB-11 08/28/00 FIELD BLANK	CDE-BSBFB-12 08/29/00 FIELD BLANK	CDE-BSBFB-13 08/30/00 FIELD BLANK	CDE-BSBFB-14 09/01/00 FIELD BLANK	CDE-BSBFB-15 09/05/00 FIELD BLANK
COMPOUNDS					
Aluminum	0.032	0.048	0.042	0.036	0.017
Antimony	U	U	U	U	U
Arsenic	U	U	U	U	0.0024
Barium	0.00028	0.00036	0.00026	0.0004	U
Beryllium	U	U	U	0.00022	U
Cadmium	U	U	U	U	U
Calcium	0.057	0.1	0.075	0.14	0.047
Chromium	U	U	U	U	U
Cobalt	U	U	U	U	U
Copper	0.012	0.017	0.012	0.017	0.0013
Cyanide	U	U	U	U	U
Iron	U	U	U	U	0.011
Lead	U	U	U	U	U
Magnesium	U	0.017	U	0.016	0.04
Manganese	0.00048	0.0013	0.00084	0.00038	0.0011
Mercury	0.00016	U	U	0.00012	U
Nickel	0.0019	0.0028	0.0024	0.0029	U
Potassium	0.092	0.058	0.062	0.06	0.08
Selenium	U	U	U	U	U
Silver	0.0024	U	0.0028	U	U
Sodium	0.38	0.3	0.25	0.34	0.087
Thallium	U	U	U	U	0.0034
Vanadium	U	U	U	U	U
Zinc	0.064	0.01	0.012	0.01	0.0049

301750

Notes:
All results are in mg/Kg.

TABLE G-51
INORGANICS DETECTED IN BUILDING SOIL BORING FIELD BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-BSBFB-16 09/07/00 FIELD BLANK	CDE-BSBFB-17 09/08/00 FIELD BLANK	CDE-DWB-01 28379 DRILL WATER BLANK	CDE-DI-02A 28435 DI WATER BLANK
COMPOUNDS				
Aluminum	0.13	0.033	0.15	0.16
Antimony	0.0022	U	U	U
Arsenic	U	U	U	U
Barium	U	U	0.043	0.00063
Beryllium	U	U	U	0.00032
Cadmium	U	U	U	U
Calcium	0.049	0.049	29.6	0.32
Chromium	0.0058	U	U	U
Cobalt	U	U	U	U
Copper	U	U	0.0052	0.016
Cyanide	U	U	U	0.0043
Iron	0.28	0.013	0.2	U
Lead	U	U	0.0026	U
Magnesium	0.027	0.023	8.1	0.062
Manganese	0.0019	U	0.013	U
Mercury	U	U	U	U
Nickel	0.0013	0.0013	U	0.003
Potassium	0.073	0.072	3	0.088
Selenium	U	U	U	U
Silver	0.0011	U	U	0.0024
Sodium	0.12	0.097	19.3	0.23
Thallium	0.0092	0.0063	U	U
Vanadium	U	U	U	0.0014
Zinc	0.0039	0.0035	0.62	0.014

301751

Notes:
All results are in mg/Kg.

TABLE G-52
ORGANICS DETECTED IN TEST PIT WATER BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-TPWFB-01 06/08/00 FIELD BLANK	CDE-TPWFB-02 06/09/00 FIELD BLANK	CDE-TPWFB-03 06/12/00 FIELD BLANK	CDE-TPWTB-01 06/09/00 TRIP BLANK	CDE-TPWTB-02 06/12/00 TRIP BLANK	CDE-DI-01 06/08/00 DI WATER BLANK
CONSTITUENTS						
1,1-Dichloroethane	U	U	U	U	U	U
1,1-Dichloroethene	U	U	U	U	U	U
1,1,1-Trichloroethane	U	U	U	U	U	U
1,1,2-Trichloroethane	U	U	U	U	U	U
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U
1,2-Dibromo-3-chloropropane	U	U	U	U	U	U
1,2-Dibromoethane	U	U	U	U	U	U
1,2-Dichlorobenzene	U	U	U	U	U	U
1,2-Dichloroethane	U	U	U	U	U	U
1,2-Dichloropropane	U	U	U	U	U	U
1,2,4-Trichlorobenzene	U	U	U	U	U	U
1,3-Dichlorobenzene	U	U	U	U	U	U
1,4-Dichlorobenzene	U	U	U	U	U	U
2-Butanone	U	U	U	U	U	U
2-Chloronaphthalene	U	U	U	NA	NA	U
2-Chlorophenol	U	U	U	NA	NA	U
2-Hexanone	U	U	U	U	U	U
2-Methylnaphthalene	U	U	U	NA	NA	U
2-Methylphenol	U	U	U	NA	NA	U
2-Nitroaniline	U	U	U	NA	NA	U
2-Nitrophenol	U	U	U	NA	NA	U
2,4-Dichlorophenol	U	U	U	NA	NA	U
2,4-Dimethylphenol	U	U	U	NA	NA	U
2,4-Dinitrophenol	U	U	U	NA	NA	U
2,4-Dinitrotoluene	U	U	U	NA	NA	U
2,4,5-Trichlorophenol	U	U	U	NA	NA	U
2,4,6-Trichlorophenol	U	U	U	NA	NA	U

301752

Notes:
All results are in mg/L.

TABLE G-52
ORGANICS DETECTED IN TEST PIT WATER BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-TPWFB-01 06/08/00 FIELD BLANK	CDE-TPWFB-02 06/09/00 FIELD BLANK	CDE-TPWFB-03 06/12/00 FIELD BLANK	CDE-TPWTB-01 06/09/00 TRIP BLANK	CDE-TPWTB-02 06/12/00 TRIP BLANK	CDE-DI-01 06/08/00 DI WATER BLANK
CONSTITUENTS						
2,6-Dinitrotoluene	U	U	U	NA	NA	U
3-Nitroaniline	U	U	U	NA	NA	U
3,3'-Dichlorobenzidine	U	U	U	NA	NA	U
4-Bromophenyl-phenylether	U	U	U	NA	NA	U
4-Chloro-3-methylphenol	U	U	U	NA	NA	U
4-Chloroaniline	U	U	U	NA	NA	U
4-Chlorophenyl-phenylether	U	U	U	NA	NA	U
4-Methyl-2-pentanone	U	U	U	U	U	U
4-Methylphenol	U	U	U	NA	NA	U
4-Nitroaniline	U	U	U	NA	NA	U
4-Nitrophenol	U	U	U	NA	NA	U
4,4'-DDD	U	U	U	NA	NA	U
4,4'-DDE	U	U	U	NA	NA	U
4,4'-DDT	U	U	U	NA	NA	U
4,6-Dinitro-2-methylphenol	U	U	U	NA	NA	U
Acenaphthene	U	U	U	NA	NA	U
Acenaphthylene	U	U	U	NA	NA	U
Acetone	0.003	0.002	U	U	U	U
Aldrin	U	U	U	NA	NA	U
alpha-BHC	U	U	U	NA	NA	U
alpha-Chlordane	U	U	U	NA	NA	U
Anthracene	U	U	U	NA	NA	U
Aroclor-1016	U	U	U	NA	NA	U
Aroclor-1221	U	U	U	NA	NA	U
Aroclor-1232	U	U	U	NA	NA	U
Aroclor-1242	U	U	U	NA	NA	U
Aroclor-1248	U	U	U	NA	NA	U

301753

Notes:
All results are in mg/L.

TABLE G-52
ORGANICS DETECTED IN TEST PIT WATER BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-TPWFB-01 06/08/00 FIELD BLANK	CDE-TPWFB-02 06/09/00 FIELD BLANK	CDE-TPWFB-03 06/12/00 FIELD BLANK	CDE-TPWTB-01 06/09/00 TRIP BLANK	CDE-TPWTB-02 06/12/00 TRIP BLANK	CDE-DI-01 06/08/00 DI WATER BLANK
CONSTITUENTS						
Aroclor-1254	U	U	U	NA	NA	U
Aroclor-1260	U	U	U	NA	NA	U
Benzene	U	U	U	U	U	U
Benzo(a)anthracene	U	U	U	NA	NA	U
Benzo(a)pyrene	U	U	U	NA	NA	U
Benzo(b)fluoranthene	U	U	U	NA	NA	U
Benzo(g,h,i)perylene	U	U	U	NA	NA	U
Benzo(k)fluoranthene	U	U	U	NA	NA	U
beta-BHC	U	U	U	NA	NA	U
Bis(2-chloro-1-methylethyl) ether	U	U	U	NA	NA	U
Bis(2-chloroethoxy)methane	U	U	U	NA	NA	U
Bis(2-chloroethyl)ether	U	U	U	NA	NA	U
Bis(2-ethylhexyl)phthalate	U	U	U	NA	NA	U
Bromochloromethane	U	U	U	U	U	U
Bromodichloromethane	U	U	U	U	U	U
Bromoform	U	U	U	U	U	U
Bromomethane	U	U	U	U	U	U
Butyl benzyl phthalate	U	U	U	NA	NA	U
Carbon disulfide	U	U	U	U	U	U
Carbon tetrachloride	U	U	U	U	U	U
Chlorobenzene	U	U	U	U	U	U
Chloroethane	U	U	U	U	U	U
Chloroform	U	U	U	U	U	U
Chloromethane	U	U	U	U	U	U
Chrysene	U	U	U	NA	NA	U
cis-1,2-Dichloroethene	U	U	U	U	U	U
cis-1,3-Dichloropropene	U	U	U	U	U	U

301754

Notes:
All results are in mg/L.

TABLE G-52
ORGANICS DETECTED IN TEST PIT WATER BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-TPWFB-01 06/08/00 FIELD BLANK	CDE-TPWFB-02 06/09/00 FIELD BLANK	CDE-TPWFB-03 06/12/00 FIELD BLANK	CDE-TPWTB-01 06/09/00 TRIP BLANK	CDE-TPWTB-02 06/12/00 TRIP BLANK	CDE-DI-01 06/08/00 DI WATER BLANK
CONSTITUENTS						
delta-BHC	U	U	U	NA	NA	U
Di-n-butylphthalate	U	U	U	NA	NA	U
Di-n-octylphthalate	U	U	U	NA	NA	U
Dibenzofuran	U	U	U	NA	NA	U
Dibenz(a,h)anthracene	U	U	U	NA	NA	U
Dibromochloromethane	U	U	U	U	U	U
Dieldrin	U	U	U	NA	NA	U
Diethylphthalate	U	U	U	NA	NA	U
Dimethylphthalate	U	U	U	NA	NA	U
Endosulfan I	U	U	U	NA	NA	U
Endosulfan II	U	U	U	NA	NA	U
Endosulfan sulfate	U	U	U	NA	NA	U
Endrin	U	U	U	NA	NA	U
Endrin aldehyde	U	U	U	NA	NA	U
Endrin ketone	U	U	U	NA	NA	U
Ethylbenzene	U	U	U	U	U	U
Fluoranthene	U	U	U	NA	NA	U
Fluorene	U	U	U	NA	NA	U
gamma-BHC (Lindane)	U	U	U	NA	NA	U
gamma-Chlordane	U	U	U	NA	NA	U
Heptachlor	U	U	U	NA	NA	U
Heptachlor epoxide	U	U	U	NA	NA	U
Hexachlorobenzene	U	U	U	NA	NA	U
Hexachlorobutadiene	U	U	U	NA	NA	U
Hexachlorocyclopentadiene	U	U	U	NA	NA	U
Hexachloroethane	U	U	U	NA	NA	U
Indeno(1,2,3-cd)pyrene	U	U	U	NA	NA	U

301755

Notes:
All results are in mg/L.

TABLE G-52
ORGANICS DETECTED IN TEST PIT WATER BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-TPWFB-01 06/08/00 FIELD BLANK	CDE-TPWFB-02 06/09/00 FIELD BLANK	CDE-TPWFB-03 06/12/00 FIELD BLANK	CDE-TPWTB-01 06/09/00 TRIP BLANK	CDE-TPWTB-02 06/12/00 TRIP BLANK	CDE-DI-01 06/08/00 DI WATER BLANK
CONSTITUENTS						
Isophorone	U	U	U	NA	NA	U
Methoxychlor	U	U	U	NA	NA	U
Methylene chloride	U	U	U	U	U	U
N-Nitroso-di-n-propylamine	U	U	U	NA	NA	U
N-Nitrosodiphenylamine (1)	U	U	U	NA	NA	U
Naphthalene	U	U	U	NA	NA	U
Nitrobenzene	U	U	U	NA	NA	U
Pentachlorophenol	U	U	U	NA	NA	U
Phenanthrene	U	U	U	NA	NA	U
Phenol	U	U	U	NA	NA	U
Pyrene	U	U	U	NA	NA	U
Styrene	U	U	U	U	U	U
Tetrachloroethene	U	U	U	U	U	U
Toluene	0.0008	0.0008	0.001	0.001	0.0009	0.001
Toxaphene	U	U	U	NA	NA	U
trans-1,2-Dichloroethene	U	U	U	U	U	U
trans-1,3-Dichloropropene	U	U	U	U	U	U
Trichloroethene	U	U	U	U	U	U
Vinyl chloride	U	U	U	U	U	U
Xylene (total)	U	U	U	U	U	U
Total SVOC TICs	U	U	U	NA	NA	U
Total VOC TICs	U	0.016	U	U	U	U

301756

Notes:
All results are in mg/L.

TABLE G-53
INORGANICS DETECTED IN TEST PIT WATER BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-TPWFB-01 06/08/00 FIELD BLANK	CDE-TPWFB-02 06/09/00 FIELD BLANK	CDE-TPWFB-03 06/12/00 FIELD BLANK	CDE-DI-01 06/08/00 DI WATER BLANK
CONSTITUENTS				
Aluminum	U	U	U	U
Antimony	U	U	U	U
Arsenic	U	U	U	U
Barium	0.0004	0.0004	0.0004	0.0006
Beryllium	U	U	U	U
Cadmium	U	U	U	U
Calcium	0.144	0.0594	0.139	0.0834
Chromium	U	-0.5	-0.5	U
Cobalt	U	U	U	U
Copper	0.0024	0.0019	U	0.0013
Cyanide	U	U	U	U
Iron	0.0558	0.0473	0.0593	0.0613
Lead	0.0024	U	0.0018	U
Magnesium	U	U	0.0141	U
Manganese	0.0008	0.0008	0.0008	0.0007
Mercury	U	U	U	U
Nickel	U	U	U	U
Potassium	0.073	0.0746	0.0533	0.08
Selenium	U	U	U	U
Silver	0.0008	0.0017	U	0.0011
Sodium	U	U	U	U
Thallium	U	U	U	U
Vanadium	U	U	U	U
Zinc	0.005	0.003	0.0052	0.0023

301757

Notes:
All results detected in mg/L.

TABLE G-54
VOLATILE ORGANIC COMPOUNDS DETECTED IN PERCHED GROUNDWATER BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-MWGFB-01 08/03/00 FIELD BLANK	CDE-MWGFB-02 08/08/00 FIELD BLANK	CDE-MWGFB-04 08/22/00 FIELD BLANK	CDE-MWGTB-01 08/03/00 TRIP BLANK	CDE-MWGTB-03 08/15/00 TRIP BLANK
CONSTITUENT					
1,1-Dichloroethane	U	U	U	U	U
1,1-Dichloroethene	U	U	U	U	U
1,1,1-Trichloroethane	U	U	U	U	U
1,1,2-Trichloroethane	U	U	U	U	U
1,1,2,2-Tetrachloroethane	U	U	U	U	U
1,2-Dibromo-3-chloropropane	U	U	U	U	U
1,2-Dibromoethane	U	U	U	U	U
1,2-Dichlorobenzene	0.002	U	U	U	U
1,2-Dichloroethane	U	U	U	U	U
1,2-Dichloropropane	U	U	U	U	U
1,2,4-Trichlorobenzene	U	U	U	U	U
1,3-Dichlorobenzene	U	U	U	U	U
1,4-Dichlorobenzene	U	U	U	U	U
2-Butanone	U	U	U	U	U
2-Hexanone	U	U	U	0.0006	0.0007
4-Methyl-2-pentanone	U	U	U	U	U
Acetone	U	U	U	U	U
Benzene	U	U	U	U	U
Bromochloromethane	U	U	U	U	U
Bromodichloromethane	U	U	U	U	U
Bromoform	U	U	U	U	U
Bromomethane	U	U	U	U	U
Carbon disulfide	U	U	U	U	U
Carbon tetrachloride	U	U	U	U	U
Chlorobenzene	U	U	U	U	U
Chloroethane	U	U	U	U	U
Chloroform	U	U	U	U	0.007

301758

Notes:
All results are in mg/L.

TABLE G-54
VOLATILE ORGANIC COMPOUNDS DETECTED IN PERCHED GROUNDWATER BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-MWGFB-01 08/03/00 FIELD BLANK	CDE-MWGFB-02 08/08/00 FIELD BLANK	CDE-MWGFB-04 08/22/00 FIELD BLANK	CDE-MWGTB-01 08/03/00 TRIP BLANK	CDE-MWGTB-03 08/15/00 TRIP BLANK
CONSTITUENT					
Chloromethane	U	U	U	U	U
cis-1,2-Dichloroethene	U	U	U	U	U
cis-1,3-Dichloropropene	U	U	U	U	U
Dibromochloromethane	U	U	U	U	U
Ethylbenzene	U	U	U	U	U
Methylene chloride	U	0.0017	U	U	U
Styrene	U	U	U	U	U
,Tetrachloroethene	U	U	U	U	U
Toluene	U	0.00021	U	U	U
trans-1,2-Dichloroethene	U	U	U	U	U
trans-1,3-Dichloropropene	U	U	U	U	U
Trichloroethene	U	U	U	U	U
Vinyl chloride	U	U	U	U	U
Xylene (total)	U	U	U	U	U
Total VOC TICs	U	U	U	U	U

301759

Notes:
All results are in mg/L.

TABLE G-54
VOLATILE ORGANIC COMPOUNDS DETECTED IN PERCHED GROUNDWATER BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-MWGTB-02 08/08/00 TRIP BLANK	CDE-MWGTB-04 08/22/00 TRIP BLANK	CDE-MWGTB-05 09/05/00 TRIP BLANK
CONSTITUENT			
1,1-Dichloroethane	U	U	U
1,1-Dichloroethene	U	U	U
1,1,1-Trichloroethane	U	U	U
1,1,2-Trichloroethane	U	U	U
1,1,2,2-Tetrachloroethane	U	U	U
1,2-Dibromo-3-chloropropane	U	U	U
1,2-Dibromoethane	U	U	U
1,2-Dichlorobenzene	U	U	U
1,2-Dichloroethane	U	U	U
1,2-Dichloropropane	U	U	U
1,2,4-Trichlorobenzene	U	U	U
1,3-Dichlorobenzene	U	U	U
1,4-Dichlorobenzene	U	U	U
2-Butanone	U	U	U
2-Hexanone	U	U	U
4-Methyl-2-pentanone	U	U	U
Acetone	U	U	U
Benzene	U	U	U
Bromochloromethane	U	U	U
Bromodichloromethane	U	U	U
Bromoform	U	U	U
Bromomethane	U	U	U
Carbon disulfide	U	U	U
Carbon tetrachloride	U	U	U
Chlorobenzene	U	U	U
Chloroethane	U	U	U
Chloroform	U	U	U

301760

Notes:
All results are in mg/L.

TABLE G-54
VOLATILE ORGANIC COMPOUNDS DETECTED IN PERCHED GROUNDWATER BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-MWGTB-02 08/08/00 TRIP BLANK	CDE-MWGTB-04 08/22/00 TRIP BLANK	CDE-MWGTB-05 09/05/00 TRIP BLANK
CONSTITUENT			
Chloromethane	U	U	U
cis-1,2-Dichloroethene	U	U	U
cis-1,3-Dichloropropene	U	U	U
Dibromochloromethane	U	U	U
Ethylbenzene	U	U	U
Methylene chloride	U	U	U
Styrene	U	U	U
Tetrachloroethene	U	U	U
Toluene	U	U	U
trans-1,2-Dichloroethene	U	U	U
trans-1,3-Dichloropropene	U	U	U
Trichloroethene	U	U	U
Vinyl chloride	U	U	U
Xylene (total)	U	U	U
Total VOC TICs	U	U	U

301761

Notes:
All results are in mg/L.

TABLE G-55
PCBs DETECTED IN PERCHED GROUNDWATER BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-MWGFB-01 08/03/00 FIELD BLANK	CDE-MWGFB-02 08/08/00 FIELD BLANK	CDE-MWGFB-04 08/22/00 FIELD BLANK
CONSTITUENT			
Aroclor-1016	U	U	U
Aroclor-1221	U	U	U
Aroclor-1232	U	U	U
Aroclor-1242	U	U	U
Aroclor-1248	U	U	0.00084
Aroclor-1254	U	U	0.0011
Aroclor-1260	U	U	U
Aroclor 1242	U	U	U

301762

Notes:
All results are in mg/L.

TABLE G-56
PCB CONGENERS DETECTED IN PERCHED GROUNDWATER FIELD BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FIELD SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-MWGFB-04 08/22/00 FIELD BLANK	CDE-MWGFB-05 09/05/00 FIELD BLANK
CONSTITUENT		
BZ 1	U	R
BZ 101/90	0.027	R
BZ 105	0.012	R
BZ 107	U	R
BZ 110/77	0.04	R
BZ 114	U	R
BZ 118	0.021	R
BZ 119	U	R
BZ 128	0.0072	R
BZ 132/168	U	R
BZ 135/144	U	R
BZ 136	U	R
BZ 137	U	R
BZ 138/163	0.02	R
BZ 141	U	R
BZ 146	U	R
BZ 149/123	0.012	R
BZ 151	U	R
BZ 153/184	0.013	R
BZ 156/171	U	R
BZ 157	U	R
BZ 158	U	R
BZ 16/32	0.025	R
BZ 167	U	R
BZ 169	U	R
BZ 17	0.017	R

301763

Notes:
All results are in ug/L.

TABLE G-56
PCB CONGENERS DETECTED IN PERCHED GROUNDWATER FIELD BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FIELD SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-MWGFB-04 08/22/00 FIELD BLANK	CDE-MWGFB-05 09/05/00 FIELD BLANK
CONSTITUENT		
BZ 170	U	R
BZ 172	U	R
BZ 174	U	R
BZ 176	U	R
BZ 177	U	R
BZ 178/126	U	R
BZ 18	0.034	R
BZ 180	U	R
BZ 183	U	R
BZ 185	U	R
BZ 187/182	U	R
BZ 189	U	R
BZ 19	0.01	R
BZ 190	U	R
BZ 194	U	R
BZ 195	U	R
BZ 197	U	R
BZ 199	U	R
BZ 201	U	R
BZ 202	U	R
BZ 203/196	U	R
BZ 206	U	R
BZ 208	U	R
BZ 209	U	R
BZ 22	0.016	R
BZ 24	U	R

301764

Notes:
All results are in ug/L.

TABLE G-56
PCB CONGENERS DETECTED IN PERCHED GROUNDWATER FIELD BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FIELD SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-MWGFB-04 08/22/00 FIELD BLANK	CDE-MWGFB-05 09/05/00 FIELD BLANK
CONSTITUENT		
BZ 25	U	R
BZ 26	0.0061	R
BZ 27	U	R
BZ 28	0.032	R
BZ 29	U	R
BZ 31	0.024	R
BZ 33	U	R
BZ 37/42	0.009	R
BZ 4	0.01	R
BZ 40	0.0047	R
BZ 44	0.022	R
BZ 45	0.0051	R
BZ 46	U	R
BZ 47	0.005	R
BZ 48	0.0065	R
BZ 49	0.015	R
BZ 5	U	R
BZ 52	0.03	R
BZ 53	0.024	R
BZ 56	U	R
BZ 59	U	R
BZ 6	U	R
BZ 60/92	0.017	R
BZ 63	U	R
BZ 64/41	0.013	R
BZ 66/95	0.038	R

301765

Notes:
All results are in ug/L.

TABLE G-56
PCB CONGENERS DETECTED IN PERCHED GROUNDWATER FIELD BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FIELD SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-MWGFB-04 08/22/00 FIELD BLANK	CDE-MWGFB-05 09/05/00 FIELD BLANK
CONSTITUENT		
BZ 7	U	R
BZ 70	0.024	R
BZ 71	0.0051	R
BZ 74	0.0082	R
BZ 76	U	R
BZ 8	0.0083	R
BZ 82	0.0059	R
BZ 84	0.0093	R
BZ 85	U	R
BZ 87/81	0.02	R
BZ 91	0.0057	R
BZ 97	0.011	R
BZ 99	0.012	R
PCB Congeners	0.62	R

301766

Notes:
All results are in ug/L.

TABLE G-57
ORGANICS DETECTED IN DRAIN SEDIMENT BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FIELD SAMPLE ID BLANK ID SAMPLE	CDE-DSSFB-01 09/20/00 FIELD BLANK
CONSTITUENTS	
2-Chloronaphthalene	U
2-Chlorophenol	U
2-Methylnaphthalene	U
2-Methylphenol	U
2-Nitroaniline	U
2-Nitrophenol	U
2,4-Dichlorophenol	U
2,4-Dimethylphenol	U
2,4-Dinitrophenol	U
2,4-Dinitrotoluene	U
2,4,5-Trichlorophenol	U
2,4,6-Trichlorophenol	U
2,6-Dinitrotoluene	U
3-Nitroaniline	U
3,3'-Dichlorobenzidine	U
4-Bromophenyl-phenylether	U
4-Chloroaniline	U
4-Chlorophenyl-phenylether	U
4-Methylphenol	U
4-Methylphenol	U
4-Nitroaniline	U
4-Nitrophenol	U
4,4'-DDD	U
4,4'-DDE	U
4,4'-DDT	U
4,6-Dinitro-2-methylphenol	U
Acenaphthene	U

301767

Notes:
All results are in mg/L.

TABLE G-57
ORGANICS DETECTED IN DRAIN SEDIMENT BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FIELD SAMPLE ID BLANK ID SAMPLE	CDE-DSSFB-01 09/20/00 FIELD BLANK
CONSTITUENTS	
Acenaphthylene	U
Acetophenone	U
Aldrin	U
alpha-BHC	U
alpha-Chlordane	U
Anthracene	U
Aroclor-1016	U
Aroclor-1221	U
Aroclor-1232	U
Aroclor-1248	U
Aroclor-1254	U
Aroclor-1260	U
Aroclor 1242	U
Atrazine	U
Benzaldehyde	U
Benzo(a)anthracene	U
Benzo(a)pyrene	U
Benzo(b)fluoranthene	U
Benzo(g,h,i)perylene	U
Benzo(k)fluoranthene	U
beta-BHC	U
Biphenyl, 1,1-	U
Bis(2-chloro-1-methylethyl) ether	U
Bis(2-chloroethoxy)methane	U
bis(2-Chloroethyl) ether	U
Bis(2-ethylhexyl)phthalate	0.002
Butylbenzylphthalate	U

301768

Notes:
All results are in mg/L.

TABLE G-57
ORGANICS DETECTED IN DRAIN SEDIMENT BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FIELD SAMPLE ID BLANK ID SAMPLE	CDE-DSSFB-01 09/20/00 FIELD BLANK
CONSTITUENTS	
Caprolactam	U
Carbazole	U
Chrysene	U
delta-BHC	U
Di-n-butylphthalate	0.0007
Di-n-octylphthalate	U
Dibenzofuran	U
Dibenzo(a,h)anthracene	U
Dieldrin	U
Diethylphthalate	U
Dimethylphthalate	U
Endosulfan I	U
Endosulfan II	U
Endosulfan sulfate	U
Endrin	U
Endrin aldehyde	U
Endrin ketone	U
Fluoranthene	U
Fluorene	U
gamma-BHC (Lindane)	U
gamma-Chlordane	U
Heptachlor	0.000018
Heptachlor epoxide	U
Hexachlorobenzene	U
Hexachlorobutadiene	U
Hexachlorocyclopentadiene	U
Hexachloroethane	U

301769

Notes:
All results are in mg/L.

TABLE G-57
ORGANICS DETECTED IN DRAIN SEDIMENT BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FIELD SAMPLE ID BLANK ID SAMPLE	CDE-DSSFB-01 09/20/00 FIELD BLANK
CONSTITUENTS	
Indeno(1,2,3-cd)pyrene	U
Isophorone	U
Methoxychlor	U
N-Nitroso-di-n-propylamine	U
N-Nitrosodiphenylamine	U
Naphthalene	U
Nitrobenzene	U
Pentachlorophenol	U
Phenanthrene	U
Phenol	U
Pyrene	U
Toxaphene	U
Total SVOC TICs	0.028

301770

Notes:
All results are in mg/L.

TABLE G-58
INORGANICS DETECTED IN DRAIN SEDIMENT FIELD BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FIELD SAMPLE ID BLANK ID SAMPLE	CDE-DSSFB-01 09/20/00 FIELD BLANK
CONSTITUENTS	
Aluminum	0.078
Antimony	U
Arsenic	U
Barium	U
Beryllium	U
Cadmium	U
Calcium	0.048
Chromium	U
Cobalt	U
Copper	0.0046
Cyanide	U
Iron	0.037
Lead	U
Magnesium	U
Manganese	U
Mercury	0.00018
Nickel	U
Potassium	U
Selenium	U
Silver	U
Sodium	0.077
Thallium	U
Vanadium	U
Zinc	0.0058

301771

Notes:
All results are in mg/L.

TABLE G-59
ORGANICS DETECTED IN DRAIN WATER BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-DSWFB-01 09/20/00 FIELD BLANK	CDE-DSWTB-01 08/24/00 TRIP BLANK	CDE-DSWTB-01 09/20/00 TRIP BLANK	CDE-DSWTB-02 09/21/00 TRIP BLANK	CDE-DSWTB-03 09/22/00 TRIP BLANK
CONSTITUENT					
1,1-Dichloroethane	U	U	U	U	U
1,1-Dichloroethene	U	U	U	U	U
1,1,1-Trichloroethane	U	U	U	U	U
1,1,2-Trichloroethane	U	U	U	U	U
1,1,2,2-Tetrachloroethane	U	U	U	U	U
1,2-Dibromo-3-chloropropane	U	U	U	U	U
1,2-Dibromoethane	U	U	U	U	U
1,2-Dichlorobenzene	U	U	U	U	U
1,2-Dichloroethane	U	U	U	U	U
1,2-Dichloropropane	U	U	U	U	U
1,2,4-Trichlorobenzene	U	U	U	U	U
1,3-Dichlorobenzene	U	U	U	U	U
1,4-Dichlorobenzene	U	U	U	U	U
2-Butanone	U	U	U	U	U
2-Chloronaphthalene	U	NA	NA	NA	NA
2-Chlorophenol	U	NA	NA	NA	NA
2-Hexanone	U	U	U	U	U
2-Methylnaphthalene	U	NA	NA	NA	NA
2-Methylphenol	U	NA	NA	NA	NA
2-Nitroaniline	U	NA	NA	NA	NA
2-Nitrophenol	U	NA	NA	NA	NA
2,4-Dichlorophenol	U	NA	NA	NA	NA
2,4-Dimethylphenol	U	NA	NA	NA	NA
2,4-Dinitrophenol	U	NA	NA	NA	NA
2,4-Dinitrotoluene	U	NA	NA	NA	NA
2,4,5-Trichlorophenol	U	NA	NA	NA	NA

301772

Notes:
All results are in mg/L.

TABLE G-59
ORGANICS DETECTED IN DRAIN WATER BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-DSWFB-01 09/20/00 FIELD BLANK	CDE-DSWTB-01 08/24/00 TRIP BLANK	CDE-DSWTB-01 09/20/00 TRIP BLANK	CDE-DSWTB-02 09/21/00 TRIP BLANK	CDE-DSWTB-03 09/22/00 TRIP BLANK
CONSTITUENT					
2,4,6-Trichlorophenol	U	NA	NA	NA	NA
2,6-Dinitrotoluene	U	NA	NA	NA	NA
3-Nitroaniline	U	NA	NA	NA	NA
3,3'-Dichlorobenzidine	U	NA	NA	NA	NA
4-Bromophenyl-phenylether	U	NA	NA	NA	NA
4-Chloro-3-methylphenol	U	NA	NA	NA	NA
4-Chloroaniline	U	NA	NA	NA	NA
4-Chlorophenyl-phenylether	U	NA	NA	NA	NA
4-Methyl-2-Pentanone	U	U	U	U	U
4-Methylphenol	U	NA	NA	NA	NA
4-Nitroaniline	U	NA	NA	NA	NA
4-Nitrophenol	U	NA	NA	NA	NA
4,4'-DDD	U	NA	NA	NA	NA
4,4'-DDE	U	NA	NA	NA	NA
4,4'-DDT	U	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	U	NA	NA	NA	NA
Acenaphthene	U	NA	NA	NA	NA
Acenaphthylene	U	NA	NA	NA	NA
Acetone	U	U	U	U	U
Aldrin	U	NA	NA	NA	NA
alpha-BHC	U	NA	NA	NA	NA
alpha-Chlordane	U	NA	NA	NA	NA
Anthracene	U	NA	NA	NA	NA
Aroclor-1016	U	NA	NA	NA	NA
Aroclor-1221	U	NA	NA	NA	NA
Aroclor-1232	U	NA	NA	NA	NA

301773

Notes:
All results are in mg/L.

TABLE G-59
ORGANICS DETECTED IN DRAIN WATER BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-DSWFB-01 09/20/00 FIELD BLANK	CDE-DSWTB-01 08/24/00 TRIP BLANK	CDE-DSWTB-01 09/20/00 TRIP BLANK	CDE-DSWTB-02 09/21/00 TRIP BLANK	CDE-DSWTB-03 09/22/00 TRIP BLANK
CONSTITUENT					
Aroclor-1242	U	NA	NA	NA	NA
Aroclor-1248	U	NA	NA	NA	NA
Aroclor-1254	U	NA	NA	NA	NA
Aroclor-1260	U	NA	NA	NA	NA
Benzene	U	U	U	U	U
Benzo(a)anthracene	U	NA	NA	NA	NA
Benzo(a)pyrene	U	NA	NA	NA	NA
Benzo(b)fluoranthene	U	NA	NA	NA	NA
Benzo(g,h,i)perylene	U	NA	NA	NA	NA
Benzo(k)fluoranthene	U	NA	NA	NA	NA
beta-BHC	U	NA	NA	NA	NA
Bis(2-chloro-1-methylethyl) ether	U	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	U	NA	NA	NA	NA
Bis(2-chloroethyl)ether	U	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	U	NA	NA	NA	NA
Bromochloromethane	U	U	U	U	U
Bromodichloromethane	U	U	U	U	U
Bromoform	U	U	U	U	U
Bromomethane	U	U	U	U	U
Butyl benzyl phthalate	U	NA	NA	NA	NA
Carbon disulfide	U	U	U	U	U
Carbon tetrachloride	U	U	U	U	U
Chlorobenzene	U	U	U	U	U
Chloroethane	U	U	U	U	U
Chloroform	U	U	U	U	U
Chloromethane	U	U	U	U	U

301774

Notes:
All results are in mg/L.

TABLE G-59
ORGANICS DETECTED IN DRAIN WATER BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-DSWFB-01 09/20/00 FIELD BLANK	CDE-DSWTB-01 08/24/00 TRIP BLANK	CDE-DSWTB-01 09/20/00 TRIP BLANK	CDE-DSWTB-02 09/21/00 TRIP BLANK	CDE-DSWTB-03 09/22/00 TRIP BLANK
CONSTITUENT					
Chrysene	U	NA	NA	NA	NA
cis-1,2-Dichloroethene	U	U	U	U	U
cis-1,3-Dichloropropene	U	U	U	U	U
delta-BHC	U	NA	NA	NA	NA
Di-n-butylphthalate	U	NA	NA	NA	NA
Di-n-octylphthalate	U	NA	NA	NA	NA
Dibenzofuran	U	NA	NA	NA	NA
Dibenz(a,h)anthracene	U	NA	NA	NA	NA
Dibromochloromethane	U	U	U	U	U
Dieldrin	U	NA	NA	NA	NA
Diethylphthalate	U	NA	NA	NA	NA
Dimethylphthalate	U	NA	NA	NA	NA
Endosulfan I	U	NA	NA	NA	NA
Endosulfan II	U	NA	NA	NA	NA
Endosulfan sulfate	U	NA	NA	NA	NA
Endrin	U	NA	NA	NA	NA
Endrin aldehyde	U	NA	NA	NA	NA
Endrin ketone	U	NA	NA	NA	NA
Ethylbenzene	U	U	U	U	U
Fluoranthene	U	NA	NA	NA	NA
Fluorene	U	NA	NA	NA	NA
gamma-BHC (Lindane)	U	NA	NA	NA	NA
gamma-Chlordane	U	NA	NA	NA	NA
Heptachlor	U	NA	NA	NA	NA
Heptachlor epoxide	U	NA	NA	NA	NA
Hexachlorobenzene	U	NA	NA	NA	NA

301775

Notes:
All results are in mg/L.

TABLE G-59
ORGANICS DETECTED IN DRAIN WATER BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE	CDE-DSWFB-01 09/20/00 FIELD BLANK	CDE-DSWTB-01 08/24/00 TRIP BLANK	CDE-DSWTB-01 09/20/00 TRIP BLANK	CDE-DSWTB-02 09/21/00 TRIP BLANK	CDE-DSWTB-03 09/22/00 TRIP BLANK
CONSTITUENT					
Hexachlorobutadiene	U	NA	NA	NA	NA
Hexachlorocyclopentadiene	U	NA	NA	NA	NA
Hexachloroethane	U	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	U	NA	NA	NA	NA
Isophorone	U	NA	NA	NA	NA
Methoxychlor	U	NA	NA	NA	NA
Methylene chloride	U	U	U	U	U
N-Nitroso-di-n-propylamine	U	NA	NA	NA	NA
N-Nitrosodiphenylamine (1)	U	NA	NA	NA	NA
Naphthalene	U	NA	NA	NA	NA
Nitrobenzene	U	NA	NA	NA	NA
Pentachlorophenol	U	NA	NA	NA	NA
Phenanthrene	U	NA	NA	NA	NA
Phenol	U	NA	NA	NA	NA
Pyrene	U	NA	NA	NA	NA
Styrene	U	U	U	U	U
Tetrachloroethene	U	U	U	U	U
Toluene	U	U	U	U	U
Toxaphene	U	NA	NA	NA	NA
trans-1,2-Dichloroethene	U	U	U	U	U
trans-1,3-Dichloropropene	U	U	U	U	U
Trichloroethene	U	U	U	U	U
Vinyl chloride	U	U	U	U	U
Xylene (total)	U	U	U	U	U
Total SVOC TICs	U	NA	NA	NA	NA
Total VOC TICs	U	U	5	U	U

301776

Notes:
All results are in mg/L.

TABLE G-60
INORGANICS DETECTED IN DRAIN WATER FIELD BLANKS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

FWENC SAMPLE ID SAMPLE DATE SAMPLE TYPE CONSTITUENT	CDE-DSWFB-01 09/20/00 FIELD BLANK
Aluminum	U
Antimony	U
Arsenic	U
Barium	U
Beryllium	U
Cadmium	U
Calcium	0.313
Chromium	U
Cobalt	U
Copper	U
Cyanide	U
Iron	U
Lead	U
Magnesium	U
Manganese	U
Mercury	0.00018
Nickel	U
Potassium	U
Selenium	U
Silver	0.0032
Sodium	0.0557
Thallium	U
Vanadium	U
Zinc	0.0386

301777

Notes:
All results are in mg/L.

APPENDIX H

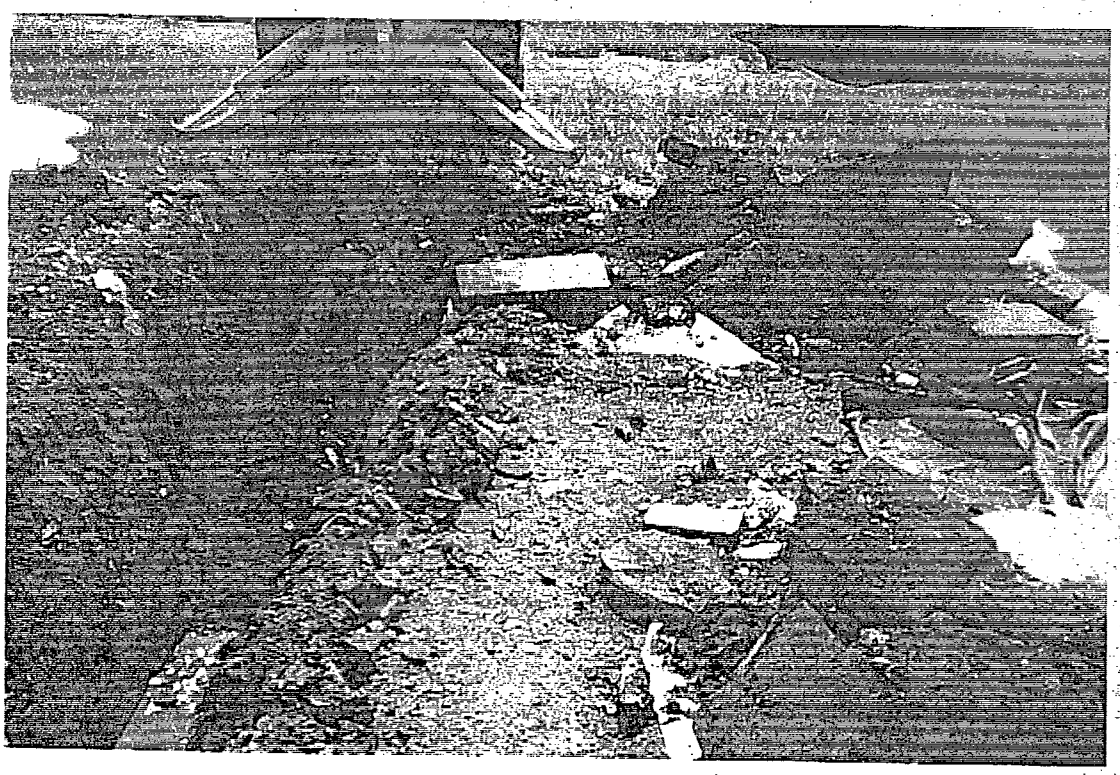
301778

APPENDIX H

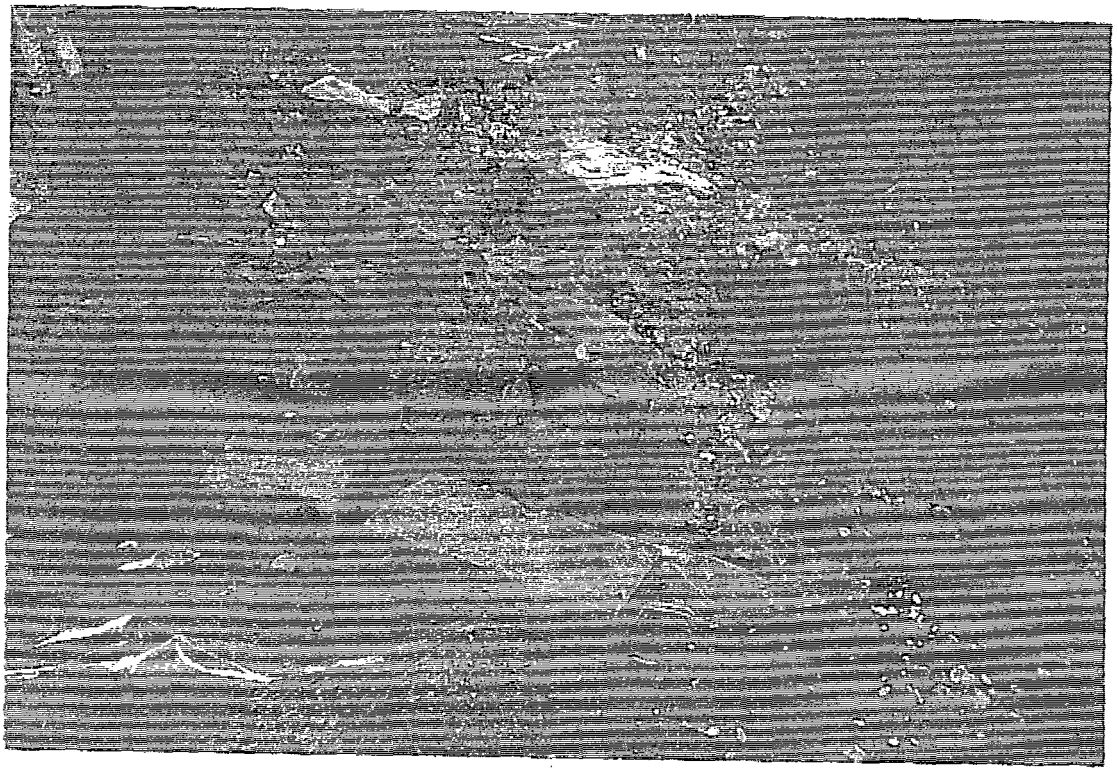
SELECTED TEST PIT EXCAVATION PHOTOGRAPHS

Test Pit TP08
Photograph shows discolored soils and some of the debris present during excavation.

Test Pit TP09
Photograph shows capacitors and other debris present during excavation.

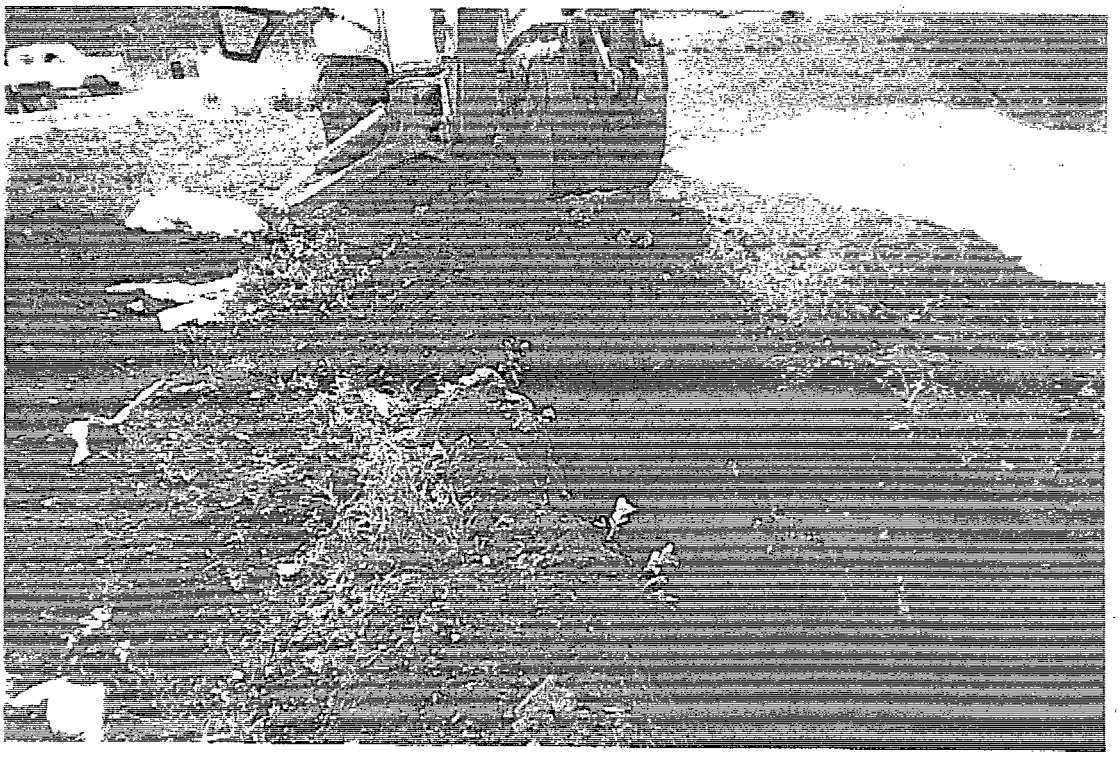


Test Pit TP09
Photograph shows capacitors and other debris present during excavation.

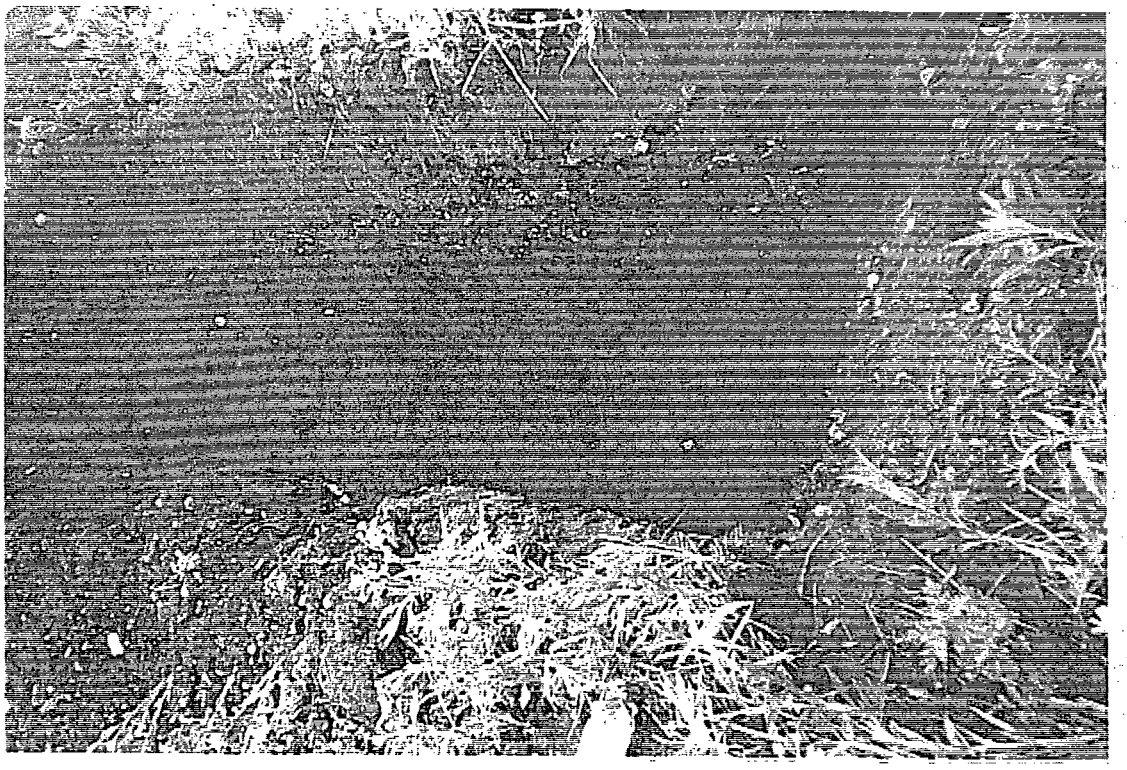


Test Pit TP09
Photograph shows condition of capacitors excavated from test pit.

Test Pit TP09
Photograph shows cardboard disks and white cylindrical objects present during excavation.



Test Pit TP10
Photograph shows discolored soils and some of the debris present during excavation.



Test Pit TP10
Photograph shows discolored soils present during excavation.

APPENDIX I

301784

APPENDIX I

HUMAN HEALTH RISK ASSESSMENT RAGS PART D TABLES

TABLE 1
SELECTION OF EXPOSURE PATHWAYS
Cornell-Dubilier Electronics Superfund Site - OU-2

Scenario Timeframe	Medium	Exposure Medium	Exposure Point	Receptor Population	Receptor Age	Exposure Route	On-Site/ Off-Site	Type of Analysis	Rationale for Selection or Exclusion of Exposure Pathway
CURRENT	SURFACE SOIL	SURFACE SOIL	SURFACE SOIL Both Area A and Area B	TRESPASSER	YOUTH	Ingestion	ON-SITE	QUANT	Evidence of trespasser activity on-site.
						Dermal	ON-SITE	QUANT	Evidence of trespasser activity on-site.
						Inhalation of Particulates	ON-SITE	QUANT	Evidence of trespasser activity on-site.
						Inhalation of Volatiles	ON-SITE	QUANT	Evidence of trespasser activity on-site.
				SITE WORKER (OUTDOOR)	ADULT	Ingestion	ON-SITE	QUANT	Current and likely future land use is industrial.
						Dermal	ON-SITE	QUANT	Current and likely future land use is industrial.
						Inhalation of Particulates	ON-SITE	QUANT	Current and likely future land use is industrial.
						Inhalation of Volatiles	ON-SITE	QUANT	Current and likely future land use is industrial.
CURRENT/ FUTURE	BUILDING DUST	BUILDING DUST	BUILDING INTERIOR	SITE WORKER (INDOOR)	ADULT	Ingestion	ON-SITE	QUANT	Current and likely future land use is industrial.
						Dermal	ON-SITE	QUANT	Current and likely future land use is industrial.
	SITE SOILS	AIR	INDOOR AIR Both Area A and Area B	SITE WORKER (INDOOR)	ADULT	Inhalation of Volatiles	ON-SITE	QUANT	Indoor air exposures associated with Areas A and B are based on current land use (i.e., existing buildings) and future landuse (i.e., future building on unpaved areas. Area A evaluated for the current scenario and both Areas are evaluated for the future scenario.
FUTURE	SITE SOILS	ALL SOILS	SURFACE AND SUBSURFACE SOIL Both Area A and Area B	TRESPASSER	YOUTH	Ingestion	ON-SITE	QUANT	Current and likely future land use is industrial.
						Dermal	ON-SITE	QUANT	Current and likely future land use is industrial.
						Inhalation of Particulates	ON-SITE	QUANT	Current and likely future land use is industrial.
						Inhalation of Volatiles	ON-SITE	QUANT	Current and likely future land use is industrial.
				SITE WORKER (OUTDOOR)	ADULT	Ingestion	ON-SITE	QUANT	Current and likely future land use is industrial.
						Dermal	ON-SITE	QUANT	Current and likely future land use is industrial.
						Inhalation of Particulates	ON-SITE	QUANT	Current and likely future land use is industrial.
						Inhalation of Volatiles	ON-SITE	QUANT	Current and likely future land use is industrial.
				CONSTRUCTION WORKER	ADULT	Ingestion	ON-SITE	QUANT	Potential redevelopment or redesign of site is plausible. Assumes construction worker would have a combined soil exposure by excavating through both soil layers
						Dermal	ON-SITE	QUANT	Potential redevelopment or redesign of site is plausible. Assumes construction worker would have a combined soil exposure by excavating through both soil layers
						Inhalation of Particulates	ON-SITE	QUANT	Potential redevelopment or redesign of site is plausible. Assumes construction worker would have a combined soil exposure by excavating through both soil layers
						Inhalation of Volatiles	ON-SITE	QUANT	Potential redevelopment or redesign of site is plausible. Assumes construction worker would have a combined soil exposure by excavating through both soil layers
	GROUNDWATER	GROUNDWATER	POTABLE	RESIDENTS	ADULT AND CHILD	Ingestion	ON-SITE	NONE	To be addressed in OU #3.
						Dermal	ON-SITE	NONE	To be addressed in OU #3.
						Inhalation of Volatiles	ON-SITE	NONE	To be addressed in OU #3.

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TABLE 2.1
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area A

CAS Number	Chemical	Minimum (1) Concentration	Minimum Qualifier	Maximum (1) Concentration	Maximum Qualifier	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background (2) Value	Screening (3) Toxicity Value		Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for (4) Contaminant Deletion or Selection
67-64-1	Acetone	0.007	J	0.045	-	mg/kg	CDE-BSB36-00	5/5	-	0.045	N/A	157	nc	16	EPA, (14)	NO	BSL
71-43-2	Benzene	0.001	J	0.001	J	mg/kg	CDE-BSB20-00 CDE-BSB29-00	2/5	0.011-0.012	0.001	N/A	0.65	ca*	0.03	EPA, (14)	YES	CARC
78-93-3	2-Butanone	0.012	J	0.012	J	mg/kg	CDE-BSB36-00	1/5	0.01-0.012	0.012	N/A	733	nc	50	NJDEP, (15)	NO	BSL
75-15-0	Carbon disulfide	0.001	J	0.001	J	mg/kg	CDE-BSB29-00	1/5	0.01-0.012	0.001	N/A	36	nc	32	EPA, (14)	NO	BSL
156-60-5	trans-1,2-Dichloroethylene	0.003	J	0.003	J	mg/kg	CDE-BSB58-00	1/5	0.01-0.012	0.003	N/A	6.3	nc	0.7	EPA, (14)	NO	BSL
156-59-2	cis-1,2-Dichloroethylene	0.032	-	0.032	-	mg/kg	CDE-BSB58-00	1/5	0.01-0.012	0.032	N/A	4.3	nc	0.4	EPA, (14)	NO	BSL
75-09-2	Methylene chloride	0.008	J	0.008	J	mg/kg	CDE-BSB36-00	1/5	0.01-0.012	0.008	N/A	8.9	ca	0.02	EPA, (14)	NO	BSL
108-88-3	Toluene	0.001	J	0.045	-	mg/kg	CDE-BSB29-00	4/5	0.011	0.045	N/A	59	nc	12	EPA, (14)	NO	BSL
79-01-6	Trichloroethene (5)	0.001	J	0.17	-	mg/kg	CDE-BSB29-00	4/5	0.01	0.17	N/A	0.052	ca	0.06	EPA, (14)	YES	ASL
92-52-4	1,1'-Biphenyl	0.045	J	0.08	J	mg/kg	CDE-BSB26-00	2/5	0.36-0.38	0.08	N/A	300	nc	-	-	NO	BSL
117-81-7	bis(2-Ethylhexyl) phthalate	0.048	J	0.048	J	mg/kg	CDE-BSB36-00	1/5	0.36-0.41	0.048	N/A	35	ca*	46	EPA, (16)	NO	BSL
86-74-8	Carbazole	0.17	J	0.93	-	mg/kg	CDE-BSB26-00	2/5	0.36-0.41	0.93	N/A	24	ca	0.6	EPA, (14)	NO	BSL
132-64-9	Dibenzofuran	0.07	J	0.55	-	mg/kg	CDE-BSB26-00	3/5	0.36-0.38	0.55	N/A	29	nc	-	-	NO	BSL
83-32-9	Acenaphthene	0.052	J	0.57	-	mg/kg	CDE-BSB26-00	3/5	0.38-0.41	0.57	N/A	368	nc	100	NJDEP, (15)	NO	BSL
208-96-8	Acenaphthylene (6)	0.065	J	0.41	-	mg/kg	CDE-BSB26-00	4/5	0.38	0.41	N/A	231	nc	100	NJDEP, (15)	NO	BSL
120-12-7	Anthracene	0.12	J	1.6	-	mg/kg	CDE-BSB26-00	4/5	0.38	1.6	N/A	2190	nc	100	NJDEP, (15)	NO	BSL
56-55-3	Benzo(a)anthracene	0.055	J	3.1	D	mg/kg	CDE-BSB26-00	5/5	-	3.1	N/A	0.62	ca	0.6	EPA, (16)	YES	ASL
50-32-8	Benzo(a)pyrene	0.07	J	2.8	D	mg/kg	CDE-BSB26-00	5/5	-	2.8	N/A	0.062	ca	0.06	EPA, (16)	YES	ASL
205-99-2	Benzo(b)fluoranthene	0.079	J	4	D	mg/kg	CDE-BSB26-00	5/5	-	4	N/A	0.62	ca	0.6	EPA, (16)	YES	ASL
191-24-2	Benzo(g,h,i)perylene (6)	0.051	J	2.2	-	mg/kg	CDE-BSB26-00	5/5	-	2.2	N/A	231	nc	100	NJDEP, (15)	NO	BSL
207-08-9	Benzo(k)fluoranthene	0.071	J	1.6	-	mg/kg	CDE-BSB26-00	5/5	-	1.6	N/A	6.2	ca	0.9	NJDEP, (17)	NO	BSL
218-01-9	Chrysene	0.093	J	3.5	D	mg/kg	CDE-BSB26-00	5/5	-	3.5	N/A	62	ca	9	NJDEP, (17)	NO	BSL
53-70-3	Dibenz(a,h)anthracene	0.096	J	0.49	-	mg/kg	CDE-BSB26-00	4/5	0.38	0.49	N/A	0.062	ca	0.06	EPA, (16)	YES	ASL
206-44-0	Fluoranthene	0.071	J	8.5	D	mg/kg	CDE-BSB26-00	5/5	-	8.5	N/A	229	nc	100	NJDEP, (15)	NO	BSL
86-73-7	Fluorene	0.039	J	0.62	-	mg/kg	CDE-BSB26-00	3/5	0.38-0.41	0.62	N/A	264	nc	100	NJDEP, (15)	NO	BSL
193-39-5	Indeno(1,2,3-cd)pyrene	0.051	J	0.97	-	mg/kg	CDE-BSB29-00	4/5	0.37	0.97	N/A	0.62	ca	0.6	EPA, (16)	YES	ASL
91-57-6	2-Methylnaphthalene (7)	0.11	J	0.43	-	mg/kg	CDE-BSB58-00	3/5	0.36-0.37	0.43	N/A	5.6	nc	84	EPA, (14)	NO	BSL
91-20-3	Naphthalene	0.037	J	0.46	-	mg/kg	CDE-BSB26-00	5/5	-	0.46	N/A	5.6	nc	84	EPA, (14)	NO	BSL
85-01-8	Phenanthrene (6)	0.13	J	7.8	D	mg/kg	CDE-BSB26-00	5/5	-	7.8	N/A	231	nc	100	NJDEP, (15)	NO	BSL
129-00-0	Pyrene	0.084	J	7.5	D	mg/kg	CDE-BSB26-00	5/5	-	7.5	N/A	231	nc	100	NJDEP, (15)	NO	BSL
309-00-2	Aldrin	0.015	-	9.2	JD	mg/kg	CDE-BSB58-00	4/5	0.002	9.2	N/A	0.03	ca*	0.04	EPA, (16)	YES	ASL
53469-21-9	Aroclor-1242	0.95	-	0.95	-	mg/kg	CDE-BSB36-00	1/5	0.036-4	0.95	N/A	0.1	nc	0.49	NJDEP, (17)	YES	ASL
11097-69-1	Aroclor-1254	0.79	-	340	D	mg/kg	CDE-BSB58-00	5/5	-	340	N/A	0.1	nc	0.49	NJDEP, (17)	YES	ASL
1336-36-3	Total PCBs (8)	0.92	-	354	-	mg/kg	CDE-BSB58-00	5/5	-	354	N/A	0.1	ca	0.49	NJDEP, (17)	YES	ASL
72-54-8	4,4'-DDD	0.0082	J	0.5	JN	mg/kg	CDE-BSB58-00	3/5	0.0036-0.0038	0.5	N/A	2.4	ca	3	EPA, (16)	NO	BSL
60-57-1	Dieldrin	0.029	-	0.029	-	mg/kg	CDE-BSB36-00	1/5	0.0036-0.4	0.029	N/A	0.03	ca	0.004	EPA, (14)	NO	BSL
1031-07-8	Endosulfan sulfate (9)	0.015	J	0.041	J	mg/kg	CDE-BSB36-00	3/5	0.0036-0.4	0.041	N/A	1.8	nc	1	EPA, (14)	NO	BSL
7421-93-4	Endrin aldehyde (9)	1.3	JN	1.3	JN	mg/kg	CDE-BSB58-00	1/5	0.0036-0.036	1.3	N/A	1.8	nc	1	EPA, (14)	NO	BSL
7429-90-5	Aluminum	5,610	J	13,900	J	mg/kg	CDE-BSB58-00	5/5	-	13,900	N/A	7,614	nc	-	-	YES	ASL
7440-36-0	Antimony	14.9	-	14.9	-	mg/kg	CDE-BSB36-00	1/5	1.4-1.6	14.9	N/A	3	nc	5	EPA, (14)	YES	ASL
7440-38-2	Arsenic	16	-	92.1	-	mg/kg	CDE-BSB26-00	5/5	-	92.1	N/A	0.4	ca*	0.4	EPA, (16)	YES	ASL
7440-39-3	Barium	61.2	-	1,170	-	mg/kg	CDE-BSB36-00	5/5	-	1,170	N/A	537	nc	700	NJDEP, (17)	YES	ASL
7440-41-7	Beryllium	0.25	B	0.25	B	mg/kg	CDE-BSB36-00	1/5	0.18-0.2	0.25	N/A	15	nc	2	EPA, (16)	NO	BSL
7440-43-9	Cadmium	0.21	B	3	-	mg/kg	CDE-BSB58-00	4/5	0.53	3	N/A	4	nc	8	EPA, (14)	NO	BSL

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TABLE 2.1
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area A

CAS Number	Chemical	Minimum (1) Concentration	Minimum Qualifier	Maximum (1) Concentration	Maximum Qualifier	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background (2) Value	Screening (3) Toxicity Value		Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for (4) Contaminant Deletion or Selection
7440-70-2	Calcium	916	B	5,060	J	mg/kg	CDE-BSB58-00	5/5	-	5,060	N/A	-		-	-	NO	NUT
7440-47-3	Chromium (total) (10)	10.4	-	26.5	-	mg/kg	CDE-BSB58-00	5/5	-	26.5	N/A	30	ca**	38	EPA, (14)	NO	BSL
7440-48-4	Cobalt	4.8	B	15.1	-	mg/kg	CDE-BSB58-00	5/5	-	15.1	N/A	469	nc	-	-	NO	BSL
7440-50-8	Copper	17.8	J	212	J	mg/kg	CDE-BSB58-00	5/5	-	212	N/A	291	nc	600	NJDEP, (17)	NO	BSL
7439-89-6	Iron	10,900	J	32,200	J	mg/kg	CDE-BSB58-00	5/5	-	32,200	N/A	2,346	nc	-	-	YES	ASL
7439-92-1	Lead (11)	45.8	J	52,600	-	mg/kg	CDE-BSB36-00	5/5	-	11,000	N/A	400		400	EPA, (16)	YES	ASL
7439-95-4	Magnesium	1,830	J	5,840	J	mg/kg	CDE-BSB58-00	5/5	-	5,840	N/A	-		-	-	NO	NUT
7439-96-5	Manganese	341	J	556	J	mg/kg	CDE-BSB58-00	5/5	-	556	N/A	176	nc	-	-	YES	ASL
7487-94-7	Mercury (12)	0.06	B	0.54	-	mg/kg	CDE-BSB36-00	3/5	0.05-0.06	0.54	N/A	2.3	nc	2	EPA, (14)	NO	BSL
7440-02-0	Nickel (13)	9.6	J	34.8	J	mg/kg	CDE-BSB58-00	5/5	-	34.8	N/A	156	nc	130	EPA, (14)	NO	BSL
7440-09-7	Potassium	561	B	2,560	J	mg/kg	CDE-BSB58-00	5/5	-	2,560	N/A	-		-	-	NO	NUT
7782-49-2	Selenium	0.54	JB	1.1	JB	mg/kg	CDE-BSB58-00	3/5	0.29-0.91	1.1	N/A	39	nc	2		NO	BSL
7440-22-4	Silver	0.93	B	2.9	-	mg/kg	CDE-BSB36-00	5/5	-	2.9	N/A	39	nc	34	EPA, (14)	NO	BSL
7440-23-5	Sodium	200	B	635	B	mg/kg	CDE-BSB29-00	5/5	-	635	N/A	-		-	-	NO	NUT
7440-28-0	Thallium	0.71	B	3.1	J	mg/kg	CDE-BSB36-00	2/5	0.44-0.46	3.1	N/A	0.5	nc	0.7	EPA, (14)	YES	ASL
7440-62-2	Vanadium	16.1	-	37.8	-	mg/kg	CDE-BSB58-00	5/5	-	37.8	N/A	55	nc	370	NJDEP, (17)	NO	BSL
7440-66-6	Zinc	71.1	J	588	J	mg/kg	CDE-BSB58-00	5/5	-	588	N/A	2,346	nc	1,500	NJDEP, (17)	NO	BSL

(1) Minimum/maximum concentration detected from the following group of samples:
CDE-BSB20-00, CDE-BSB26-00, CDE-BSB29-00, CDE-BSB36-00, CDE-BSB58-00
(2) No background values established.
(3) USEPA Region 9 Residential PRG, November 2000. - Non-cancer PRGs shown at HI of 0.1.
(4) Rationale Codes Selection Reason:
Infrequent Detection but Associated Historically (HIST)
Frequent Detection (FD)
Toxicity Information Available (TX)
Above Screening Levels (ASL)
Class A Carcinogen (CARC)
Deletion Reason:
Infrequent Detection (IFD)
Background Levels (BKG)
Essential Nutrient (NUT)
Below Screening Level (BSL)
(5) Recalculated the PRG based on NCEA noncarcinogenic and carcinogenic toxicity values.
(6) The surrogate screening value used is pyrene.
(7) The surrogate screening value used is naphthalene.
(8) Calculated using aroclor results from each sample. 1/2 the sample quantitation limit was used as a proxy concentration for purposes of summing the aroclors for Total PCBs.
(9) The surrogate screening value used is endrin.
(10) The surrogate screening value used is hexavalent chromium.
(11) The screening concentration is the mean lead value compared to the EPA Action Level for residential use.
(12) The surrogate screening value used is mercury and compounds.
(13) The surrogate screening value used is nickel soluble salts.
(14) EPA Migration to Groundwater (20 DAF) value (EPA, 2001).
(15) NJDEP Soil Cleanup Criteria Impact to Groundwater (NJDEP, 1999b).
(16) EPA Soil Screening Levels (SSLs) Direct Ingestion (EPA, 2001g).
(17) NJDEP Soil Cleanup Criteria Residential Direct Contact (NJDEP, 1999b).

Definitions:
N/A = Not Applicable
SQL = Sample Quantitation Limit
COPC = Chemical of Potential Concern
ARAR/TBC = Applicable or Relevant and Appropriate Requirement/To Be Considered
MCL = Federal Maximum Contaminant Level
SMCL = Secondary Maximum Contaminant Level
J = Estimated Value
N = Sufficient evidence that constituent is present
B = Below reporting limit for metals
D = Diluted sample
P = For pesticides, more than 25% difference between columns
nc = Non-cancer
ca = Cancer
ca* = nc HI of 1.0 would be exceeded if ca PRG value is multiplied by 100
ca** = nc HI of 1.0 would be exceeded if ca PRG value is multiplied by 10

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TABLE 2.2
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B

CAS Number	Chemical	Minimum (1) Concentration	Minimum Qualifier	Maximum (1) Concentration	Maximum Qualifier	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background (2) Value	Screening (3) Toxicity Value		Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for (4) Contaminant Deletion or Selection
67-64-1	Acetone	0.021	J	0.093	-	mg/kg	CDE-SS07-00	6/12	0.017-3	0.093	N/A	157	nc	16	EPA, (18)	NO	BSL
71-43-2	Benzene	0.009	J	0.009	J	mg/kg	CDE-SS09-00	1/12	0.011-3	0.009	N/A	0.65	ca*	0.03	EPA, (18)	YES	CARC
78-93-3	2-Butanone	0.008	J	0.014	J	mg/kg	CDE-SS09-00	2/12	0.011-3	0.014	N/A	733	nc	50	NJDEP, (19)	NO	BSL
110-82-7	Cyclohexane	0.002	J	0.002	J	mg/kg	CDE-MW09-00	1/12	0.01-3	0.002	N/A	950	nc	-	-	NO	BSL
156-60-5	trans-1,2-Dichloroethylene	0.97	J	0.97	J	mg/kg	CDE-SS04-00	2/12	0.01-0.039	0.97	N/A	6.3	nc	0.7	EPA, (18)	NO	BSL
156-59-2	cis-1,2-Dichloroethylene	0.005	J	22	J	mg/kg	CDE-SS04-00	4/12	0.01-0.039	22	N/A	4.3	nc	0.4	EPA, (18)	YES	ASL
100-41-4	Ethylbenzene	0.002	J	0.15	J	mg/kg	CDE-SS09-00	3/11	0.011-3	0.15	N/A	150	nc	13	EPA, (18)	NO	BSL
98-82-8	Isopropylbenzene	0.009	J	0.009	J	mg/kg	CDE-SS09-00	1/11	0.011-3	0.009	N/A	15.7	nc	-	-	NO	BSL
75-09-2	Methylene chloride	1.7	J	1.7	J	mg/kg	CDE-SS04-00	1/12	0.01-0.039	1.7	N/A	8.9	ca	0.02	EPA, (18)	NO	BSL
100-42-5	Styrene	0.032	J	0.032	J	mg/kg	CDE-SS09-00	1/11	0.011-3	0.032	N/A	460	nc	4	EPA, (18)	NO	BSL
127-18-4	Tetrachloroethylene (5)	0.015	J	0.43	JD	mg/kg	CDE-SS06-00	2/11	0.011-3	0.43	N/A	1.4	ca	0.06	EPA, (18)	NO	BSL
108-88-3	Toluene	0.003	J	7.5	JD	mg/kg	CDE-SS09-00	6/12	0.011-3	7.5	N/A	59	nc	12	EPA, (18)	NO	BSL
71-55-6	1,1,1-Trichloroethane	0.003	J	0.016	J	mg/kg	CDE-MW08-00	3/12	0.01-3	0.016	N/A	63	nc	2	EPA, (18)	NO	BSL
79-01-6	Trichloroethene (5)	0.002	J	1.3	J	mg/kg	CDE-SS04-00	6/12	0.011-0.039	1.3	N/A	0.052	ca	0.06	EPA, (18)	YES	ASL
75-69-4	Trichlorofluoromethane	0.004	J	0.007	J	mg/kg	CDE-SS03-00	3/12	0.01-3	0.007	N/A	39	nc	-	-	NO	BSL
1330-20-7	Xylenes (total)	0.01	J	2.7	JD	mg/kg	CDE-SS09-00	3/11	0.011-3	2.7	N/A	140	nc	67	NJDEP, (19)	NO	BSL
92-52-4	1,1'-Biphenyl	0.023	J	100	J	mg/kg	CDE-SS09-00	5/12	0.37-4.7	100	N/A	300	nc	-	-	NO	BSL
117-81-7	bis(2-Ethylhexyl) phthalate	0.064	J	19.5	D	mg/kg	CDE-SS03-00	9/12	0.37-380	19.5	N/A	35	ca*	35	EPA, (20)	NO	BSL
85-68-7	Butyl benzyl phthalate	5.8	J	17	D	mg/kg	CDE-SS03-00	4/12	0.37-380	17	N/A	1222	nc	100	NJDEP, (19)	NO	BSL
86-74-8	Carbazole	0.1	J	0.36	J	mg/kg	CDE-SS07-00	6/11	0.37-4.7	0.36	N/A	24	ca	0.6	EPA, (18)	NO	BSL
132-64-9	Dibenzofuran	0.047	J	1,700	J	mg/kg	CDE-SS09-00	7/12	0.37-4.7	1,700	N/A	29	nc	-	-	YES	ASL
84-74-2	Di-n-butyl phthalate	0.72	J	1.7	-	mg/kg	CDE-SS01-00	3/12	0.37-380	1.7	N/A	611	nc	100	NJDEP, (19)	NO	BSL
117-84-0	Di-n-octyl phthalate	0.49	J	1.2	J	mg/kg	CDE-SS04-00	3/12	0.37-380	1.2	N/A	122	nc	100	NJDEP, (19)	NO	BSL
118-74-1	Hexachlorobenzene	0.023	J	0.023	J	mg/kg	CDE-MW09-00	1/12	0.37-380	0.023	N/A	0.3	ca	0.3	EPA, (20)	NO	BSL
83-32-9	Acenaphthene	0.045	J	2,800	-	mg/kg	CDE-SS09-00	7/12	0.37-4.7	2,800	N/A	368	nc	100	NJDEP, (19)	YES	ASL
208-96-8	Acenaphthylene (6)	0.063	J	0.96	-	mg/kg	CDE-SS01-00	6/12	0.37-380	0.96	N/A	231	nc	100	NJDEP, (19)	NO	BSL
120-12-7	Anthracene	0.14	J	1,200	J	mg/kg	CDE-SS09-00	7/12	0.37-4.7	1,200	N/A	2190	nc	100	NJDEP, (19)	NO	BSL
100-52-7	Benzaldehyde	0.1	J	0.95	J	mg/kg	CDE-SS01-00	5/12	0.37-380	0.95	N/A	611	nc	-	-	NO	BSL
56-55-3	Benzo(a)anthracene	0.08	J	920	J	mg/kg	CDE-SS09-00	9/12	0.37-4.7	920	N/A	0.62	ca	0.6	EPA, (20)	YES	ASL
50-32-8	Benzo(a)pyrene	0.09	J	520	J	mg/kg	CDE-SS09-00	9/12	0.37-4.7	520	N/A	0.062	ca	0.06	EPA, (20)	YES	ASL
205-99-2	Benzo(b)fluoranthene	0.043	J	450	J	mg/kg	CDE-SS09-00	10/12	0.83-4.7	450	N/A	0.62	ca	0.6	EPA, (20)	YES	ASL
191-24-2	Benzo(g,h,i)perylene (6)	0.094	J	200	J	mg/kg	CDE-SS09-00	9/12	0.37-4.7	200	N/A	231	nc	100	NJDEP, (19)	NO	BSL
207-08-9	Benzo(k)fluoranthene	0.094	J	450	J	mg/kg	CDE-SS09-00	9/12	0.37-4.7	450	N/A	6.2	ca	0.9	NJDEP, (21)	YES	ASL
218-01-9	Chrysene	0.12	J	830	J	mg/kg	CDE-SS09-00	9/12	0.37-4.7	830	N/A	62	ca	9	NJDEP, (21)	YES	ASL
53-70-3	Dibenz(a,h)anthracene	0.079	J	66	J	mg/kg	CDE-SS09-00	7/12	0.37-4.7	66	N/A	0.062	ca	0.06	EPA, (20)	YES	ASL
206-44-0	Fluoranthene	0.053	J	4,000	JD	mg/kg	CDE-SS09-00	10/12	0.83-4.7	4,000	N/A	229	nc	100	NJDEP, (19)	YES	ASL
86-73-7	Fluorene	0.053	J	2,000	J	mg/kg	CDE-SS09-00	7/12	0.37-4.7	2,000	N/A	264	nc	100	NJDEP, (19)	YES	ASL
193-39-5	Indeno(1,2,3-cd)pyrene	0.084	J	260	J	mg/kg	CDE-SS09-00	9/12	0.37-4.7	260	N/A	0.62	ca	0.6	EPA, (20)	YES	ASL
91-57-6	2-Methylnaphthalene (7)	0.052	J	460	J	mg/kg	CDE-SS09-00	6/12	0.37-4.7	460	N/A	5.6	nc	84	EPA, (18)	YES	ASL
91-20-3	Naphthalene	0.069	J	130	J	mg/kg	CDE-SS09-00	7/12	0.37-4.7	130	N/A	5.6	nc	84	EPA, (18)	YES	ASL
85-01-8	Phenanthrene (6)	0.085	J	7,000	JD	mg/kg	CDE-SS09-00	9/12	0.37-4.7	7,000	N/A	231	nc	100	NJDEP, (19)	YES	ASL
129-00-0	Pyrene	0.056	J	2,600	J	mg/kg	CDE-SS09-00	10/12	0.83-4.7	2,600	N/A	231	nc	100	NJDEP, (19)	YES	ASL
108-95-2	Phenol	0.059	J	0.059	J	mg/kg	CDE-SS08-00	1/11	0.37-380	0.059	N/A	3666	nc	50	NJDEP, (19)	NO	BSL
98-86-2	Acetophenone	0.083	J	0.34	J	mg/kg	CDE-SS08-00	4/12	0.37-380	0.34	N/A	0.05	nc	-	-	YES	ASL

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TABLE 2.2
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B

CAS Number	Chemical	Minimum (1) Concentration	Minimum Qualifier	Maximum (1) Concentration	Maximum Qualifier	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background (2) Value	Screening (3) Toxicity Value		Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for (4) Contaminant Deletion or Selection
319-84-6	alpha-BHC	0.0036	-	2.4	-	mg/kg	CDE-MW09-00	3/12	0.0019-12	2.4	N/A	0.09	ca	0.0005	EPA, (18)	YES	ASL
5103-71-9	alpha-Chlordane (8)	0.23	JN	0.23	JN	mg/kg	CDE-SS04-00	1/9	0.0019-0.82	0.23	N/A	0.11	ca	2	EPA, (18)	YES	ASL
11097-69-1	Aroclor-1254	0.43	J	19,000	J	mg/kg	CDE-SS05-00	11/12	0.037	19,000	N/A	0.1	nc	0.49	NJDEP, (21)	YES	ASL
11096-82-5	Aroclor-1260	0.22	JN	0.22	JN	mg/kg	CDE-MW10-00	1/12	0.04-230	0.22	N/A	0.1	nc	0.49	NJDEP, (21)	YES	ASL
1336-36-3	Total PCBs (9)	0.35	-	19,815	-	mg/kg	CDE-SS05-00	12/12	-	19,815	N/A	0.1	nc	0.49	NJDEP, (21)	YES	ASL
	Dioxin-like PCBs (10)	0.000109	-	3.841	-	mg/kg	CDE-MW11-04	5/5	0.0003-28.5	3.841	N/A	0.000004	ca	-	-	YES	ASL
	Nondioxin-like PCBs (10)	0.3294	-	31,558	-	mg/kg	CDE-MW11-04	5/5	0.43-25	31,558	N/A	0.1	nc	0.49	NJDEP, (21)	YES	ASL
72-55-9	4,4'-DDE	0.0078	J	1,200	JD	mg/kg	CDE-SS05-00	7/12	0.0043-1.6	1,200	N/A	1.7	ca	2	EPA, (20)	YES	ASL
50-29-3	4,4'-DDT	42	-	42	-	mg/kg	CDE-MW09-00	1/12	0.0037-23	42	N/A	1.7	ca*	2	EPA, (20)	YES	ASL
60-57-1	Dieldrin	0.37	-	180	J	mg/kg	CDE-SS05-00	4/11	0.0037-1.6	180	N/A	0.03	ca	0.004	EPA, (18)	YES	ASL
1031-07-8	Endosulfan sulfate (11)	0.012	J	0.19	D	mg/kg	CDE-MW08-00	2/12	0.0043-23	0.19	N/A	1.8	nc	1	EPA, (18)	NO	BSL
7421-93-4	Endrin aldehyde (11)	0.13	J	120	J	mg/kg	CDE-SS05-00	5/12	0.0037-1.6	120	N/A	1.8	nc	1	EPA, (18)	YES	ASL
5103-74-2	gamma-Chlordane (12)	0.32	JN	20	JD	mg/kg	CDE-MW09-00	2/11	0.0021-12	20	N/A	1.6	ca*	2	EPA, (20)	YES	ASL
76-44-8	Heptachlor	1.9	J	1.9	J	mg/kg	CDE-MW09-00	1/12	0.0019-12	1.9	N/A	0.11	ca	0.1	EPA, (20)	YES	ASL
1024-57-3	Heptachlor epoxide	0.19	JN	250	JN	mg/kg	CDE-SS05-00	5/11	0.0019-0.82	250	N/A	0.05	ca*	0.07	EPA, (20)	YES	ASL
1746-01-6	2,3,7,8-TCDD equivalents (13)	0.00003	-	0.008392	-	mg/kg	CDE-MW09-00	3/3	-	0.008392	N/A	0.000004	ca	-	-	YES	ASL
7429-90-5	Aluminum	5,840	-	42,100	-	mg/kg	CDE-MW09-00	12/12	-	42,100	N/A	7614	nc	-	-	YES	ASL
7440-36-0	Antimony	1.7	B	10.2	B	mg/kg	CDE-MW09-00	6/10	1.2-2.5	10.2	N/A	3	nc	5	EPA, (18)	YES	ASL
7440-38-2	Arsenic	3.4	-	38.3	J	mg/kg	CDE-SS06-00	12/12	-	38.3	N/A	0.4	ca*	0.4	EPA, (20)	YES	ASL
7440-39-3	Barium	67.7	-	765	-	mg/kg	CDE-MW09-00	12/12	-	765	N/A	537	nc	700	NJDEP, (21)	YES	ASL
7440-41-7	Beryllium	0.18	B	9.2	J	mg/kg	CDE-SS01-00	11/12	0.19	9.2	N/A	15	nc	2	NJDEP, (21)	NO	BSL
7440-43-9	Cadmium	0.61	B	40.2	J	mg/kg	CDE-SS04-00	10/12	0.26-0.53	40.2	N/A	3.7	nc	8	EPA, (18)	YES	ASL
7440-70-2	Calcium	994	B	51,300	-	mg/kg	CDE-SS07-00	12/12	-	51,300	N/A	-		-	-	NO	NUT
7440-47-3	Chromium (total) (14)	8.7	J	77.5	J	mg/kg	CDE-SS04-00	12/12	-	77.5	N/A	30	ca**	38	EPA, (18)	YES	ASL
7440-48-4	Cobalt	4.3	B	30.1	J	mg/kg	CDE-SS01-00	12/12	-	30.1	N/A	469	nc	-	-	NO	BSL
7440-50-8	Copper	29.5	-	256	-	mg/kg	CDE-SS07-00	7/7	-	256	N/A	291	nc	600	NJDEP, (21)	NO	BSL
7439-89-6	Iron	9,120	J	47,700	J	mg/kg	CDE-SS01-00	12/12	-	47,700	N/A	2346	nc	-	-	YES	ASL
7439-92-1	Lead (15)	31.9	J	967	-	mg/kg	CDE-MW09-00	12/12	-	278	N/A	400		400	EPA, (20)	NO	BSL
7439-95-4	Magnesium	450	JB	12,900	-	mg/kg	CDE-SS07-00	12/12	-	12,900	N/A	-		-	-	NO	NUT
7439-96-5	Manganese	31	J	745	-	mg/kg	CDE-SS07-00	7/7	-	745	N/A	176	nc	-	-	YES	ASL
7487-94-7	Mercury (16)	0.08	B	0.705	-	mg/kg	CDE-SS03-00	9/12	0.06-0.13	0.705	N/A	2.3	nc	2	EPA, (18)	NO	BSL
7440-02-0	Nickel (17)	10.3	-	92.8	J	mg/kg	CDE-SS01-00	12/12	-	92.8	N/A	156	nc	130	EPA, (18)	NO	BSL
7440-09-7	Potassium	465	JB	2,920	J	mg/kg	CDE-SS07-00	12/12	-	2,920	N/A	-		-	-	NO	NUT
7782-49-2	Selenium	0.9	B	2.8	-	mg/kg	CDE-SS03-00 CDE-SS04-00	7/12	0.93-2	2.8	N/A	39	nc	5	EPA, (18)	NO	BSL
7440-22-4	Silver	0.97	B	26.8	J	mg/kg	CDE-MW09-00	12/12	-	26.8	N/A	39	nc	34	EPA, (18)	NO	BSL
7440-23-5	Sodium	110	B	774	JB	mg/kg	CDE-SS01-00	10/12	128-131	774	N/A	-		-	-	NO	NUT
7440-28-0	Thallium	2.2	B	7.6	J	mg/kg	CDE-SS06-00	2/12	0.46-2.6	7.6	N/A	0.5	nc	0.7	EPA, (18)	YES	ASL
7440-62-2	Vanadium	15.7	-	87.9	J	mg/kg	CDE-SS01-00	12/12	-	87.9	N/A	55	nc	370	NJDEP, (21)	YES	ASL
7440-66-6	Zinc	45.2	-	1,550	J	mg/kg	CDE-MW09-00	12/12	-	1,550	N/A	2346	nc	1500	NJDEP, (21)	NO	BSL
74-90-8	Cyanide	0.25	B	7.6	-	mg/kg	CDE-SS05-00	6/12	0.15-0.55	7.6	N/A	1.1	nc	40	EPA, (18)	YES	ASL

(1) Minimum/maximum concentration detected from the following group of samples: CDE-MW08-00, CDE-MW09-00, CDE-MW10-00, CDE-SS01-00, CDE-SS02-00, CDE-SS03-00, CDE-SS04-00, CDE-SS05-00, CDE-SS06-00, CDE-SS07-00, CDE-SS08-00, CDE-SS09-00

Definitions: N/A = Not Applicable
SQL = Sample Quantitation Limit

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TABLE 2.2
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B

CAS Number	Chemical	Minimum (1) Concentration	Minimum Qualifier	Maximum (1) Concentration	Maximum Qualifier	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background (2) Value	Screening (3) Toxicity Value	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for (4) Contaminant Deletion or Selection

(2) No background values established.
(3) USEPA Region 9 Residential PRG, November 2000. - Non-cancer PRGs shown at HI of 0.1.
(4) Rationale Codes Selection Reason: Infrequent Detection but Associated Historically (HIST)
Frequent Detection (FD)
Toxicity Information Available (TX)
Above Screening Levels (ASL)
Class A Carcinogen (CARC)
Deletion Reason: Infrequent Detection (IFD)
Background Levels (BKG)
Essential Nutrient (NUT)
Below Screening Level (BSL)

COPC = Chemical of Potential Concern
ARAR/TBC = Applicable or Relevant and Appropriate Requirement/To Be Considered
MCL = Federal Maximum Contaminant Level
SMCL = Secondary Maximum Contaminant Level
J = Estimated Value
N = Sufficient evidence that constituent is present
B = Below reporting limit for metals
D = Diluted sample
P = For pesticides, more than 25% difference between columns
nc = Non-cancer
ca = Cancer
ca* = nc HI of 1.0 would be exceeded if ca PRG value is multiplied by 100
ca** = nc HI of 1.0 would be exceeded if ca PRG value is multiplied by 10

(5) Recalculated the PRG based on NCEA noncarcinogenic and carcinogenic toxicity values.
(6) The surrogate screening value used is pyrene.
(7) The surrogate screening value used is naphthalene.
(8) The surrogate screening value used is heptaclor.
(9) Calculated using aroclor results from each sample. 1/2 the sample quantitation limit was used as a proxy concentration for purposes of summing the aroclors for Total PCBs.
(10) Calculated using PCB congener analysis, see Appendix K.
(11) The surrogate screening value used is endrin.
(12) The surrogate screening value used is chlordane.
(13) Calculated using dioxin congener analysis, see Appendix J.
(14) The surrogate screening value used is hexavalent chromium.
(15) The screening concentration is the mean lead value compared to the EPA Action Level for residential use.
(16) The surrogate screening value used is mercury and compounds.
(17) The surrogate screening value used is nickel soluble salts.
(18) EPA Migration to Groundwater (20 DAF) value (EPA, 2001g).
(19) NJDEP Soil Cleanup Criteria Impact to Groundwater (NJDEP, 1999b).
(20) EPA Soil Screening Levels (SSLs) Direct Ingestion (EPA, 2001).
(21) NJDEP Soil Cleanup Criteria Residential Direct Contact (NJDEP, 1999b).

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TABLE 2.3
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: All Soil
Exposure Medium: All Soil
Exposure Point: Area A

CAS Number	Chemical	Minimum (1) Concentration	Minimum Qualifier	Maximum (1) Concentration	Maximum Qualifier	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background (2) Value	Screening (3) Toxicity Value		Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for (4) Contaminant Deletion or Selection
67-64-1	Acetone	0.004	J	0.45	J	mg/kg	CDE-MW07-00	34/101	0.01-0.395	0.45	N/A	157	nc	16	EPA, (18)	NO	BSL
71-43-2	Benzene	0.001	J	0.001	J	mg/kg	CDE-BSB20-00	5/99	0.009-0.021	0.001	N/A	0.65	ca*	0.03	EPA, (18)	YES	CARC
							CDE-BSB20-12										
							CDE-BSB29-00										
							CDE-BSB29-12										
							CDE-MW01A-00										
78-93-3	2-Butanone	0.002	J	0.076	J	mg/kg	CDE-BSB18-00	23/101	0.009-0.021	0.076	N/A	733	nc	50	NJDEP, (19)	NO	BSL
75-15-0	Carbon disulfide	0.001	J	0.004	J	mg/kg	CDE-BSB48-00	15/100	0.009-0.395	0.0055	N/A	36	nc	32	EPA, (18)	NO	BSL
67-66-3	Chloroform	0.001	J	0.003	J	mg/kg	CDE-BSB27-12	3/100	0.009-0.023	0.003	N/A	0.24	ca**	0.3	EPA, (18)	NO	IFD, BSL
110-82-7	Cyclohexane	0.003	J	0.007	J	mg/kg	CDE-BSB12-00	3/100	0.009-0.021	0.007	N/A	950	nc	-	-	NO	IFD, BSL
95-50-1	1,2-Dichlorobenzene	0.003	J	0.003	J	mg/kg	CDE-BSB76-00	1/98	0.007-0.021	0.003	N/A	90	nc	17	EPA, (18)	NO	IFD, BSL
75-34-3	1,1-Dichloroethane	0.002	J	0.002	J	mg/kg	CDE-BSB52-00	1/100	0.009-0.395	0.002	N/A	59	nc	10	NJDEP, (19)	NO	IFD, BSL
156-60-5	trans-1,2-Dichloroethylene	0.003	J	0.003	J	mg/kg	CDE-BSB58-00	1/99	0.009-0.023	0.003	N/A	6.3	nc	0.7	EPA, (18)	NO	IFD, BSL
75-35-4	1,1-Dichloroethylene	0.001	J	0.001	J	mg/kg	CDE-BSB52-00	1/100	0.009-0.99	0.001	N/A	0.05	ca	0.06	EPA, (18)	NO	IFD, BSL
156-59-2	cis-1,2-Dichloroethylene	0.001	J	0.032		mg/kg	CDE-BSB58-00	12/99	0.009-0.023	0.032	N/A	4.3	nc	0.4	EPA, (18)	NO	BSL
100-41-4	Ethylbenzene	0.001	J	0.002	J	mg/kg	CDE-BSB56-00	4/98	0.009-0.021	0.002	N/A	150	nc	13	EPA, (18)	NO	IFD, BSL
98-82-8	Isopropylbenzene	0.004	J	0.006	J	mg/kg	CDE-MW02A-06	3/98	0.009-0.395	0.006	N/A	16	nc	-	-	NO	IFD, BSL
79-20-9	Methyl acetate	0.001	J	0.015		mg/kg	CDE-MW07-00	12/100	0.009-0.021	0.015	N/A	2,209	nc	-	-	NO	BSL
							CDE-BSB12-00										
1634-04-4	Methyl tert-butyl ether	0.001	J	0.0035	J	mg/kg	CDE-BSB48-00	3/99	0.00006-0.023	0.0035	N/A	-		-	-	NO	IFD
108-10-1	4-Methyl-2-pentanone	0.002	J	0.005	J	mg/kg	CDE-MW01-02	6/98	0.009-0.395	0.005	N/A	79	nc	50	NJDEP, (19)	NO	BSL
108-87-2	Methylcyclohexane	0.001	J	0.0095	J	mg/kg	CDE-MW02-02	8/100	0.009-0.084	0.0095	N/A	259	nc	-	-	NO	BSL
75-09-2	Methylene chloride	0.002	J	0.021	J	mg/kg	CDE-BSB18-12	20/101	0.009-0.395	0.021	N/A	8.9	ca	0.02	EPA, (18)	NO	BSL
127-18-4	Tetrachloroethylene (5)	0.002	J	0.014	J	mg/kg	CDE-BSB52-00	7/98	0.009-0.0395	0.014	N/A	1.4	ca	0.06	EPA, (18)	NO	BSL
108-88-3	Toluene	0.001	J	0.045	J	mg/kg	CDE-BSB43-12	46/100	0.009-0.017	0.045	N/A	59	nc	12	EPA, (18)	NO	BSL
120-82-1	1,2,4-Trichlorobenzene	0.001	J	0.001	J	mg/kg	CDE-MW01A-00	1/98	0.009-0.395	0.001	N/A	65	nc	5	EPA, (18)	NO	IFD, BSL
71-55-6	1,1,1-Trichloroethane	0.001	J	0.16	J	mg/kg	CDE-BSB52-00	15/101	0.0055-0.023	0.16	N/A	63	nc	2	EPA, (18)	NO	BSL
79-01-6	Trichloroethene (5)	0.001	J	0.25	J	mg/kg	CDE-BSB18-00	52/100	0.009-0.017	0.25	N/A	0.052	ca	0.06	EPA, (18)	YES	ASL
75-69-4	Trichlorofluoromethane	0.001	J	0.004	J	mg/kg	CDE-MW02-00	9/93	0.009-0.023	0.004	N/A	39	nc	-	-	NO	BSL
1330-20-7	Xylenes (total)	0.001	J	0.003	J	mg/kg	CDE-BSB05-00	13/97	0.009-0.7305	0.003	N/A	140	nc	67	NJDEP, (19)	NO	BSL
92-52-4	1,1'-Biphenyl	0.045	J	0.088	J	mg/kg	CDE-BSB29-12	6/100	0.34-5.6	0.088	N/A	300	nc	-	-	NO	BSL
117-81-7	bis(2-Ethylhexyl) phthalate	0.02	J	1.6		mg/kg	CDE-BSB76-00	25/100	0.35-5.6	1.6	N/A	35	ca*	46	EPA, (20)	NO	BSL
85-68-7	Butyl benzyl phthalate	0.077	J	0.95	J	mg/kg	CDE-BSB15-00	4/100	0.34-5.6	0.95	N/A	1,222	nc	100	NJDEP, (19)	NO	IFD, BSL
105-60-2	Caprolactam	0.1	J	0.1	J	mg/kg	CDE-BSB76-00	1/100	0.0105-5.6	0.1	N/A	3,055	nc	-	-	NO	IFD, BSL
86-74-8	Carbazole	0.062	J	2	J	mg/kg	CDE-BSB02-00	13/100	0.34-4	2	N/A	24	ca	0.6	EPA, (18)	NO	BSL
132-64-9	Dibenzofuran	0.054	J	2	J	mg/kg	CDE-BSB56-12	21/100	0.34-3.9	2	N/A	29	nc	-	-	NO	BSL
84-66-2	Diethyl phthalate	0.16	J	0.16	J	mg/kg	CDE-BSB76-00	1/100	0.34-5.6	0.16	N/A	4,888	nc	50	NJDEP, (19)	NO	IFD, BSL
131-11-3	Dimethyl phthalate	0.16	J	9.2	J	mg/kg	CDE-BSB15-00	4/100	0.0105-5.6	9.2	N/A	61,000	nc	50	NJDEP, (19)	NO	IFD, BSL
84-74-2	Di-n-butyl phthalate	0.039	J	0.14	J	mg/kg	CDE-BSB67-00	12/100	0.35-5.6	0.14	N/A	611	nc	100	NJDEP, (19)	NO	BSL
117-84-0	Di-n-octyl phthalate	0.05	J	0.12	J	mg/kg	CDE-BSB67-00	2/100	0.34-5.6	0.12	N/A	122	nc	100	NJDEP, (19)	NO	IFD, BSL
83-32-9	Acenaphthene	0.052	J	1.5	J	mg/kg	CDE-MW07-00	16/100	0.34-4	1.5	N/A	368	nc	100	NJDEP, (19)	NO	BSL
208-96-8	Acenaphthylene (6)	0.04	J	3.3	J	mg/kg	CDE-MW07-00	13/99	0.34-4.1	3.3	N/A	231	nc	100	NJDEP, (19)	NO	BSL
120-12-7	Anthracene	0.041	J	5.9		mg/kg	CDE-MW07-00	26/100	0.0105-4	5.9	N/A	2,190	nc	100	NJDEP, (19)	NO	BSL
100-52-7	Benzaldehyde	0.04	J	0.79	J	mg/kg	CDE-BSB15-00	6/100	0.34-5.6	0.79	N/A	611	nc	-	-	NO	BSL
56-55-3	Benzo(a)anthracene	0.043	J	16		mg/kg	CDE-MW07-00	48/100	0.0105-1.9	16	N/A	0.62	ca	0.9	EPA, (20)	YES	ASL
50-32-8	Benzo(a)pyrene	0.043	J	14		mg/kg	CDE-MW07-00	45/100	0.0105-3.9	14	N/A	0.062	ca	0.09	EPA, (20)	YES	ASL

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TABLE 2.3
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: All Soil
Exposure Medium: All Soil
Exposure Point: Area A

CAS Number	Chemical	Minimum (1) Concentration	Minimum Qualifier	Maximum (1) Concentration	Maximum Qualifier	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background (2) Value	Screening (3) Toxicity Value		Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for (4) Contaminant Deletion or Selection
205-99-2	Benzo(b)fluoranthene	0.041	J	6.7		mg/kg	CDE-BSB02-00	44/99	0.35-5.6	6.7	N/A	0.62	ca	0.9	EPA, (20)	YES	ASL
191-24-2	Benzo(g,h,i)perylene (6)	0.05	J	6		mg/kg	CDE-MW07-00	32/99	0.35-4.1	6	N/A	231	nc	100	NJDEP, (19)	NO	BSL
207-08-9	Benzo(k)fluoranthene	0.042	J	19		mg/kg	CDE-MW07-00	40/99	0.0105-1.9	19	N/A	6.2	ca	0.9	NJDEP, (21)	YES	ASL
218-01-9	Chrysene	0.037	J	19		mg/kg	CDE-MW07-00	52/99	0.35-13.5	19	N/A	62	ca	9	NJDEP, (21)	NO	BSL
53-70-3	Dibenz(a,h)anthracene	0.042	J	2.1	J	mg/kg	CDE-MW07-00	22/100	0.0105-4	2.1	N/A	0.062	ca	0.09	EPA, (20)	YES	ASL
206-44-0	Fluoranthene	0.0105	J	43		mg/kg	CDE-MW07-00	56/99	0.35-1.9	43	N/A	229	nc	100	NJDEP, (19)	NO	BSL
86-73-7	Fluorene	0.038	J	2.7	J	mg/kg	CDE-MW07-00	20/100	0.0105-4	2.7	N/A	264	nc	100	NJDEP, (19)	NO	BSL
193-39-5	Indeno(1,2,3-cd)pyrene	0.041	J	6		mg/kg	CDE-MW07-00	32/99	0.0395-4	6	N/A	0.62	ca	0.9	EPA, (20)	YES	ASL
91-57-6	2-Methylnaphthalene (7)	0.042	J	5.7		mg/kg	CDE-BSB56-12	31/100	0.0105-3.9	5.7	N/A	5.6	nc	84	EPA, (18)	YES	ASL
91-20-3	Naphthalene	0.037	J	3.6	J	mg/kg	CDE-BSB56-12	22/100	0.34-3.9	3.6	N/A	5.6	nc	84	EPA, (18)	NO	BSL
85-01-8	Phenanthrene (6)	0.046	J	23		mg/kg	CDE-MW07-00	54/100	0.34-1.9	23	N/A	231	nc	100	NJDEP, (19)	NO	BSL
129-00-0	Pyrene	0.0105	J	51	D	mg/kg	CDE-MW07-00	56/100	0.35-1.9	51	N/A	231	nc	100	NJDEP, (19)	NO	BSL
108-95-2	Phenol	0.056	J	0.056	J	mg/kg	CDE-BSB26-12	1/98	0.232-5.6	0.056	N/A	3,666	nc	50	NJDEP, (19)	NO	IFD, BSL
98-86-2	Acetophenone	0.055	J	0.38	J	mg/kg	CDE-BSB76-00	4/100	0.34-5.6	0.38	N/A	0.049	nc	-	-	NO	IFD
309-00-2	Aldrin	0.0022		27		mg/kg	CDE-BSB24-00	39/87	0.0018-0.8	27	N/A	0.03	ca*	0.04	EPA, (20)	YES	ASL
319-84-6	alpha-BHC	0.0005	J	1.5	JD	mg/kg	CDE-BSB59-00	14/98	0.0018-2.1	1.5	N/A	0.09	ca	0.0005	EPA, (18)	YES	ASL
5103-71-9	alpha-Chlordane (8)	0.0031	JN	0.77	JN	mg/kg	CDE-BSB56-00	7/96	0.0018-2.1	0.77	N/A	0.11	ca	0.5	EPA, (20)	YES	ASL
53469-21-9	Aroclor-1242	0.2	J	140	JD	mg/kg	CDE-BSB31-00	13/99	0.034-41	140	N/A	0.1	ca	0.49	NJDEP, (21)	YES	ASL
12672-29-6	Aroclor-1248	0.028	J	1,100	JD	mg/kg	CDE-BSB24-00	8/99	0.0111-41	1,100	N/A	0.1	ca	0.49	NJDEP, (21)	YES	ASL
11097-69-1	Aroclor-1254	0.00015	D	1,000	D	mg/kg	CDE-BSB02-00	88/97	0.035-0.043	1,000	N/A	0.1	ca	0.49	NJDEP, (21)	YES	ASL
11096-82-5	Aroclor-1260	0.25	J	2.9	JD	mg/kg	CDE-BSB22-00	2/99	0.00071-41	2.9	N/A	0.1	ca	0.49	NJDEP, (21)	NO	IFD
1336-36-3	Total PCBs (9)	0.14		1,329		mg/kg	CDE-BSB24-00	99/99	-	1,329	N/A	0.1	ca	0.49	NJDEP, (21)	YES	ASL
319-85-7	beta-BHC	0.0024	J	0.029		mg/kg	CDE-BSB18-00	6/92	0.0018-2.1	0.029	N/A	0.3	ca	0.003	EPA, (18)	NO	BSL
72-54-8	4,4'-DDD	0.0051	JN	0.5	JN	mg/kg	CDE-BSB58-00	6/100	0.0034-4.1	0.5	N/A	2.4	ca	3	EPA, (20)	NO	BSL
72-55-9	4,4'-DDE	0.0044	JN	12	JN	mg/kg	CDE-BSB02-00	30/87	0.0035-0.52	12	N/A	1.7	ca	2	EPA, (20)	YES	ASL
50-29-3	4,4'-DDT	0.0105	JN	0.41	JND	mg/kg	CDE-BSB69-00	4/95	0.0035-4.1	0.41	N/A	1.7	ca*	2	EPA, (20)	NO	IFD
319-86-8	delta-BHC (10)	0.0021	J	0.011	JN	mg/kg	CDE-BSB21-00	5/98	0.0018-2.1	0.011	N/A	0.44	ca*	0.009	EPA, (18)	NO	BSL
60-57-1	Dieldrin	0.0034	J	43		mg/kg	CDE-BSB02-00	22/94	0.0034-3.6	43	N/A	0.03	ca	0.004	EPA, (18)	YES	ASL
33213-65-9	Endosulfan II (11)	0.01	J	0.12	JD	mg/kg	CDE-BSB22-00	2/89	0.0035-4.1	0.12	N/A	37	nc	18	EPA, (18)	NO	IFD, BSL
1031-07-8	Endosulfan sulfate (12)	0.0022	J	2.5	JD	mg/kg	CDE-BSB31-00	28/89	0.0034-4.1	2.5	N/A	1.8	nc	1	EPA, (18)	YES	ASL
72-20-8	Endrin	0.0051	J	26	JD	mg/kg	CDE-BSB41A-00	18/88	0.0035-4.1	26	N/A	1.8	nc	1	EPA, (18)	YES	ASL
7421-93-4	Endrin aldehyde (12)	0.0019	JN	1.3	JN	mg/kg	CDE-BSB41A-00 CDE-BSB58-00	16/90	0.00053-4.1	1.3	N/A	1.8	nc	1	EPA, (18)	NO	BSL
53494-70-5	Endrin ketone (12)	0.0031	JN	0.052		mg/kg	CDE-BSB72-00	3/97	0.00051-4.1	0.052	N/A	1.8	nc	1	EPA, (18)	NO	BSL
58-89-9	gamma-BHC (Lindane)	0.010	J	0.010	J	mg/kg	CDE-BSB59-00	1/98	0.0018-2.1	0.010	N/A	0.44	ca*	0.009	EPA, (18)	NO	IFD, BSL
5103-74-2	gamma-Chlordane(13)	0.006	J	0.006	J	mg/kg	CDE-BSB12-00	1/68	0.0018-2.1	0.006	N/A	1.6	ca*	0.5	EPA, (20)	NO	BSL
76-44-8	Heptachlor	0.0073	JN	32	JND	mg/kg	CDE-BSB24-00	9/99	0.0018-2.1	32	N/A	0.11	ca	0.1	EPA, (20)	YES	ASL
1024-57-3	Heptachlor epoxide	0.0054	JN	7.3	JND	mg/kg	CDE-BSB56-00	13/84	0.0018-1.9	7.3	N/A	0.05	ca*	0.07	EPA, (20)	YES	ASL
72-43-5	Methoxychlor	0.034	J	0.044		mg/kg	CDE-BSB53-00	3/99	0.0038-21	0.044	N/A	31	nc	50	NJDEP, (19)	NO	IFD, BSL
7429-90-5	Aluminum	534		60,200		mg/kg	CDE-BSB41A-00	101/101	-	60,200	N/A	7,614	nc	-	-	YES	ASL
7440-36-0	Antimony	0.41	JB	26.4		mg/kg	CDE-BSB56-00	36/101	0.37-2.2	26.4	N/A	3	nc	14	NJDEP, (21)	YES	ASL
7440-38-2	Arsenic	0.6	B	92.1		mg/kg	CDE-BSB26-00	96/101	0.75-1.5	92.1	N/A	0.4	ca*	0.4	EPA, (20)	YES	ASL
7440-39-3	Barium	8.8	B	1,560		mg/kg	CDE-BSB56-00	101/101	-	1,560	N/A	537	nc	700	NJDEP, (21)	YES	ASL
7440-41-7	Beryllium	0.09	B	1.6		mg/kg	CDE-BSB17-00	91/101	0.17-0.2	1.6	N/A	15	nc	0.1	EPA, (20)	NO	BSL
7440-43-9	Cadmium	0.21	B	162		mg/kg	CDE-BSB02-00	45/101	0.09-0.9	162	N/A	3.7	nc	8	EPA, (18)	YES	ASL
7440-70-2	Calcium	515	B	58,800	J	mg/kg	CDE-BSB24-00	101/101	-	58,800	N/A	-		-	-	NO	NUT

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ABLE 2.3

OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: All Soil
Exposure Medium: All Soil
Exposure Point: Area A

CAS Number	Chemical	Minimum (1) Concentration	Minimum Qualifier	Maximum (1) Concentration	Maximum Qualifier	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background (2) Value	Screening (3) Toxicity Value		Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for (4) Contaminant Deletion or Selection
7440-47-3	Chromium (total) (14)	4.7		129	J	mg/kg	CDE-BSB16-00	101/101	-	129	N/A	30	ca	38	EPA, (18)	YES	ASL
7440-48-4	Cobalt	0.65	B	96.8		mg/kg	CDE-BSB16-00	101/101	-	96.8	N/A	469	nc	-	-	NO	BSL
7440-50-8	Copper	4.4	B	2,630		mg/kg	CDE-BSB41A-00	101/101	-	2,630	N/A	291	nc	600	NJDEP, (21)	YES	ASL
7439-89-6	Iron	4,600		147,000		mg/kg	CDE-BSB43-00	101/101	-	147,000	N/A	2,346	nc	-	-	YES	ASL
7439-92-1	Lead (15)	6.6	J	52,600		mg/kg	CDE-BSB36-00	101/101	-	795	N/A	400		400	EPA, (18)	YES	ASL
7439-95-4	Magnesium	71.1	B	17,000		mg/kg	CDE-BSB77-00	101/101	-	17,000	N/A	-		-	-	NO	NUT
7439-96-5	Manganese	10.4		2,050		mg/kg	CDE-BSB22-12	101/101	-	2,050	N/A	176	nc	-	-	YES	ASL
7487-94-7	Mercury (16)	0.05	B	8.1	J	mg/kg	CDE-BSB02-00	48/90	0.038-0.44	8.1	N/A	2.3	nc	14	NJDEP, (21)	YES	ASL
7440-02-0	Nickel (17)	1.7	B	377		mg/kg	CDE-BSB02-00	101/101	-	377	N/A	156	nc	130	EPA, (18)	YES	ASL
7440-09-7	Potassium	171	B	6,180		mg/kg	CDE-BSB17-00	101/101	-	6,180	N/A	-		-	-	NO	NUT
7782-49-2	Selenium	0.465	JB	1.8	J	mg/kg	CDE-BSB58-12 CDE-BSB77-00	24/101	0.29-2.3	1.8	N/A	39	nc	5	EPA, (18)	NO	BSL
7440-22-4	Silver	0.18	B	34.4		mg/kg	CDE-BSB21-00	41/101	0.12-0.79	34.4	N/A	39	nc	34	EPA, (18)	NO	BSL
7440-23-5	Sodium	83.7	B	1,530		mg/kg	CDE-BSB77-00	99/101	71.4-73.2	1,530	N/A	-		-	-	NO	NUT
7440-28-0	Thallium	0.71	B	12.9		mg/kg	CDE-MW02-00	49/101	0.43-2.1	12.9	N/A	0.5	nc	0.7	EPA, (18)	YES	ASL
7440-62-2	Vanadium	2.1	B	244		mg/kg	CDE-BSB72-00	101/101	-	244	N/A	55	nc	370	NJDEP, (21)	YES	ASL
7440-66-6	Zinc	10		1,610		mg/kg	CDE-BSB24-00	97/97	-	1,610	N/A	2,346	nc	1,500	NJDEP, (21)	NO	BSL
74-90-8	Cyanide	0.066	B	6.8		mg/kg	CDE-BSB16-00	23/100	0.14-0.32	6.8	N/A	1.1	nc	40	EPA, (18)	YES	ASL

(1) Minimum/maximum concentration detected from the following group of samples:
CDE-BSB01-00, CDE-BSB02-00, CDE-BSB03-00, CDE-BSB05-00, CDE-BSB06-00, CDE-BSB07-00, CDE-BSB08-00, CDE-BSB09-00, CDE-BSB09-12, CDE-BSB12-00, CDE-BSB14-00, CDE-BSB15-00, CDE-BSB16-00, CDE-BSB17-00, CDE-BSB18-00, CDE-BSB18-12, CDE-BSB19-00, CDE-BSB20-00, CDE-BSB20-12, CDE-BSB21-00, CDE-BSB22-00, CDE-BSB22-12, CDE-BSB24-00, CDE-BSB26-00, CDE-BSB26-12, CDE-BSB27-00, CDE-BSB27-12, CDE-BSB28-00, CDE-BSB28-12, CDE-BSB29-00, CDE-BSB29-12, CDE-BSB30-00, CDE-BSB30-12, CDE-BSB31-00, CDE-BSB31-12, CDE-BSB33-00, CDE-BSB33-12, CDE-BSB34-00, CDE-BSB34-12, CDE-BSB35-00 CDE-BSB36-00, CDE-BSB36-12, CDE-BSB37-00, CDE-BSB39-00, CDE-BSB39-12, CDE-BSB40-00, CDE-BSB41-00, CDE-BSB41-12, CDE-BSB41A-00, CDE-BSB42-00 CDE-BSB43-00, CDE-BSB43-12, CDE-BSB44-00, CDE-BSB45-00, CDE-BSB46-00, CDE-BSB47-00, CDE-BSB48-00, CDE-BSB48-12, CDE-BSB52-00, CDE-BSB52-12 CDE-BSB53-00, CDE-BSB54-00, CDE-BSB56-00, CDE-BSB56-12, CDE-BSB58-00, CDE-BSB58-12, CDE-BSB59-00, CDE-BSB62-00, CDE-BSB63-00, CDE-BSB66-00, CDE-BSB67-00, CDE-BSB68-00, CDE-BSB68-12, CDE-BSB69-00, CDE-BSB71-00, CDE-BSB71-12, CDE-BSB72-00, CDE-BSB73-00, CDE-BSB73-12, CDE-BSB74-00, CDE-BSB74-12, CDE-BSB76-00, CDE-BSB77-00, CDE-MW01-00, CDE-MW01-02, CDE-MW01-04, CDE-MW01A-00, CDE-MW02-00, CDE-MW02-02, CDE-MW02-04, CDE-MW02A-04, CDE-MW02A-06, CDE-MW02A-08, CDE-MW03-00, CDE-MW03-02, CDE-MW03-04, CDE-MW03-06, CDE-MW07-00, CDE-MW07-02, CDE-MW07-04
(2) No background values established.
(3) USEPA Region 9 Residential PRG, November 2000. - Non-cancer PRGs shown at HI of 0.1.
(4) Rationale Codes Selection Reason: Infrequent Detection but Associated Historically (HIST)
Frequent Detection (FD)
Toxicity Information Available (TX)
Above Screening Levels (ASL)
Class A Carcinogen (CARC)
Deletion Reason: Infrequent Detection (IFD)
Background Levels (BKG)
Essential Nutrient (NUT)
Below Screening Level (BSL)

Definitions:
N/A = Not Applicable
SQL = Sample Quantitation Limit
COPC = Chemical of Potential Concern
ARAR/TBC = Applicable or Relevant and Appropriate Requirement/To Be Cons
MCL = Federal Maximum Contaminant Level
SMCL = Secondary Maximum Contaminant Level
J = Estimated Value
N = Sufficient evidence that constituent is present
B = Below reporting limit for metals
D = Diluted sample
P = For pesticides, more than 25% difference between columns
nc = Non-cancer
ca = Cancer
ca* = nc HI of 1.0 would be exceeded if ca PRG value is multiplied by 100
ca** = nc HI of 1.0 would be exceeded if ca PRG value is multiplied by 10

(5) Recalculated the PRG based on NCEA noncarcinogenic and carcinogenic toxicity values, see Appendix E.
(6) The surrogate screening value used is pyrene.
(7) The surrogate screening value used is naphthalene.
(8) The surrogate screening value used is heptaclor.
(9) Calculated using aroclor results from each sample. 1/2 the sample quantitation limit was used as a proxy concentration for purposes of summing the aroclors for Total PCBs.

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TABLE 2.3
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: All Soil
Exposure Medium: All Soil
Exposure Point: Area A

CAS Number	Chemical	Minimum (1) Concentration	Minimum Qualifier	Maximum (1) Concentration	Maximum Qualifier	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background (2) Value	Screening (3) Toxicity Value	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for (4) Contaminant Deletion or Selection

(10) The surrogate screening value used is gamma BHC.
(11) The surrogate screening value used is endosulfan.
(12) The surrogate screening value used is endrin.
(13) The surrogate screening value used is chlordane.
(14) The surrogate screening value used is hexavalent chromium.
(15) The screening concentration is the mean lead value compared to the EPA Action Level for residential use.
(16) The surrogate screening value used is mercury and compounds.
(17) The surrogate screening value used is nickel soluble salts.
(18) EPA Migration to Groundwater (20 DAF) value (EPA, 2001g).
(19) NJDEP Soil Cleanup Criteria Impact to Groundwater (NJDEP, 1999b).
(20) EPA Soil Screening Levels (SSLs) Direct Ingestion (EPA, 2001g).
(21) NJDEP Soil Cleanup Criteria Residential Direct Contact (NJDEP, 1999b).

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TABLE 2.4
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: All Soil
Exposure Medium: All Soil
Exposure Point: Area B

CAS Number	Chemical	Minimum (1) Concentration	Minimum Qualifier	Maximum (1) Concentration	Maximum Qualifier	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background (2) Value	Screening (3) Toxicity Value	Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for (4) Contaminant Deletion or Selection
67-64-1	Acetone	0.004	J	0.28	J	mg/kg	CDE-TP03-01	25/55	0.009-5.5	0.28	N/A	157 nc	16	EPA, (20)	NO	BSL
71-43-2	Benzene	0.002	J	0.25	J	mg/kg	CDE-TP03-01	7/55	0.009-5.5	0.25	N/A	0.65 ca*	0.03	EPA, (20)	YES	CARC
78-93-3	2-Butanone	0.004	J	0.26	J	mg/kg	CDE-TP03-01	9/55	0.009-5.5	0.26	N/A	733 nc	50	NJDEP, (21)	NO	BSL
75-15-0	Carbon disulfide	0.001	J	0.27	J	mg/kg	CDE-TP03-01	10/55	0.009-5.5	0.27	N/A	36 nc	32	EPA, (20)	NO	BSL
108-90-7	Chlorobenzene	0.002	J	0.92	J	mg/kg	CDE-TP09-01	7/52	0.009-5.5	0.92	N/A	15 nc	1	EPA, (20)	NO	BSL
74-87-3	Chloromethane	0.019	-	0.02	-	mg/kg	CDE-TP08-01	1/55	0.009-5.5	0.02	N/A	1.2 ca	10	NJDEP, (21)	NO	IFD, BSL
110-82-7	Cyclohexane	0.002	J	0.01	J	mg/kg	CDE-MW06-00	4/55	0.009-5.5	0.01	N/A	950 nc	-	-	NO	BSL
95-50-1	1,2-Dichlorobenzene	0.0005	J	0.58	J	mg/kg	CDE-MW11-04	8/52	0.009-5.5	0.58	N/A	90 nc	17	EPA, (20)	NO	BSL
541-73-1	1,3-Dichlorobenzene	0.004	J	1.8	J	mg/kg	CDE-MW11-04	9/52	0.009-5.5	1.8	N/A	1.3 nc	100	NJDEP, (21)	YES	ASL
106-46-7	1,4-Dichlorobenzene	0.001	J	1.1	J	mg/kg	CDE-MW11-04	9/52	0.009-5.5	1.1	N/A	3.4 ca	2	EPA, (20)	NO	BSL
75-34-3	1,1-Dichloroethane	0.006	J	0.006	J	mg/kg	CDE-MW11-04	1/55	0.009-5.5	0.006	N/A	59 nc	10	NJDEP, (21)	NO	IFD
156-60-5	trans-1,2-Dichloroethylene	0.002	J	1.4	J	mg/kg	CDE-TP10-01	18/55	0.009-1.1	1.4	N/A	6.3 nc	0.7	EPA, (20)	NO	BSL
75-35-4	1,1-Dichloroethylene	0.002	J	0.08	-	mg/kg	CDE-MW11-04	6/55	0.009-5.5	0.08	N/A	0.05 ca	0.06	EPA, (20)	YES	ASL
156-59-2	cis-1,2-Dichloroethylene	0.002	J	55	-	mg/kg	CDE-TP10-01	32/55	0.009-0.039	55	N/A	4.3 nc	0.4	EPA, (20)	YES	ASL
78-87-5	1,2-Dichloropropane	0.096	-	0.10	-	mg/kg	CDE-MW11-04	1/55	0.009-5.5	0.10	N/A	0.35 ca*	0.03	EPA, (20)	NO	IFD, BSL
100-41-4	Ethylbenzene	0.0007	J	0.43	J	mg/kg	CDE-TP09-01	15/53	0.009-5.5	0.43	N/A	150 nc	13	EPA, (20)	NO	BSL
591-78-6	2-Hexanone	0.002	J	0.002	J	mg/kg	CDE-MW08-02	1/51	0.009-5.5	0.002	N/A	-	-	-	NO	IFD
98-82-8	Isopropylbenzene	0.001	J	0.25	-	mg/kg	CDE-TP03-01	6/52	0.009-5.5	0.25	N/A	16 nc	-	-	NO	BSL
79-20-9	Methyl acetate	0.006	J	0.05	-	mg/kg	CDE-MW06-00	2/55	0.009-5.5	0.05	N/A	2209 nc	-	-	NO	IFD, BSL
108-10-1	4-Methyl-2-pentanone	0.001	J	0.001	J	mg/kg	CDE-MW08-02	1/51	0.009-5.5	0.001	N/A	79 nc	50	NJDEP, (21)	NO	IFD, BSL
108-87-2	Methylcyclohexane	0.001	J	0.63	J	mg/kg	CDE-MW11-06	10/55	0.009-5.5	0.63	N/A	259 nc	-	-	NO	BSL
75-09-2	Methylene chloride	0.0009	J	1.7	J	mg/kg	CDE-SS04-00	7/55	0.009-5.5	1.7	N/A	8.9 ca	0.02	EPA, (20)	NO	BSL
100-42-5	Styrene	0.032	J	0.03	J	mg/kg	CDE-SS09-00	1/52	0.009-5.5	0.03	N/A	460 nc	4	EPA, (20)	NO	IFD, BSL
127-18-4	Tetrachloroethylene (5)	0.002	J	6.6	JD	mg/kg	CDE-MW06-00	13/53	0.009-5.5	6.6	N/A	1.4 ca	0.06	EPA, (20)	YES	ASL
108-88-3	Toluene	0.001	J	7.5	JD	mg/kg	CDE-SS09-00	25/55	0.009-5.5	7.5	N/A	59 nc	12	EPA, (20)	NO	BSL
120-82-1	1,2,4-Trichlorobenzene	0.006	J	12	-	mg/kg	CDE-TP05-01	10/53	0.009-3	12	N/A	31 nc	5	EPA, (20)	NO	BSL
71-55-6	1,1,1-Trichloroethane	0.003	J	0.02	J	mg/kg	CDE-MW08-00	12/55	0.009-5.5	0.02	N/A	63 nc	2	EPA, (20)	NO	BSL
79-00-5	1,1,2-Trichloroethane	0.002	J	0.002	J	mg/kg	CDE-MW11-12	1/55	0.009-5.5	0.002	N/A	0.84 ca*	0.02	EPA, (20)	NO	IFD, BSL
79-01-6	Trichloroethene (5)	0.001	J	47	JD	mg/kg	CDE-MW11-00	36/55	0.009-0.039	47	N/A	0.052 ca	0.06	EPA, (20)	YES	ASL
75-69-4	Trichlorofluoromethane	0.002	J	0.007	J	mg/kg	CDE-SS03-00	12/55	0.009-5.5	0.007	N/A	39 nc	-	-	NO	BSL
75-01-4	Vinyl chloride	0.004	J	2.8	J	mg/kg	CDE-BSB61-12	11/55	0.009-3	2.8	N/A	0.15 ca	0.01	EPA, (20)	YES	ASL
1330-20-7	Xylenes (total)	0.001	J	2.7	JD	mg/kg	CDE-SS09-00	16/53	0.009-5.5	2.7	N/A	140 nc	67	NJDEP, (21)	NO	BSL
92-52-4	1,1'-Biphenyl	0.023	J	100	J	mg/kg	CDE-SS09-00	13/55	0.34-140	100	N/A	300 nc	-	-	NO	BSL
117-81-7	bis(2-Ethylhexyl) phthalate	0.044	J	20	D	mg/kg	CDE-SS03-00	20/55	0.36-380	20	N/A	35 ca*	35	EPA, (20)	NO	BSL
85-68-7	Butyl benzyl phthalate	0.047	J	17	D	mg/kg	CDE-SS03-00	6/55	0.35-380	17	N/A	1222 nc	100	NJDEP, (21)	NO	BSL
86-74-8	Carbazole	0.048	J	68	J	mg/kg	CDE-BSB55-00	16/54	0.34-26	68	N/A	24 ca	0.6	EPA, (20)	YES	ASL
91-58-7	2-Chloronaphthalene	0.059	J	0.17	J	mg/kg	CDE-TP10-02	2/55	0.34-380	0.17	N/A	385 nc	-	-	NO	IFD, BSL
132-64-9	Dibenzofuran	0.03	J	1,700	J	mg/kg	CDE-SS09-00	19/55	0.34-26	1,700	N/A	29 nc	-	-	YES	ASL
84-66-2	Diethyl phthalate	2.5	-	52	-	mg/kg	CDE-TP02-01	2/55	0.34-380	52	N/A	4888 nc	50	NJDEP, (21)	NO	IFD, BSL
105-67-9	2,4-Dimethylphenol	0.76	J	0.76	J	mg/kg	CDE-TP02-01	1/54	0.34-380	0.76	N/A	122 nc	9	EPA, (20)	NO	IFD, BSL
131-11-3	Dimethyl phthalate	0.17	J	0.17	J	mg/kg	CDE-MW06-00	1/55	0.34-380	0.17	N/A	61000 nc	50	NJDEP, (21)	NO	IFD, BSL
84-74-2	Di-n-butyl phthalate	0.0215	J	47	-	mg/kg	CDE-TP02-01	8/55	0.35-380	47	N/A	611 nc	100	NJDEP, (21)	NO	BSL
117-84-0	Di-n-octyl phthalate	0.49	J	1.2	J	mg/kg	CDE-SS04-00	3/55	0.34-380	1.2	N/A	122 nc	100	NJDEP, (21)	NO	BSL
118-74-1	Hexachlorobenzene	0.023	J	0.023	J	mg/kg	CDE-MW09-00	1/55	0.34-380	0.02	N/A	0.30 ca	0.4	EPA, (20)	NO	IFD, BSL
83-32-9	Acenaphthene	0.045	J	2,800	-	mg/kg	CDE-SS09-00	17/55	0.34-26	2,800	N/A	368 nc	100	NJDEP, (21)	YES	ASL
208-96-8	Acenaphthylene (6)	0.063	J	1.4	J	mg/kg	CDE-TP02-01	10/55	0.34-380	1.4	N/A	231 nc	100	NJDEP, (21)	NO	BSL
120-12-7	Anthracene	0.04	J	1,200	J	mg/kg	CDE-SS09-00	21/55	0.34-26	1,200	N/A	2190 nc	100	NJDEP, (21)	NO	BSL
100-52-7	Benzaldehyde	0.083	J	0.95	J	mg/kg	CDE-SS01-00	7/55	0.34-380	1.0	N/A	611 nc	-	-	NO	BSL
56-55-3	Benzo(a)anthracene	0.041	J	920	J	mg/kg	CDE-SS09-00	29/55	0.34-26	920	N/A	0.62 ca	0.6	EPA, (22)	YES	ASL
50-32-8	Benzo(a)pyrene	0.042	J	520	J	mg/kg	CDE-SS09-00	29/55	0.34-26	520	N/A	0.062 ca	0.06	EPA, (22)	YES	ASL
205-99-2	Benzo(b)fluoranthene	0.043	J	460	J	mg/kg	CDE-BSB55-00	30/55	0.34-26	460	N/A	0.62 ca	0.6	EPA, (22)	YES	ASL
191-24-2	Benzo(g,h,i)perylene (6)	0.094	J	220	D	mg/kg	CDE-MW06-00	22/55	0.34-26	220	N/A	231 nc	100	NJDEP, (21)	NO	BSL

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TABLE 2.4
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: All Soil
Exposure Medium: All Soil
Exposure Point: Area B

CAS Number	Chemical	Minimum (1) Concentration	Minimum Qualifier	Maximum (1) Concentration	Maximum Qualifier	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background (2) Value	Screening (3) Toxicity Value		Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for (4) Contaminant Deletion or Selection
207-08-9	Benzo(k)fluoranthene	0.058	J	450	J	mg/kg	CDE-SS09-00	28/55	0.34-26	450	N/A	6.2	ca	0.9	NJDEP, (23)	YES	ASL
218-01-9	Chrysene	0.05	J	830	J	mg/kg	CDE-SS09-00	29/55	0.34-26	830	N/A	62	ca	9	NJDEP, (23)	YES	ASL
53-70-3	Dibenz(a,h)anthracene	0.041	J	75	J	mg/kg	CDE-BSB55-00	20/55	0.34-26	75	N/A	0.062	ca	0.06	EPA, (22)	YES	ASL
206-44-0	Fluoranthene	0.045	J	4,000	JD	mg/kg	CDE-SS09-00	31/55	0.34-26	4,000	N/A	229	nc	100	NJDEP, (21)	YES	ASL
86-73-7	Fluorene	0.05	J	2,000	J	mg/kg	CDE-SS09-00	16/55	0.34-26	2,000	N/A	264	nc	100	NJDEP, (21)	YES	ASL
193-39-5	Indeno(1,2,3-cd)pyrene	0.084	J	260	J	mg/kg	CDE-SS09-00	25/55	0.34-26	260	N/A	0.62	ca	0.9	EPA, (22)	YES	ASL
91-57-6	2-Methylnaphthalene (7)	0.05	J	460	J	mg/kg	CDE-SS09-00	18/55	0.34-140	460	N/A	5.6	nc	84	EPA, (20)	YES	ASL
91-20-3	Naphthalene	0.069	J	130	J	mg/kg	CDE-SS09-00	21/55	0.34-140	130	N/A	5.6	nc	84	EPA, (20)	YES	ASL
85-01-8	Phenanthrene (6)	0.033	J	7,000	JD	mg/kg	CDE-SS09-00	32/55	0.34-26	7,000	N/A	231	nc	100	NJDEP, (21)	YES	ASL
129-00-0	Pyrene	0.041	J	2,600	J	mg/kg	CDE-SS09-00	33/55	0.34-26	2,600	N/A	231	nc	100	NJDEP, (23)	YES	ASL
87-86-5	Pentachlorophenol	1.3	J	1.3	J	mg/kg	CDE-TP06-01	1/54	0.87-970	1.3	N/A	3.0	ca	0.03	EPA, (20)	NO	IFD
108-95-2	Phenol	0.05	J	1.2	J	mg/kg	CDE-TP02-01	3/54	0.34-380	1.2	N/A	3666	nc	50	NJDEP, (21)	NO	BSL
98-86-2	Acetophenone	0.034	J	0.76	J	mg/kg	CDE-MW06-00	11/55	0.34-380	0.76	N/A	0.05	nc	-	-	YES	ASL
309-00-2	Aldrin	0.0064	JN	1,100	JD	mg/kg	CDE-TP09-01	16/52	0.0018-110	1,100	N/A	0.03	ca*	0.04	EPA, (22)	YES	ASL
319-84-6	alpha-BHC	0.002	-	3	-	mg/kg	CDE-MW11-04	9/52	0.0018-110	3	N/A	0.09	ca	0.0005	EPA, (20)	YES	ASL
5103-71-9	alpha-Chlordane (8)	0.0046	JN	2.1	JN	mg/kg	CDE-BSB61-00	5/47	0.0018-110	2	N/A	0.11	ca	2	EPA, (22)	YES	ASL
53469-21-9	Aroclor-1242	0.9	J	5,600	D	mg/kg	CDE-MW11-06	8/52	0.035-2100	5,600	N/A	0.1	nc	0.49	NJDEP, (23)	YES	ASL
12672-29-6	Aroclor-1248	0.098	J	29,000	JD	mg/kg	CDE-TP09-01	15/53	0.035-2100	29,000	N/A	0.1	nc	0.49	NJDEP, (23)	YES	ASL
11097-69-1	Aroclor-1254	0.017	J	130,000	J	mg/kg	CDE-MW09-04	48/54	0.037-43	130,000	N/A	0.1	nc	0.49	NJDEP, (23)	YES	ASL
11096-82-5	Aroclor-1260	0.22	JN	0.22	JN	mg/kg	CDE-MW10-00	1/52	0.035-2100	0.2	N/A	0.1	nc	0.49	NJDEP, (23)	NO	IFD
1336-36-3	Total PCBs (9)	0.15	-	137,400	-	mg/kg	CDE-MW09-04	55/55	-	137,400	N/A	0.1	nc	0.49	NJDEP, (23)	YES	ASL
	Dioxin-like PCBs (10)	0.000109	-	3.841	-	mg/kg	CDE-MW11-04	5/5	0.0003-28.5	3.8	N/A	0.000004	ca	-	-	YES	ASL
	Nondioxin-like PCBs (10)	0.3294	-	31,558	-	mg/kg	CDE-MW11-04	5/5	0.43-25	31,558	N/A	0.1	nc	0.49	NJDEP, (23)	YES	ASL
72-54-8	4,4'-DDD	0.048	JN	0.048	JN	mg/kg	CDE-MW06-06	1/49	0.0035-210	0.05	N/A	2.4	ca	3	EPA, (22)	NO	IFD, BSL
72-55-9	4,4'-DDE	0.00044	J	9,700	JD	mg/kg	CDE-MW09-04	25/52	0.0037-4.9	9,700	N/A	1.7	ca	2	EPA, (22)	YES	ASL
50-29-3	4,4'-DDT	0.0074	J	25,000	D	mg/kg	CDE-MW09-04	7/53	0.0035-37	25,000	N/A	1.7	ca*	2	EPA, (22)	YES	ASL
319-86-8	delta-BHC (11)	0.023	J	0.02	J	mg/kg	CDE-BSB57-00	1/51	0.0018-110	0.02	N/A	0.44	ca*	0.4	EPA, (22)	NO	IFD, BSL
60-57-1	Dieldrin	0.00032	J	11,000	JND	mg/kg	CDE-MW09-04	18/48	0.0035-4	11,000	N/A	0.03	ca	0.004	EPA, (20)	YES	ASL
33213-65-9	Endosulfan II (12)	40	J	40	J	mg/kg	CDE-TP09-01	1/45	0.0035-210	40	N/A	37		18	EPA, (20)	NO	IFD
1031-07-8	Endosulfan sulfate (13)	0.00014	J	76	JD	mg/kg	CDE-MW11-06	15/51	0.0035-210	76	N/A	1.8	nc	1	EPA, (20)	YES	ASL
72-20-8	Endrin	0.0091	J	15	J	mg/kg	CDE-BSB61-12	6/45	0.0035-210	15	N/A	1.8	nc	1	EPA, (20)	YES	ASL
7421-93-4	Endrin aldehyde (13)	0.00029	J	1,700	JN	mg/kg	CDE-MW09-04	23/51	0.0037-21.45	1,700	N/A	1.8	nc	1	EPA, (20)	YES	ASL
53494-70-5	Endrin ketone (13)	0.011	J	0.03	J	mg/kg	CDE-MW04-00	3/53	0.0035-210	0.03	N/A	1.8	nc	1	EPA, (20)	NO	BSL
5103-74-2	gamma-Chlordane (14)	0.11	JND	8,200	JD	mg/kg	CDE-MW09-04	5/36	0.0018-20	8,200	N/A	1.6	ca*	2	EPA, (22)	YES	ASL
76-44-8	Heptachlor	0.0021	JN	30	JND	mg/kg	CDE-BSB61-12	8/52	0.0018-110	30	N/A	0.11	ca	0.1	EPA, (22)	YES	ASL
1024-57-3	Heptachlor epoxide	0.0063	J	1,200	JN	mg/kg	CDE-MW09-04	19/49	0.0018-2.5	1,200	N/A	0.05	ca*	0.07	EPA, (22)	YES	ASL
72-43-5	Methoxychlor	0.0013	J	1.1	J	mg/kg	CDE-SS03-00	4/52	0.018-1100	1.1	N/A	31	nc	50	NJDEP, (21)	NO	BSL
1746-01-6	2,3,7,8-TCDD equivalents (15)	0.00003	-	0.008	-	mg/kg	CDE-MW09-00	3/3	-	0.008	N/A	0.000004	ca	-	-	YES	ASL
7429-90-5	Aluminum	2180	-	228,000	J	mg/kg	CDE-TP08-01	55/55	-	228,000	N/A	7614	nc	-	-	YES	ASL
7440-36-0	Antimony	0.54	B	22	JB	mg/kg	CDE-TP08-01	27/53	0.65-2.5	22	N/A	3	nc	5	EPA, (20)	YES	ASL
7440-38-2	Arsenic	0.77	B	1,060	-	mg/kg	CDE-BSB55-00	55/55	-	1,060	N/A	0.4	ca*	0.4	EPA, (22)	YES	ASL
7440-39-3	Barium	38.6	B	3,690	-	mg/kg	CDE-MW11-04	55/55	-	3,690	N/A	537	nc	700	NJDEP, (23)	YES	ASL
7440-41-7	Beryllium	0.18	B	9.2	J	mg/kg	CDE-SS01-00	49/55	0.18-0.19	9.2	N/A	15	nc	0.1	EPA, (20)	NO	BSL
7440-43-9	Cadmium	0.17	B	195	-	mg/kg	CDE-TP06-01	33/55	0.07-0.7	195	N/A	3.7	nc	2	NJDEP, (23)	YES	ASL
7440-70-2	Calcium	358	B	51,300	-	mg/kg	CDE-SS07-00	55/55	-	51,300	N/A	-		-	-	NO	NUT
7440-47-3	Chromium total (16)	8.5	J	408	-	mg/kg	CDE-TP09-01	55/55	-	408	N/A	30	ca	38		YES	ASL
7440-48-4	Cobalt	3.3	B	30	J	mg/kg	CDE-SS01-00	55/55	-	30	N/A	469	nc	-	-	NO	BSL
7440-50-8	Copper	4.7	JB	57,600	-	mg/kg	CDE-TP06-01	47/47	-	57,600	N/A	291	nc	600	NJDEP, (23)	YES	ASL
7439-89-6	Iron	9120	J	108,000	-	mg/kg	CDE-BSB60-00 CDE-MW11-00	55/55	-	108,000	N/A	2346	nc	-	-	YES	ASL
7439-92-1	Lead (17))	4.8	-	6,410	-	mg/kg	CDE-TP06-01	54/54	-	476	N/A	400		400	EPA, (22)	YES	ASL
7439-95-4	Magnesium	431	B	12,900	-	mg/kg	CDE-SS07-00	55/55	-	12,900	N/A	-		-	-	NO	NUT

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TABLE 2.4
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: All Soil
Exposure Medium: All Soil
Exposure Point: Area B

CAS Number	Chemical	Minimum (1) Concentration	Minimum Qualifier	Maximum (1) Concentration	Maximum Qualifier	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background (2) Value	Screening (3) Toxicity Value		Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for (4) Contaminant Deletion or Selection
7439-96-5	Manganese	31	J	989	-	mg/kg	CDE-BSB60-00	47/47	-	989	N/A	176	nc	-	-	YES	ASL
7487-94-7	Mercury (18)	0.07	JB	5.5	J	mg/kg	CDE-BSB55-00	34/49	0.05-0.13	5.5	N/A	2.3	nc	2	EPA, (20)	YES	ASL
7440-02-0	Nickel (19)	8.3	JB	119	J	mg/kg	CDE-TP02-01	55/55	-	119	N/A	156	nc	130	EPA, (20)	NO	BSL
7440-09-7	Potassium	268	B	6,860	B	mg/kg	CDE-MW12-08	55/55	-	6,860	N/A	-		-	-	NO	NUT
7782-49-2	Selenium	0.51	B	9.7	-	mg/kg	CDE-BSB55-00	33/55	0.42-2	9.7	N/A	39	nc	2		NO	BSL
7440-22-4	Silver	0.19	B	42	-	mg/kg	CDE-BSB61-12	37/55	0.13-0.76	42	N/A	39	nc	34	EPA, (20)	YES	ASL
7440-23-5	Sodium	81.1	B	1,060	J	mg/kg	CDE-MW12-00	46/55	67-131	1,060	N/A	-		-	-	NO	NUT
7440-28-0	Thallium	0.67	B	7.6	J	mg/kg	CDE-SS06-00	10/55	0.42-2.6	7.6	N/A	0.5	nc	0.7	EPA, (20)	YES	ASL
7440-62-2	Vanadium	10.8	B	532	-	mg/kg	CDE-TP06-01	55/55	-	532	N/A	55	nc	370	NJDEP, (23)	YES	ASL
7440-66-6	Zinc	19.4	J	14,000	J	mg/kg	CDE-TP08-01	55/55	-	14,000	N/A	2346	nc	1500	NJDEP, (23)	YES	ASL
74-90-8	Cyanide	0.06	B	7.6	-	mg/kg	CDE-SS05-00	21/55	0.13-0.55	7.6	N/A	1.1	nc	40	EPA, (20)	YES	ASL

(1) Minimum/maximum concentration detected from the following group of samples:
CDE-BSB55-00, CDE-BSB57-00, CDE-BSB60-00, CDE-BSB61-00, CDE-MW04-00, CDE-MW04-04, CDE-MW04-12, CDE-MW05-00, CDE-MW05-06, CDE-MW05-10, CDE-MW06-00, CDE-MW06-02, CDE-MW06-04, CDE-MW06-06, CDE-MW08-00, CDE-MW08-02, CDE-MW08-04, CDE-MW08-06, CDE-MW09-00, CDE-MW09-04, CDE-MW09-08, CDE-MW09-12, CDE-MW10-00, CDE-MW10-02, CDE-MW10-04, CDE-MW11-00, CDE-MW11-04, CDE-MW1-06, CDE-MW11-12, CDE-MW12-00, CDE-MW12-04, CDE-MW12-08, CDE-SS01-00, CDE-SS02-00, CDE-SS03-00, CDE-SS04-00, CDE-SS05-00, CDE-SS06-00, CDE-SS06-12, CDE-SS07-00, CDE-SS08-00, CDE-SS08-12, CDE-SS09-00, CDE-TP01-01, CDE-TP02-01, CDE-TP03-01, CDE-TP04-01, CDE-TP05-01, CDE-TP06-01, CDE-TP08-01, CDE-TP08-02, CDE-TP09-01, CDE-TP10-01, CDE-TP10-02, CDE-BSB61-12
(2) No background values established.
(3) USEPA Region 9 Residential PRG, November 2000. - Non-cancer PRGs shown at HI of 0.1.
(4) Rationale Codes Selection Reason:
Infrequent Detection but Associated Historically (HIST)
Frequent Detection (FD)
Toxicity Information Available (TX)
Above Screening Levels (ASL)
Class A Carcinogen (CARC)
No Toxicity Information (NTX)
Deletion Reason:
Infrequent Detection (IFD)
Background Levels (BKG)
Essential Nutrient (NUT)
Below Screening Level (BSL)

Definitions:
N/A = Not Applicable
SQL = Sample Quantitation Limit
COPC = Chemical of Potential Concern
ARAR/TBC = Applicable or Relevant and Appropriate Requirement/To Be Considered
MCL = Federal Maximum Contaminant Level
SMCL = Secondary Maximum Contaminant Level
J = Estimated Value
N = Sufficient evidence that constituent is present
B = Below reporting limit for metals
D = Diluted sample
P = For pesticides, more than 25% difference between columns
nc = Non-cancer
ca = Cancer
ca* = nc HI of 1.0 would be exceeded if ca PRG value is multiplied by 100
ca** = nc HI of 1.0 would be exceeded if ca PRG value is multiplied by 10

(5) Recalculated the PRG based on NCEA noncarcinogenic and carcinogenic toxicity values.
(6) The surrogate screening value used is pyrene.
(7) The surrogate screening value used is naphthalene.
(8) The surrogate screening value used is heptaclor.
(9) Calculated using aroclor results from each sample. 1/2 the sample quantitation limit was used as a proxy concentration for purposes of summing the aroclors for Total PCBs.
(10) Calculated using PCB congener analysis, see Appendix K.
(11) The surrogate screening value used is gamma BHC.
(12) The surrogate screening value used is endosulfan.
(13) The surrogate screening value used is endrin.
(14) The surrogate screening value used is chlordane.
(15) Calculated using dioxin congener analysis, see Appendix J.
(16) The surrogate screening value used is hexavalent chromium.
(17) The screening concentration is the mean lead value compared to the EPA Action Level for residential use.
(18) The surrogate screening value used is mercury and compounds.
(19) The surrogate screening value used is nickel soluble salts.
(20) EPA Migration to Groundwater (20 DAF) value (EPA, 2001g).
(21) NJDEP Soil Cleanup Criteria Impact to Groundwater (NJDEP, 1999b).
(22) EPA Soil Screening Levels (SSLs) Direct Ingestion (EPA, 2001g).
(23) NJDEP Soil Cleanup Criteria Residential Direct Contact (NJDEP, 1999b).

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TABLE

OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current/Future
Medium: Building Dust
Exposure Medium: Building Dust
Exposure Point: Building Interior

CAS Number	Chemical	Minimum (1) Concentration	Minimum Qualifier	Maximum (1) Concentration	Maximum Qualifier	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background (2) Value	Screening (3 Toxicity Value		Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for (4) Contaminant Deletion or Selection
11097-69-1	Aroclor-1254	4.9	D	8,300	D	mg/kg	CDE-BFD01-02	32/32	-	8,300	N/A	0.1	nc	0.49	NJDEP, (12)	YES	ASL
7429-90-5	Aluminum	1,580	J	155,000		mg/kg	CDE-BFD12-01	32/32	-	155,000	N/A	7,614	nc	-	-	YES	ASL
7440-36-0	Antimony	1.6	B	931	E	mg/kg	CDE-BFD1D-01	32/32	-	931	N/A	3	nc	14	NJDEP, (10)	YES	ASL
7440-38-2	Arsenic	2.6		94	J	mg/kg	CDE-BFD-16-01	32/32	-	94	N/A	0.4	ca*	0.4	EPA, (11)	YES	ASL
7440-39-3	Barium	145		10,000		mg/kg	CDE-BFD9C-01	32/32	-	10,000	N/A	537	nc	700	NJDEP, (10)	YES	ASL
7440-41-7	Beryllium	0.06	B	1	B	mg/kg	CDE-BFD14-01	31/32	0.21	1	N/A	15	nc	0.1	EPA, (11)	NO	BSL
7440-43-9	Cadmium	1.9		428		mg/kg	CDE-BFD-10-01	32/32	-	428	N/A	3.7	nc	8	EPA, (9)	YES	ASL
7440-70-2	Calcium	6,450	J	205,000	J	mg/kg	CDE-BFD1D-01	32/32	-	205,000	N/A	-		-	-	NO	NUT
18540-29-9	Chromium (total) (5)	18.3		894		mg/kg	CDE-BFD01-02	32/32	-	894	N/A	30	ca**	38	EPA, (9)	YES	ASL
7440-48-4	Cobalt	3.8	B	117	J	mg/kg	CDE-BFD14-01	32/32	-	117	N/A	469	nc	-	-	NO	BSL
7440-50-8	Copper	69.8	J	42,600		mg/kg	CDE-BFD05-03	32/32	-	42,600	N/A	291	nc	600	NJDEP, (10)	YES	ASL
7439-89-6	Iron	5,320	J	382,000		mg/kg	CDE-BFD12-01	32/32	-	382,000	N/A	2,346	nc	-	-	YES	ASL
7439-92-1	Lead (6)	67.3		61,700	J	mg/kg	CDE-BFD2A-01	32/32	-	5,248	N/A	400		400	EPA, (11)	YES	ASL
7439-95-4	Magnesium	1,290	J	19,300		mg/kg	CDE-BFD5A-02	32/32	-	19,300	N/A	-		-	-	NO	NUT
7439-96-5	Manganese	98.4	J	1,870		mg/kg	CDE-BFD12-01	32/32	-	1,870	N/A	176	nc	-	-	YES	ASL
7487-94-7	Mercury (7)	0.08	JB	24	J	mg/kg	CDE-BFD06-01	32/32	-	24	N/A	2.3	nc	14	NJDEP, (10)	YES	ASL
7440-02-0	Nickel (8)	10.7	J	545		mg/kg	CDE-BFD15-01	32/32	-	545	N/A	156	nc	130	EPA, (9)	YES	ASL
7440-09-7	Potassium	689	B	20,300	J	mg/kg	CDE-BFD14-01	32/32	-	20,300	N/A	-		-	-	NO	NUT
7782-49-2	Selenium	0.25	B	10	J	mg/kg	CDE-BFD05-01	25/32	0.15-0.36	10	N/A	39	nc	2		NO	BSL
7440-22-4	Silver	2.1	J	86	J	mg/kg	CDE-BFD05-01	32/32	-	86	N/A	39	nc	34	EPA, (9)	YES	ASL
7440-23-5	Sodium	697	JB	20,200	J	mg/kg	CDE-BFD14-01	32/32	-	20,200	N/A	-		-	-	NO	NUT
7440-28-0	Thallium	0.5	B	18	J	mg/kg	CDE-BFD08-01	13/26	0.14-0.48	18	N/A	0.5	nc	0.7	EPA, (9)	YES	ASL
7440-62-2	Vanadium	4.8	B	310		mg/kg	CDE-BFD-16-01	32/32	-	310	N/A	55	nc	370	NJDEP, (10)	YES	ASL
7440-66-6	Zinc	420	J	41,500	J	mg/kg	CDE-BFD09-01	32/32	-	41,500	N/A	2,346	nc	1500	NJDEP, (10)	YES	ASL

(1) Minimum/maximum concentration detected.
CDE-BFD01-01, CDE-BFD01-02, CDE-BFD01B-01, CDE-BFD02-01, CDE-BFD02-02, CDE-BFD03-01, CDE-BFD03-02, CDE-BFD05-01, CDE-BFD05-02, CDE-BFD05-03
CDE-BFD06-01, CDE-BFD07-01, CDE-BFD08-01, CDE-BFD09-01, CDE-BFD-10-01, CDE-BFD11-01, CDE-BFD12-01, CDE-BFD13-01, CDE-BFD14-01, CDE-BFD15-01
CDE-BFD-16-01, CDE-BFD18-01, CDE-BFD1A-01, CDE-BFD1C-01, CDE-BFD1D-01, CDE-BFD2A-01, CDE-BFD4A-01, CDE-BFD5A-01, CDE-BFD5A-02
CDE-BFD9A-01, CDE-BFD9B-01, CDE-BFD9C-01
(2) No background values established.
(3) USEPA Region 9 Residential PRG, November 2000. - Non-cancer PRGs shown at HI of 0.1.
(4) Rationale Codes Selection Reason: Infrequent Detection but Associated Historically (HIST)
Frequent Detection (FD)
Toxicity Information Available (TX)
Above Screening Levels (ASL)
Deletion Reason: Infrequent Detection (IFD)
Background Levels (BKG)
Essential Nutrient (NUT)
Below Screening Level (BSL)
(5) The surrogate screening value used is hexavalent chromium.
(6) The screening concentration is the mean lead value compared to the EPA Action Level for residential use.
(7) The surrogate screening value used is mercury and compounds.
(8) The surrogate screening value used is nickel soluable salts.
(9) EPA Migration to Groundwater (20 DAF) value (EPA, 2001g).
(10) NJDEP Soil Cleanup Criteria Impact to Groundwater (NJDEP, 1999b).
(11) EPA Soil Screening Levels (SSLs) Direct Ingestion (EPA, 2001g).
(12) NJDEP Soil Cleanup Criteria Residential Direct Contact (NJDEP, 1999b).

Definitions:
N/A = Not Applicable
SQL = Sample Quantitation Limit
COPC = Chemical of Potential Concern
ARAR/TBC = Applicable or Relevant and Appropriate Requirement/To Be Considered
MCL = Federal Maximum Contaminant Level
SMCL = Secondary Maximum Contaminant Level
J = Estimated Value
N = Sufficient evidence that constituent is present
B = Below reporting limit for metals
D = Diluted sample
P = For pesticides, more than 25% difference between columns
nc = Non-cancer
ca = Cancer
ca* = nc HI of 1.0 would be exceeded if ca PRG value is multiplied by 100
ca** = nc HI of 1.0 would be exceeded if ca PRG value is multiplied by 10

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TABLE 2.5
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current/Future
Medium: Building Dust
Exposure Medium: Building Dust
Exposure Point: Building Interior

CAS Number	Chemical	Minimum (1) Concentration	Minimum Qualifier	Maximum (1) Concentration	Maximum Qualifier	Units	Location of Maximum Concentration	Detection Frequency	Range of Detection Limits	Concentration Used for Screening	Background (2) Value	Screening (3 Toxicity Value		Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for (4) Contaminant Deletion or Selection
11097-69-1	Aroclor-1254	4.9	D	8,300	D	mg/kg	CDE-BFD01-02	32/32	-	8,300	N/A	0.1	nc	0.49	NJDEP, (12)	YES	ASL
7429-90-5	Aluminum	1,580	J	155,000		mg/kg	CDE-BFD12-01	32/32	-	155,000	N/A	7,614	nc	-	-	YES	ASL
7440-36-0	Antimony	1.6	B	931	E	mg/kg	CDE-BFD1D-01	32/32	-	931	N/A	3	nc	14	NJDEP, (10)	YES	ASL
7440-38-2	Arsenic	2.6		94	J	mg/kg	CDE-BFD-16-01	32/32	-	94	N/A	0.4	ca*	0.4	EPA, (11)	YES	ASL
7440-39-3	Barium	145		10,000		mg/kg	CDE-BFD9C-01	32/32	-	10,000	N/A	537	nc	700	NJDEP, (10)	YES	ASL
7440-41-7	Beryllium	0.06	B	1	B	mg/kg	CDE-BFD14-01	31/32	0.21	1	N/A	15	nc	0.1	EPA, (11)	NO	BSL
7440-43-9	Cadmium	1.9		428		mg/kg	CDE-BFD-10-01	32/32	-	428	N/A	3.7	nc	8	EPA, (9)	YES	ASL
7440-70-2	Calcium	6,450	J	205,000	J	mg/kg	CDE-BFD1D-01	32/32	-	205,000	N/A	-		-	-	NO	NUT
18540-29-9	Chromium (total) (5)	18.3		894		mg/kg	CDE-BFD01-02	32/32	-	894	N/A	30	ca**	38	EPA, (9)	YES	ASL
7440-48-4	Cobalt	3.8	B	117	J	mg/kg	CDE-BFD14-01	32/32	-	117	N/A	469	nc	-	-	NO	BSL
7440-50-8	Copper	69.8	J	42,600		mg/kg	CDE-BFD05-03	32/32	-	42,600	N/A	291	nc	600	NJDEP, (10)	YES	ASL
7439-89-6	Iron	5,320	J	382,000		mg/kg	CDE-BFD12-01	32/32	-	382,000	N/A	2,346	nc	-	-	YES	ASL
7439-92-1	Lead (6)	67.3		61,700	J	mg/kg	CDE-BFD2A-01	32/32	-	5,248	N/A	400		400	EPA, (11)	YES	ASL
7439-95-4	Magnesium	1,290	J	19,300		mg/kg	CDE-BFD5A-02	32/32	-	19,300	N/A	-		-	-	NO	NUT
7439-96-5	Manganese	98.4	J	1,870		mg/kg	CDE-BFD12-01	32/32	-	1,870	N/A	176	nc	-	-	YES	ASL
7487-94-7	Mercury (7)	0.08	JB	24	J	mg/kg	CDE-BFD06-01	32/32	-	24	N/A	2.3	nc	14	NJDEP, (10)	YES	ASL
7440-02-0	Nickel (8)	10.7	J	545		mg/kg	CDE-BFD15-01	32/32	-	545	N/A	156	nc	130	EPA, (9)	YES	ASL
7440-09-7	Potassium	689	B	20,300	J	mg/kg	CDE-BFD14-01	32/32	-	20,300	N/A	-		-	-	NO	NUT
7782-49-2	Selenium	0.25	B	10	J	mg/kg	CDE-BFD05-01	25/32	0.15-0.36	10	N/A	39	nc	2		NO	BSL
7440-22-4	Silver	2.1	J	86	J	mg/kg	CDE-BFD05-01	32/32	-	86	N/A	39	nc	34	EPA, (9)	YES	ASL
7440-23-5	Sodium	697	JB	20,200	J	mg/kg	CDE-BFD14-01	32/32	-	20,200	N/A	-		-	-	NO	NUT
7440-28-0	Thallium	0.5	B	18	J	mg/kg	CDE-BFD08-01	13/26	0.14-0.48	18	N/A	0.5	nc	0.7	EPA, (9)	YES	ASL
7440-62-2	Vanadium	4.8	B	310		mg/kg	CDE-BFD-16-01	32/32	-	310	N/A	55	nc	370	NJDEP, (10)	YES	ASL
7440-66-6	Zinc	420	J	41,500	J	mg/kg	CDE-BFD09-01	32/32	-	41,500	N/A	2,346	nc	1500	NJDEP, (10)	YES	ASL

(1) Minimum/maximum concentration detected.
CDE-BFD01-01, CDE-BFD01-02, CDE-BFD01B-01, CDE-BFD02-01, CDE-BFD02-02, CDE-BFD03-01, CDE-BFD03-02, CDE-BFD05-01, CDE-BFD05-02, CDE-BFD05-03
CDE-BFD06-01, CDE-BFD07-01, CDE-BFD08-01, CDE-BFD09-01, CDE-BFD-10-01, CDE-BFD11-01, CDE-BFD12-01, CDE-BFD13-01, CDE-BFD14-01, CDE-BFD15-01
CDE-BFD-16-01, CDE-BFD18-01, CDE-BFD1A-01, CDE-BFD1C-01, CDE-BFD1D-01, CDE-BFD2A-01, CDE-BFD4A-01, CDE-BFD5A-01, CDE-BFD5A-02
CDE-BFD9A-01, CDE-BFD9B-01, CDE-BFD9C-01
(2) No background values established.
(3) USEPA Region 9 Residential PRG, November 2000. - Non-cancer PRGs shown at HI of 0.1.
(4) Rationale Codes Selection Reason: Infrequent Detection but Associated Historically (HIST)
Frequent Detection (FD)
Toxicity Information Available (TX)
Above Screening Levels (ASL)
Deletion Reason: Infrequent Detection (IFD)
Background Levels (BKG)
Essential Nutrient (NUT)
Below Screening Level (BSL)
(5) The surrogate screening value used is hexavalent chromium.
(6) The screening concentration is the mean lead value compared to the EPA Action Level for residential use.
(7) The surrogate screening value used is mercury and compounds.
(8) The surrogate screening value used is nickel soluable salts.
(9) EPA Migration to Groundwater (20 DAF) value (EPA, 2001g).
(10) NJDEP Soil Cleanup Criteria Impact to Groundwater (NJDEP, 1999b).
(11) EPA Soil Screening Levels (SSLs) Direct Ingestion (EPA, 2001g).
(12) NJDEP Soil Cleanup Criteria Residential Direct Contact (NJDEP, 1999b).

Definitions:
N/A = Not Applicable
SQL = Sample Quantitation Limit
COPC = Chemical of Potential Concern
ARAR/TBC = Applicable or Relevant and Appropriate Requirement/To Be Considered
MCL = Federal Maximum Contaminant Level
SMCL = Secondary Maximum Contaminant Level
J = Estimated Value
N = Sufficient evidence that constituent is present
B = Below reporting limit for metals
D = Diluted sample
P = For pesticides, more than 25% difference between columns
nc = Non-cancer
ca = Cancer
ca* = nc HI of 1.0 would be exceeded if ca PRG value is multiplied by 100
ca** = nc HI of 1.0 would be exceeded if ca PRG value is multiplied by 10

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TABLE 3.1
MEDIUM-SPECIFIC EXPOSURE POINT CONCENTRATION SUMMARY
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area A

Chemical of Potential Concern	Units	Arithmetic Mean (1)	95% UCL of Normal Data	Maximum Detected Concentration	Maximum Qualifier	EPC Units	Reasonable Maximum Exposure			Central Tendency		
							Medium EPC Value	Medium EPC Statistic	Medium EPC Rationale	Medium EPC Value	Medium EPC Statistic	Medium EPC Rationale
Benzene	mg/kg	0.0039	--	0.001	J	mg/kg	0.001	Max	< 10 samples	0.001	Max	< 10 samples
Trichloroethene	mg/kg	0.048	--	0.17	-	mg/kg	0.17	Max	< 10 samples	0.17	Max	< 10 samples
Benzo(a)anthracene	mg/kg	1.1	--	3.1	D	mg/kg	3.1	Max	< 10 samples	3.1	Max	< 10 samples
Benzo(a)pyrene	mg/kg	1.1	--	2.8	D	mg/kg	2.8	Max	< 10 samples	2.8	Max	< 10 samples
Benzo(b)fluoranthene	mg/kg	1.6	--	4.0	D	mg/kg	4.0	Max	< 10 samples	4.0	Max	< 10 samples
Dibenz(ah)anthracene	mg/kg	0.25	--	0.49	-	mg/kg	0.49	Max	< 10 samples	0.49	Max	< 10 samples
Indeno(1,2,3-cd)pyrene	mg/kg	0.47	--	0.97	-	mg/kg	0.97	Max	< 10 samples	0.97	Max	< 10 samples
Aldrin	mg/kg	2.2	--	9.2	JD	mg/kg	9.2	Max	< 10 samples	9.2	Max	< 10 samples
Aroclor-1242	mg/kg	0.63	--	0.95	-	mg/kg	0.95	Max	< 10 samples	0.95	Max	< 10 samples
Aroclor-1254	mg/kg	78	--	340	D	mg/kg	340	Max	< 10 samples	340	Max	< 10 samples
Total PCBs	mg/kg	82	--	354	-	mg/kg	354	Max	< 10 samples	354	Max	< 10 samples
Aluminum	mg/kg	7,814	--	13,900	J	mg/kg	13,900	Max	< 10 samples	13,900	Max	< 10 samples
Antimony	mg/kg	3.6	--	14.9	-	mg/kg	14.9	Max	< 10 samples	14.9	Max	< 10 samples
Arsenic	mg/kg	57	--	92.1	-	mg/kg	92.1	Max	< 10 samples	92.1	Max	< 10 samples
Barium	mg/kg	308	--	1,170	-	mg/kg	1,170	Max	< 10 samples	1,170	Max	< 10 samples
Iron	mg/kg	18,800	--	32,200	-	mg/kg	32,200	Max	< 10 samples	32,200	Max	< 10 samples
Lead (see lead sheets)	mg/kg	11,000	--	52,600	J	mg/kg	--	--	--	--	--	--
Manganese	mg/kg	448	--	556	J	mg/kg	556	Max	< 10 samples	556	Max	< 10 samples
Thallium	mg/kg	0.90	--	3.1	B	mg/kg	3.1	Max	< 10 samples	3.1	Max	< 10 samples

Statistics: Maximum Detected Value (Max); 95% UCL of Normal Data (95% UCL-N); 95% UCL of Log-transformed Data (95% UCL-T); Mean of Log-transformed Data (Mean-T); Mean of Normal Data (Mean-N); Non-Parametric distribution (UCL-NP).

Notes:

(1) For sample results reported as non-detect, 1/2 the sample quantitation limit was used as a proxy concentration for purposes of the arithmetic mean and the statistics. For duplicate sample results, the average value was used in the calculation.

301801

TABLE 3.2.1
MEDIUM-SPECIFIC EXPOSURE POINT CONCENTRATION SUMMARY
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soils
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers

Chemical of Potential Concern	Units	Arithmetic Mean (1)	95% UCL of Normal Data	Maximum Detected Concentration	Maximum Qualifier	EPC Units	Reasonable Maximum Exposure			Central Tendency		
							Medium EPC Value	Medium EPC Statistic	Medium EPC Rationale	Medium EPC Value	Medium EPC Statistic	Medium EPC Rationale
Benzene	mg/kg	0.005	--	0.009	J	mg/kg	0.009	Max	Statistics > Maximum	0.009	Max	Statistics > Maximum
cis-1,2-Dichloroethylene	mg/kg	1.9	--	22	J	mg/kg	9.8	UCL-NP	95% Chebyshev	9.8	UCL-NP	95% Chebyshev
Trichloroethene	mg/kg	0.14	--	1.3	-	mg/kg	0.56	UCL-T	99% Chebyshev (MVUE)	0.56	UCL-T	99% Chebyshev (MVUE)
2-Methylnaphthalene	mg/kg	39	--	460	J	mg/kg	206	UCL-NP	95% Chebyshev	206	UCL-NP	95% Chebyshev
Acenaphthene	mg/kg	234	--	2,800	J	mg/kg	1,251	UCL-NP	95% Chebyshev	1,251	UCL-NP	95% Chebyshev
Benzo(a)anthracene	mg/kg	78	--	920	J	mg/kg	411	UCL-NP	95% Chebyshev	411	UCL-NP	95% Chebyshev
Benzo(a)pyrene	mg/kg	44	--	520	J	mg/kg	233	UCL-NP	95% Chebyshev	233	UCL-NP	95% Chebyshev
Benzo(b)fluoranthene	mg/kg	39	--	450	J	mg/kg	68	UCL-T	99% Chebyshev (MVUE)	68	UCL-T	99% Chebyshev (MVUE)
Benzo(k)fluoranthene	mg/kg	38	--	450	J	mg/kg	202	UCL-NP	95% Chebyshev	202	UCL-NP	95% Chebyshev
Chrysene	mg/kg	70	--	830	J	mg/kg	371	UCL-NP	95% Chebyshev	371	UCL-NP	95% Chebyshev
Dibenzofuran	mg/kg	6	--	1,700	J	mg/kg	759	UCL-NP	95% Chebyshev	759	UCL-NP	95% Chebyshev
Dibenz(ah)anthracene	mg/kg	142	--	66	J	mg/kg	30	UCL-NP	95% Chebyshev	30	UCL-NP	95% Chebyshev
Fluoranthene	mg/kg	335	--	4,000	JD	mg/kg	1,787	UCL-NP	95% Chebyshev	1,787	UCL-NP	95% Chebyshev
Fluorene	mg/kg	167	--	2,000	J	mg/kg	893	UCL-NP	95% Chebyshev	893	UCL-NP	95% Chebyshev
Indeno(1,2,3-cd)pyrene	mg/kg	22	--	260	J	mg/kg	117	UCL-NP	95% Chebyshev	117	UCL-NP	95% Chebyshev
Naphthalene	mg/kg	11	--	130	J	mg/kg	58	UCL-NP	95% Chebyshev	58	UCL-NP	95% Chebyshev
Phenanthrene	mg/kg	584	--	7,000	JD	mg/kg	3,127	UCL-NP	95% Chebyshev	3,127	UCL-NP	95% Chebyshev
Pyrene	mg/kg	218	--	2,600	J	mg/kg	1,162	UCL-NP	95% Chebyshev	1,162	UCL-NP	95% Chebyshev
2,3,7,8-TCDD equ.	mg/kg		--	0.008	-	mg/kg	0.008	Max	< 10 samples	0.008	Max	< 10 samples
4,4'-DDE	mg/kg	107	--	1,200	JD	mg/kg	541	UCL-T	Chebyshev - Investigate	541	UCL-T	Chebyshev - Investigate
4,4'-DDT	mg/kg	4.6	--	42	-	mg/kg	20	UCL-T	Chebyshev - Investigate	20	UCL-T	Chebyshev - Investigate
Acetophenone	mg/kg	16.2	--	0.34	J	mg/kg	0.34	Max	Statistics > Maximum	0.34	Max	Statistics > Maximum
alpha-BHC	mg/kg	0.76	--	2.4	-	mg/kg	2.4	Max	Statistics > Maximum	2.4	Max	Statistics > Maximum
alpha-chlordane	mg/kg	0.098	--	0.23	JN	mg/kg	0.23	Max	< 10 samples	0.23	Max	< 10 samples
Aroclor-1254	mg/kg	1,833	--	19,000	J	mg/kg	8,664	UCL-T	Chebyshev - Investigate	8,664	UCL-T	Chebyshev - Investigate
Aroclor 1260	mg/kg	11	--	0.22	JN	mg/kg	0.22	Max	Statistics > Maximum	0.22	Max	Statistics > Maximum
Dieldrin	mg/kg	20	--	180	J	mg/kg	91	UCL-T	Chebyshev - Investigate	91	UCL-T	Chebyshev - Investigate
Endrin aldehyde	mg/kg	11	--	120	J	mg/kg	54	UCL-T	Chebyshev - Investigate	54	UCL-T	Chebyshev - Investigate
gamma-Chlordane	mg/kg	2.5	--	20	JD	mg/kg	10	UCL-NP	Chebyshev - Investigate	10	UCL-NP	Chebyshev - Investigate
Heptachlor	mg/kg	0.71	--	1.9	J	mg/kg	1.9	Max	Statistics > Maximum	1.9	Max	Statistics > Maximum
Heptachlor epoxide	mg/kg	24	--	250	JN	mg/kg	123	UCL-T	Chebyshev - Investigate	123	UCL-T	Chebyshev - Investigate
Dioxin-like PCBs	mg/kg		--	3.8	-	mg/kg	3.8	Max	< 10 samples	3.8	Max	< 10 samples
Nondioxin-like PCBs	mg/kg		--	31,558	-	mg/kg	31,588	Max	< 10 samples	31,588	Max	< 10 samples
Total PCBs	mg/kg	1,909	--	19,815	-	mg/kg	9,033	UCL-NP	95% Chebyshev	9,033	UCL-NP	95% Chebyshev
Aluminum	mg/kg	16,300	--	42,100	-	mg/kg	28,009	UCL-T	95% H-UCL	28,009	UCL-T	95% H-UCL
Antimony	mg/kg	2.7	--	10.2	B	mg/kg	7.2	UCL-T	95% H-UCL	7.2	UCL-T	95% H-UCL
Arsenic	mg/kg	16.6	--	38.3	J	mg/kg	32	UCL-T	95% H-UCL	32	UCL-T	95% H-UCL
Barium	mg/kg	271	--	765	-	mg/kg	543	UCL-T	95% H-UCL	543	UCL-T	95% H-UCL
Cadmium	mg/kg	12.4	--	40.2	J	mg/kg	40.2	Max	Statistics > Maximum	40.2	Max	Statistics > Maximum
Chromium (total)	mg/kg	32.9	--	77.5	J	mg/kg	61	UCL-T	95% H-UCL	61	UCL-T	95% H-UCL

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TABLE 3.2.1
MEDIUM-SPECIFIC EXPOSURE POINT CONCENTRATION SUMMARY
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soils
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers

Chemical of Potential Concern	Units	Arithmetic Mean (1)	95% UCL of Normal Data	Maximum Detected Concentration	Maximum Qualifier	EPC Units	Reasonable Maximum Exposure			Central Tendency		
							Medium EPC Value	Medium EPC Statistic	Medium EPC Rationale	Medium EPC Value	Medium EPC Statistic	Medium EPC Rationale
Cyanide	mg/kg	1	--	7.6	-	mg/kg	2	UCL-NP	95% Chebyshev (MVUE)	2	UCL-NP	95% Chebyshev (MVUE)
Iron	mg/kg	27,000	--	47,700	-	mg/kg	41,575	UCL-T	95% H-UCL	41,575	UCL-T	95% H-UCL
Manganese	mg/kg	349	--	745	-	mg/kg	745	Max	< 10 samples	745	Max	< 10 samples
Thallium	mg/kg	1.5	--	7.6	J	mg/kg	3	UCL-T	95% H-UCL	3	UCL-T	95% H-UCL
Vanadium	mg/kg	42.1	--	87.9	J	mg/kg	63	UCL-T	95% H-UCL	63	UCL-T	95% H-UCL

Statistics: Maximum Detected Value (Max); 95% UCL of Normal Data (95% UCL-N); 95% UCL of Log-transformed Data (95% UCL-T); Mean of Log-transformed Data (Mean-T); Mean of Normal Data (Mean-N); Non-Parametric distribution (UCL-NP).

Notes:

(1) For sample results reported as non-detect, 1/2 the sample quantitation limit was used as a proxy concentration for purposes of the arithmetic mean and the statistics. For duplicate sample results, the average value was used in the calculation.

301803

TABLE 3.2.2
MEDIUM-SPECIFIC EXPOSURE POINT CONCENTRATION SUMMARY
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers

Chemical of Potential Concern	Units	Arithmetic Mean (1)	95% UCL of Normal Data	Maximum Detected Concentration	Maximum Qualifier	EPC Units	Reasonable Maximum Exposure			Central Tendency		
							Medium EPC Value	Medium EPC Statistic	Medium EPC Rationale	Medium EPC Value	Medium EPC Statistic	Medium EPC Rationale
Benzene	mg/kg	--	--	0.009	J	mg/kg	0.009	Max	Statistic > Maximum	0.009	Max	Statistic > Maximum
cis-1,2-Dichloroethylene	mg/kg	--	--	0.104	J	mg/kg	0.07	UCL-NP	95% Chebyshev	0.07	UCL-NP	95% Chebyshev
Trichloroethene	mg/kg	--	--	0.14	-	mg/kg	0.09	UCL-T	95% Chebyshev (MVUE)	0.09	UCL-T	95% Chebyshev (MVUE)
2-Methylnaphthalene	mg/kg	--	--	0.695	J	mg/kg	0.55	UCL-T	95% H-UCL	0.55	UCL-T	95% H-UCL
Acenaphthene	mg/kg	--	--	0.22	J	mg/kg	0.22	Max	Statistic > Maximum	0.22	Max	Statistic > Maximum
Benzo(a)anthracene	mg/kg	--	--	2.7	J	mg/kg	2.7	Max	Statistic > Maximum	2.7	Max	Statistic > Maximum
Benzo(a)pyrene	mg/kg	--	--	2.8	J	mg/kg	2.8	Max	Statistic > Maximum	2.8	Max	Statistic > Maximum
Benzo(b)fluoranthene	mg/kg	--	--	3.3	J	mg/kg	3.3	Max	Statistic > Maximum	3.3	Max	Statistic > Maximum
Benzo(k)fluoranthene	mg/kg	--	--	2.7	J	mg/kg	2.65	UCL-T	95% Chebyshev (MVUE)	2.65	UCL-T	95% Chebyshev (MVUE)
Chrysene	mg/kg	--	--	3.4	J	mg/kg	3.37	UCL-T	95% Chebyshev (MVUE)	3.37	UCL-T	95% Chebyshev (MVUE)
Dibenzofuran	mg/kg	--	--	0.25	J	mg/kg	0.25	Max	Statistic > Maximum	0.25	Max	Statistic > Maximum
Dibenz(ah)anthracene	mg/kg	--	--	0.83	J	mg/kg	0.61	UCL-T	95% H-UCL	0.61	UCL-T	95% H-UCL
Fluoranthene	mg/kg	--	--	3.8	JD	mg/kg	3.8	Max	Statistic > Maximum	3.8	Max	Statistic > Maximum
Fluorene	mg/kg	--	--	0.27	J	mg/kg	0.27	Max	Statistic > Maximum	0.27	Max	Statistic > Maximum
Indeno(1,2,3-cd)pyrene	mg/kg	--	--	2.3	J	mg/kg	2.28	UCL-T	95% Chebyshev (MVUE)	2.28	UCL-T	95% Chebyshev (MVUE)
Naphthalene	mg/kg	--	--	0.44	J	mg/kg	0.37	UCL-T	95% H-UCL	0.37	UCL-T	95% H-UCL
Phenanthrene	mg/kg	--	--	2.1	JD	mg/kg	2.1	Max	Statistic > Maximum	2.1	Max	Statistic > Maximum
Pyrene	mg/kg	--	--	6	J	mg/kg	5.4	UCL-T	95% Chebyshev (MVUE)	5.4	UCL-T	95% Chebyshev (MVUE)
2,3,7,8-TCDD equ.	mg/kg	--	--	0.008	-	mg/kg	0.008	Max	< 10 samples	0.008	Max	< 10 samples
4,4'-DDE	mg/kg	--	--	25	JD	mg/kg	13.7	UCL-T	Chebyshev - Investigate	13.7	UCL-T	Chebyshev - Investigate
4,4'-DDT	mg/kg	--	--	0.8	-	mg/kg	0.8	Max	Statistic > Maximum	0.8	Max	Statistic > Maximum
Acetophenone	mg/kg	--	--	0.34	J	mg/kg	0.3	UCL-T	95% H-UCL	0.3	UCL-T	95% H-UCL
alpha-BHC	mg/kg	--	--	0.075	-	mg/kg	0.075	Max	Statistic > Maximum	0.075	Max	Statistic > Maximum
alpha-chlordane	mg/kg	--	--	0.23	JN	mg/kg	0.23	Max	< 10 samples	0.23	Max	< 10 samples
Aroclor-1254	mg/kg	--	--	924	J	mg/kg	544	UCL-T	Chebyshev - Investigate	544	UCL-T	Chebyshev - Investigate
Aroclor 1260	mg/kg	--	--	0.22	JN	mg/kg	0.22	Max	Statistic > Maximum	0.22	Max	Statistic > Maximum
Dieldrin	mg/kg	--	--	29	J	mg/kg	16.5	UCL-T	Chebyshev - Investigate	16.5	UCL-T	Chebyshev - Investigate
Endrin aldehyde	mg/kg	--	--	120	J	mg/kg	3.5	UCL-T	Chebyshev - Investigate	3.5	UCL-T	Chebyshev - Investigate
gamma-Chlordane	mg/kg	--	--	0.32	JD	mg/kg	0.32	Max	Statistic > Maximum	0.32	Max	Statistic > Maximum
Heptachlor	mg/kg	--	--	0.41	J	mg/kg	0.41	Max	Statistic > Maximum	0.41	Max	Statistic > Maximum
Heptachlor epoxide	mg/kg	--	--	11.8	JN	mg/kg	6.7	UCL-T	Chebyshev - Investigate	6.7	UCL-T	Chebyshev - Investigate

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TABLE 3.2.2
MEDIUM-SPECIFIC EXPOSURE POINT CONCENTRATION SUMMARY
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers

Chemical of Potential Concern	Units	Arithmetic Mean (1)	95% UCL of Normal Data	Maximum Detected Concentration	Maximum Qualifier	EPC Units	Reasonable Maximum Exposure			Central Tendency		
							Medium EPC Value	Medium EPC Statistic	Medium EPC Rationale	Medium EPC Value	Medium EPC Statistic	Medium EPC Rationale
Dioxin-like PCBs	mg/kg	--	--	3.8	-	mg/kg	3.8	Max	< 10 samples	3.8	Max	< 10 samples
Nondioxin-like PCBs	mg/kg	--	--	31,558	-	mg/kg	31,558	Max	< 10 samples	31,558	Max	< 10 samples
Total PCBs	mg/kg	--	--	926	-	mg/kg	926	Max	Statistic > Maximum	926	Max	Statistic > Maximum
Aluminum	mg/kg	--	--	42,100	-	mg/kg	28,009	UCL-T	95% H-UCL	28,009	UCL-T	95% H-UCL
Antimony	mg/kg	--	--	10.2	B	mg/kg	7.2	UCL-T	95% H-UCL	7.2	UCL-T	95% H-UCL
Arsenic	mg/kg	--	--	38.3	J	mg/kg	32	UCL-T	95% H-UCL	32	UCL-T	95% H-UCL
Barium	mg/kg	--	381	765	-	mg/kg	381	UCL-N	Student's T	381	UCL-N	Student's T
Cadmium	mg/kg	--	--	40.2	J	mg/kg	40.2	Max	Statistic > Maximum	40.2	Max	Statistic > Maximum
Chromium (total)	mg/kg	--	45	77.5	J	mg/kg	45	UCL-N	Student's T	45	UCL-N	Student's T
Cyanide	mg/kg	--	--	1.3	-	mg/kg	0.88	UCL-T	95% H-UCL	0.88	UCL-T	95% H-UCL
Iron	mg/kg	--	34,473	47,700	-	mg/kg	34,473	UCL-N	Student's T	34,473	UCL-N	Student's T
Manganese	mg/kg	--	--	745	-	mg/kg	745	Max	< 10 samples	745	Max	< 10 samples
Thallium	mg/kg	--	--	2.2	J	mg/kg	1.7	UCL-T	95% H-UCL	1.7	UCL-T	95% H-UCL
Vanadium	mg/kg	--	55	87.9	J	mg/kg	55	UCL-N	Student's T	55	UCL-N	Student's T

Statistics: Maximum Detected Value (Max); 95% UCL of Normal Data (95% UCL-N); 95% UCL of Log-transformed Data (95% UCL-T); Mean of Log-transformed Data (Mean-T); Mean of Normal Data (Mean-N); Non-Parametric distribution (UCL-NP).

Notes:

(1) For sample results reported as non-detect, 1/2 the sample quantitation limit was used as a proxy concentration for purposes of the arithmetic mean and the statistics.
For duplicate sample results, the average value was used in the calculation.
Arithmetic mean not calculated for sample group without outliers.

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TABLE 3.3.1
MEDIUM-SPECIFIC EXPOSURE POINT CONCENTRATION SUMMARY
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current/Future
Medium: All Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers

Chemical of Potential Concern	Units	Arithmetic Mean (1)	95% UCL of Normal Data	Maximum Detected Concentration	Maximum Qualifier	EPC Units	Reasonable Maximum Exposure			Central Tendency		
							Medium EPC Value	Medium EPC Statistic	Medium EPC Rationale	Medium EPC Value	Medium EPC Statistic	Medium EPC Rationale
Benzene	mg/kg	0.0055	--	0.001	J	mg/kg	0.001	Max	Statistic > Maximum	0.001	--	Statistic > Maximum
Trichloroethene	mg/kg	0.0168	--	0.25	J	mg/kg	0.04	UCL-NP	95% Chebyshev	0.04	UCL-NP	95% Chebyshev
2-Methylnaphthalene	mg/kg	0.47	--	5.7	-	mg/kg	0.86	UCL-NP	95% Chebyshev	0.86	UCL-NP	95% Chebyshev
Benzo(a)anthracene	mg/kg	0.72	--	16	-	mg/kg	1.6	UCL-NP	95% Chebyshev	1.6	UCL-NP	95% Chebyshev
Benzo(a)pyrene	mg/kg	0.65	--	14	-	mg/kg	1.3	UCL-NP	95% Chebyshev	1.3	UCL-NP	95% Chebyshev
Benzo(b)fluoranthene	mg/kg	0.69	--	6.7	-	mg/kg	1.2	UCL-NP	95% Chebyshev	1.2	UCL-NP	95% Chebyshev
Benzo(k)fluoranthene	mg/kg	0.7	--	19	-	mg/kg	1.6	UCL-NP	95% Chebyshev	1.6	UCL-NP	95% Chebyshev
Dibenz(ah)anthracene	mg/kg	0.35	--	2.1	J	mg/kg	0.53	UCL-NP	95% Chebyshev	0.53	UCL-NP	95% Chebyshev
Indeno(1,2,3-cd)pyrene	mg/kg	0.47	--	6	-	mg/kg	0.81	UCL-NP	95% Chebyshev	0.81	UCL-NP	95% Chebyshev
4,4'-DDE	mg/kg	0.81	--	12	JN	mg/kg	2.0	UCL-NP	95% Chebyshev	2	UCL-NP	95% Chebyshev
Aldrin	mg/kg	0.84	--	27	-	mg/kg	2.4	UCL-NP	95% Chebyshev	2.4	UCL-NP	95% Chebyshev
alpha-BHC	mg/kg	0.061	--	1.5	JD	mg/kg	0.16	UCL-NP	95% Chebyshev	0.16	UCL-NP	95% Chebyshev
alpha-chlordane	mg/kg	0.061	--	0.77	JN	mg/kg	0.14	UCL-NP	95% Chebyshev	0.14	UCL-NP	95% Chebyshev
Aroclor 1242	mg/kg	2.9	--	140	JD	mg/kg	9.6	UCL-NP	95% Chebyshev	9.6	UCL-NP	95% Chebyshev
Aroclor 1248	mg/kg	14	--	1,100	JD	mg/kg	62.7	UCL-NP	95% Chebyshev	62.7	UCL-NP	95% Chebyshev
Aroclor-1254	mg/kg	47	--	1,000	D	mg/kg	108	UCL-NP	95% Chebyshev	108	UCL-NP	95% Chebyshev
Dieldrin	mg/kg	0.74	--	43	-	mg/kg	2.9	UCL-NP	95% Chebyshev	2.9	UCL-NP	95% Chebyshev
Endosulfan sulfate	mg/kg	0.14	--	2.5	JD	mg/kg	0.32	UCL-NP	95% Chebyshev	0.32	UCL-NP	95% Chebyshev
Endrin	mg/kg	0.48	--	26	JD	mg/kg	1.8	UCL-NP	95% Chebyshev	1.8	UCL-NP	95% Chebyshev
Heptachlor	mg/kg	0.37	--	32	JND	mg/kg	1.8	UCL-NP	95% Chebyshev	1.8	UCL-NP	95% Chebyshev
Heptachlor epoxide	mg/kg	0.38	--	7.3	JND	mg/kg	0.91	UCL-NP	95% Chebyshev	0.91	UCL-NP	95% Chebyshev
Total PCBs	mg/kg	66	--	1,329	-	mg/kg	154	UCL-NP	95% Chebyshev	154	UCL-NP	95% Chebyshev
Aluminum	mg/kg	10,709	--	60,200	-	mg/kg	13,580	UCL-NP	95% Chebyshev	13,580	UCL-NP	95% Chebyshev
Antimony	mg/kg	1.65	--	26.4	-	mg/kg	3.2	UCL-NP	95% Chebyshev	3.2	UCL-NP	95% Chebyshev
Arsenic	mg/kg	12	--	92.1	-	mg/kg	21	UCL-NP	95% Chebyshev	21	UCL-NP	95% Chebyshev
Barium	mg/kg	187	--	1,560	-	mg/kg	292	UCL-NP	95% Chebyshev	292	UCL-NP	95% Chebyshev
Cadmium	mg/kg	4	--	162	-	mg/kg	12.8	UCL-NP	95% Chebyshev	12.8	UCL-NP	95% Chebyshev
Chromium (total)	mg/kg	22.5	--	129	J	mg/kg	24.8	UCL-T	95% H-UCL	24.8	UCL-T	95% H-UCL
Copper	mg/kg	131	--	2,630	-	mg/kg	308	UCL-NP	95% Chebyshev	308	UCL-NP	95% Chebyshev
Iron	mg/kg	23,736	--	147,000	-	mg/kg	25,928	UCL-T	95% H-UCL	25,928	UCL-T	95% H-UCL
Lead (see lead sheets)	mg/kg	795	--	52,600	-	mg/kg	--	--	--	--	--	--
Manganese	mg/kg	648	--	2,050	-	mg/kg	799	UCL-NP	95% Chebyshev	799	UCL-NP	95% Chebyshev
Mercury	mg/kg	0.28	--	8.1	-	mg/kg	0.73	UCL-NP	95% Chebyshev	0.73	UCL-NP	95% Chebyshev
Nickel	mg/kg	34	--	377	-	mg/kg	53	UCL-NP	95% Chebyshev	53	UCL-NP	95% Chebyshev

301806

TABLE 3.3.1
MEDIUM-SPECIFIC EXPOSURE POINT CONCENTRATION SUMMARY
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current/Future
Medium: All Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers

Chemical of Potential Concern	Units	Arithmetic Mean (1)	95% UCL of Normal Data	Maximum Detected Concentration	Maximum Qualifier	EPC Units	Reasonable Maximum Exposure			Central Tendency		
							Medium EPC Value	Medium EPC Statistic	Medium EPC Rationale	Medium EPC Value	Medium EPC Statistic	Medium EPC Rationale
Thallium	mg/kg	1.8	--	12.9	-	mg/kg	2.8	UCL-NP	95% Chebyshev	2.8	UCL-NP	95% Chebyshev
Vanadium	mg/kg	28	--	244	-	mg/kg	39	UCL-NP	95% Chebyshev	39	UCL-NP	95% Chebyshev
Cyanide	mg/kg	0.22	--	6.8	-	mg/kg	0.51	UCL-NP	95% Chebyshev	0.51	UCL-NP	95% Chebyshev

Statistics: Maximum Detected Value (Max); 95% UCL of Normal Data (95% UCL-N); 95% UCL of Log-transformed Data (95% UCL-T); Mean of Log-transformed Data (Mean-T); Mean of Normal Data (Mean-N); Non-Parametric distribution (UCL-NP).

Notes:

(1) For sample results reported as non-detect, 1/2 the sample quantitation limit was used as a proxy concentration for purposes of the arithmetic mean and the statistics. For duplicate sample results, the average value was used in the calculation.

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TABLE 3.3.2
MEDIUM-SPECIFIC EXPOSURE POINT CONCENTRATION SUMMARY
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: All Soils
Exposure Medium: All Soil
Exposure Point: Area A without Outliers

Chemical of Potential Concern	Units	Arithmetic Mean (1)	95% UCL of Normal Data	Maximum Detected Concentration	Maximum Qualifier	EPC Units	Reasonable Maximum Exposure			Central Tendency		
							Medium EPC Value	Medium EPC Statistic	Medium EPC Rationale	Medium EPC Value	Medium EPC Statistic	Medium EPC Rationale
Benzene	mg/kg	--	--	0.001	J	mg/kg	0.001	--	Statistic > Maximum	0.001	--	Statistic > Maximum
Trichloroethene	mg/kg	--	--	0.17	-	mg/kg	0.027	UCL-NP	95% Chebyshev	0.027	UCL-NP	95% Chebyshev
2-Methylnaphthalene	mg/kg	--	--	5.7	-	mg/kg	0.86	UCL-NP	95% Chebyshev	0.86	UCL-NP	95% Chebyshev
Benzo(a)anthracene	mg/kg	--	--	3.6	-	mg/kg	0.80	UCL-NP	95% Chebyshev	0.80	UCL-NP	95% Chebyshev
Benzo(a)pyrene	mg/kg	--	--	3.1	-	mg/kg	0.85	UCL-NP	95% Chebyshev	0.85	UCL-NP	95% Chebyshev
Benzo(b)fluoranthene	mg/kg	--	--	6.7	-	mg/kg	1.2	UCL-NP	95% Chebyshev	1.2	UCL-NP	95% Chebyshev
Benzo(k)fluoranthene	mg/kg	--	--	3.4	-	mg/kg	0.71	UCL-NP	95% Chebyshev	0.71	UCL-NP	95% Chebyshev
Dibenz(ah)anthracene	mg/kg	--	--	2.1	J	mg/kg	0.53	UCL-NP	95% Chebyshev	0.53	UCL-NP	95% Chebyshev
Indeno(1,2,3-cd)pyrene	mg/kg	--	--	2.2	-	mg/kg	0.65	UCL-NP	95% Chebyshev	0.65	UCL-NP	95% Chebyshev
4,4'-DDE	mg/kg	--	--	12	JN	mg/kg	2.0	UCL-NP	95% Chebyshev	2.0	UCL-NP	95% Chebyshev
Aldrin	mg/kg	--	--	9.2	-	mg/kg	1.3	UCL-NP	95% Chebyshev	1.3	UCL-NP	95% Chebyshev
alpha-BHC	mg/kg	--	--	1.5	JD	mg/kg	0.16	UCL-NP	95% Chebyshev	0.16	UCL-NP	95% Chebyshev
alpha-chlordane	mg/kg	--	--	0.77	JN	mg/kg	0.14	UCL-NP	95% Chebyshev	0.14	UCL-NP	95% Chebyshev
Aroclor 1242	mg/kg	--	--	39	JD	mg/kg	4.2	UCL-NP	95% Chebyshev	4.2	UCL-NP	95% Chebyshev
Aroclor 1248	mg/kg	--	--	200	JD	mg/kg	11	UCL-NP	95% Chebyshev	11	UCL-NP	95% Chebyshev
Aroclor-1254	mg/kg	--	--	430	D	mg/kg	80	UCL-NP	95% Chebyshev	80	UCL-NP	95% Chebyshev
Dieldrin	mg/kg	--	--	2.3	-	mg/kg	0.26	UCL-NP	95% Chebyshev	0.26	UCL-NP	95% Chebyshev
Endosulfan sulfate	mg/kg	--	--	2.5	JD	mg/kg	0.32	UCL-NP	95% Chebyshev	0.32	UCL-NP	95% Chebyshev
Endrin	mg/kg	--	--	2.2	JD	mg/kg	0.43	UCL-NP	95% Chebyshev	0.43	UCL-NP	95% Chebyshev
Heptachlor	mg/kg	--	--	1.5	JND	mg/kg	0.12	UCL-NP	95% Chebyshev	0.12	UCL-NP	95% Chebyshev
Heptachlor epoxide	mg/kg	--	--	7.3	JND	mg/kg	0.91	UCL-NP	95% Chebyshev	0.91	UCL-NP	95% Chebyshev
Total PCBs	mg/kg	--	--	1,144	-	mg/kg	122	UCL-NP	95% Chebyshev	122	UCL-NP	95% Chebyshev
Aluminum	mg/kg	--	--	26,900	-	mg/kg	12,135	UCL-NP	95% Chebyshev	12,135	UCL-NP	95% Chebyshev
Antimony	mg/kg	--	--	26.4	-	mg/kg	3.2	UCL-NP	95% Chebyshev	3.2	UCL-NP	95% Chebyshev
Arsenic	mg/kg	--	--	92.1	-	mg/kg	21	UCL-NP	95% Chebyshev	21	UCL-NP	95% Chebyshev
Barium	mg/kg	--	--	1,560	-	mg/kg	292	UCL-NP	95% Chebyshev	292	UCL-NP	95% Chebyshev
Cadmium	mg/kg	--	--	72.7	-	mg/kg	7.6	UCL-NP	95% Chebyshev	7.6	UCL-NP	95% Chebyshev
Chromium (total)	mg/kg	--	--	129	J	mg/kg	25	UCL-T	95% H-UCL	25	UCL-T	95% H-UCL
Copper	mg/kg	--	--	2,630	-	mg/kg	308	UCL-NP	95% Chebyshev	308	UCL-NP	95% Chebyshev
Iron	mg/kg	--	--	147,000	-	mg/kg	25,928	UCL-T	95% H-UCL	25,928	UCL-T	95% H-UCL
Lead (see lead sheets)	mg/kg	--	--	52,600	-	mg/kg	--	--	--	--	--	--
Manganese	mg/kg	--	--	2,050	-	mg/kg	799	UCL-NP	95% Chebyshev	799	UCL-NP	95% Chebyshev

301808

TABLE 3.3.2
MEDIUM-SPECIFIC EXPOSURE POINT CONCENTRATION SUMMARY
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: All Soils
Exposure Medium: All Soil
Exposure Point: Area A without Outliers

Chemical of Potential Concern	Units	Arithmetic Mean (1)	95% UCL of Normal Data	Maximum Detected Concentration	Maximum Qualifier	EPC Units	Reasonable Maximum Exposure			Central Tendency		
							Medium EPC Value	Medium EPC Statistic	Medium EPC Rationale	Medium EPC Value	Medium EPC Statistic	Medium EPC Rationale
Mercury	mg/kg	--	--	0.73	-	mg/kg	0.21	UCL-NP	95% Chebyshev	0.21	UCL-NP	95% Chebyshev
Nickel	mg/kg	--	--	189	-	mg/kg	42	UCL-NP	95% Chebyshev	42	UCL-NP	95% Chebyshev
Thallium	mg/kg	--	--	12.9	-	mg/kg	2.8	UCL-NP	95% Chebyshev	2.8	UCL-NP	95% Chebyshev
Vanadium	mg/kg	--	--	122	-	mg/kg	28	UCL-T	95% H-UCL	28	UCL-T	95% H-UCL
Cyanide	mg/kg	--	--	6.8	-	mg/kg	0.2	UCL-NP	95% Chebyshev	0.2	UCL-NP	95% Chebyshev

Statistics: Maximum Detected Value (Max); 95% UCL of Normal Data (95% UCL-N); 95% UCL of Log-transformed Data (95% UCL-T); Mean of Log-transformed Data (Mean-T); Mean of Normal Data (Mean-N); Non-Parametric distribution (UCL-NP).

Notes:

(1) For sample results reported as non-detect, 1/2 the sample quantitation limit was used as a proxy concentration for purposes of the arithmetic mean and the statistics.
For duplicate sample results, the average value was used in the calculation.
Arithmetic mean not calculated for sample group without outliers.

301809

TABLE 3.4.1
MEDIUM-SPECIFIC EXPOSURE POINT CONCENTRATION SUMMARY
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: All Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers

Chemical of Potential Concern	Units	Arithmetic Mean (1)	95% UCL of Normal Data	Maximum Detected Concentration	Maximum Qualifier	EPC Units	Reasonable Maximum Exposure			Central Tendency		
							Medium EPC Value	Medium EPC Statistic	Medium EPC Rationale	Medium EPC Value	Medium EPC Statistic	Medium EPC Rationale
1,1-Dichloroethylene	mg/kg	0.13	--	0.08	J	mg/kg	0.08	Max	Statistic > Maximum	0.08	Max	Statistic > Maximum
1,3-Dichlorobenzene	mg/kg	0.17	--	1.8	J	mg/kg	0.48	UCL-NP	95% Chebyshev	0.48	UCL-NP	95% Chebyshev
Benzene	mg/kg	0.13	--	0.25	J	mg/kg	0.25	Max	Statistic > Maximum	0.25	Max	Statistic > Maximum
cis-1,2-dichloroethylene	mg/kg	2.4	--	55	-	mg/kg	7.1	UCL-NP	95% Chebyshev	7.1	UCL-NP	95% Chebyshev
Tetrachloroethylene	mg/kg	0.31	--	6.6	JD	mg/kg	0.91	UCL-NP	95% Chebyshev	0.91	UCL-NP	95% Chebyshev
Trichloroethene	mg/kg	3.1	--	47	JD	mg/kg	8.4	UCL-NP	95% Chebyshev	8.4	UCL-NP	95% Chebyshev
Vinyl chloride	mg/kg	0.15	--	2.8	J	mg/kg	0.42	UCL-NP	95% Chebyshev	0.42	UCL-NP	95% Chebyshev
2-Methylnaphthalene	mg/kg	11	--	460	J	mg/kg	47.6	UCL-NP	95% Chebyshev	47.6	UCL-NP	95% Chebyshev
Acenaphthene	mg/kg	56	--	2,800	-	mg/kg	276	UCL-NP	95% Chebyshev	276	UCL-NP	95% Chebyshev
Benzo(a)anthracene	mg/kg	32	--	920	J	mg/kg	111	UCL-NP	95% Chebyshev	111	UCL-NP	95% Chebyshev
Benzo(a)pyrene	mg/kg	26	--	520	J	mg/kg	84	UCL-NP	95% Chebyshev	84	UCL-NP	95% Chebyshev
Benzo(b)fluoranthene	mg/kg	28	--	460	J	mg/kg	28	UCL-T	99% Chebyshev (MVUE)	28	UCL-T	99% Chebyshev (MVUE)
Benzo(k)fluoranthene	mg/kg	19	--	450	J	mg/kg	63	UCL-NP	95% Chebyshev	63	UCL-NP	95% Chebyshev
Carbazole	mg/kg	3.7	--	68	J	mg/kg	10	UCL-NP	95% Chebyshev	10	UCL-NP	95% Chebyshev
Chrysene	mg/kg	31	--	830	J	mg/kg	105	UCL-NP	95% Chebyshev	105	UCL-NP	95% Chebyshev
Dibenzofuran	mg/kg	33	--	1,700	J	mg/kg	168	UCL-NP	95% Chebyshev	168	UCL-NP	95% Chebyshev
Dibenz(ah)anthracene	mg/kg	5.1	--	75	J	mg/kg	14	UCL-NP	95% Chebyshev	14	UCL-NP	95% Chebyshev
Fluoranthene	mg/kg	100	--	4,000	JD	mg/kg	3.6	UCL-NP	95% Chebyshev	3.6	UCL-NP	95% Chebyshev
Fluorene	mg/kg	40	--	2,000	J	mg/kg	197	UCL-NP	95% Chebyshev	197	UCL-NP	95% Chebyshev
Indeno(1,2,3-cd)pyrene	mg/kg	10	--	260	J	mg/kg	35	UCL-NP	95% Chebyshev	35	UCL-NP	95% Chebyshev
Naphthalene	mg/kg	5.1	--	130	J	mg/kg	17	UCL-NP	95% Chebyshev	17	UCL-NP	95% Chebyshev
Phenanthrene	mg/kg	148	--	7,000	JD	mg/kg	700	UCL-NP	95% Chebyshev	700	UCL-NP	95% Chebyshev
Pyrene	mg/kg	67	--	2,600	J	mg/kg	40	UCL-T	95% Chebyshev (MVUE)	40	UCL-T	95% Chebyshev (MVUE)
2,3,7,8-TCDD equ.	mg/kg		--		-	mg/kg		Max	< 10 samples		Max	< 10 samples
4,4'-DDE	mg/kg	225	--	9,700	JD	mg/kg	1,038	UCL-T	Chebyshev - Investigate	1,038	UCL-T	Chebyshev - Investigate
4,4'-DDT	mg/kg	474	--	25,000	D	mg/kg	2,483	UCL-NP	95% Chebyshev	2,483	UCL-NP	95% Chebyshev
Acetophenone	mg/kg	6.1	--	0.76	J	mg/kg	0.76	Max	Statistic > Maximum	0.76	Max	Statistic > Maximum
Aldrin	mg/kg	28	--	1,100	JD	mg/kg	120	UCL-NP	95% Chebyshev	120	UCL-NP	95% Chebyshev
alpha-BHC	mg/kg	1.7	--	3	-	mg/kg	3	Max	Statistic > Maximum	3	Max	Statistic > Maximum
alpha-chlordane	mg/kg	1.5	--	2.1	JN	mg/kg	2.1	Max	Statistic > Maximum	2.1	Max	Statistic > Maximum
Aroclor 1242	mg/kg	242	--	5,600	D	mg/kg	807	UCL-NP	95% Chebyshev	807	UCL-NP	95% Chebyshev
Aroclor 1248	mg/kg	729	--	29,000	JD	mg/kg	3,103	UCL-NP	95% Chebyshev	3,103	UCL-NP	95% Chebyshev
Aroclor-1254	mg/kg	3,656	--	130,000	J	mg/kg	14,206	UCL-T	Chebyshev - Investigate	14,206	UCL-T	Chebyshev - Investigate
Dieldrin	mg/kg	267	--	11,000	JND	mg/kg	1,254	UCL-NP	95% Chebyshev	1,254	UCL-NP	95% Chebyshev

301810

TABLE 3.4.1
MEDIUM-SPECIFIC EXPOSURE POINT CONCENTRATION SUMMARY
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: All Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers

Chemical of Potential Concern	Units	Arithmetic Mean (1)	95% UCL of Normal Data	Maximum Detected Concentration	Maximum Qualifier	EPC Units	Reasonable Maximum Exposure			Central Tendency		
							Medium EPC Value	Medium EPC Statistic	Medium EPC Rationale	Medium EPC Value	Medium EPC Statistic	Medium EPC Rationale
Endosulfan sulfate	mg/kg	7	--	76	JD	mg/kg	20	UCL-T	95% Chebyshev-Invest.	20	UCL-T	95% Chebyshev-Invest.
Endrin	mg/kg	3.5	--	15	J	mg/kg	14	UCL-NP	95% Chebyshev	14	UCL-NP	95% Chebyshev
Endrin aldehyde	mg/kg	39	--	1,700	JN	mg/kg	183	UCL-NP	95% Chebyshev	183	UCL-NP	95% Chebyshev
gamma-Chlordane	mg/kg	229	--	8,200	JD	mg/kg	1,222	UCL-NP	95% Chebyshev	1,222	UCL-NP	95% Chebyshev
Heptachlor	mg/kg	2.1	--	30	JND	mg/kg	7.3	UCL-NP	95% Chebyshev	7.3	UCL-NP	95% Chebyshev
Heptachlor epoxide	mg/kg	34	--	1,200	JN	mg/kg	143	UCL-NP	95% Chebyshev	143	UCL-NP	95% Chebyshev
Dioxin-like PCBs	mg/kg		--	3.8	-	mg/kg		Max	< 10 samples		Max	< 10 samples
Nondioxin-like PCBs	mg/kg		--	31,558	-	mg/kg		Max	< 10 samples		Max	< 10 samples
Total PCBs	mg/kg	4,654	--	137,400	-	mg/kg	15,783	UCL-T	95% Chebyshev	15,783	UCL-T	95% Chebyshev
Aluminum	mg/kg	15,985	--	228,000	J	mg/kg	33,832	UCL-NP	95% Chebyshev	33,832	UCL-NP	95% Chebyshev
Antimony	mg/kg	3.1	--	22	JB	mg/kg	5.7	UCL-NP	95% Chebyshev	5.7	UCL-NP	95% Chebyshev
Arsenic	mg/kg	40	--	1,060	-	mg/kg	46.3	UCL-T	95% H-UCL	46.3	UCL-T	95% H-UCL
Barium	mg/kg	424	--	3,690	-	mg/kg	869	UCL-NP	95% Chebyshev	869	UCL-NP	95% Chebyshev
Cadmium	mg/kg	13	--	195	-	mg/kg	32	UCL-NP	95% Chebyshev	32	UCL-NP	95% Chebyshev
Chromium (total)	mg/kg	39	--	408	-	mg/kg	75	UCL-NP	95% Chebyshev	75	UCL-NP	95% Chebyshev
Copper	mg/kg	1,696	--	57,600	-	mg/kg	7,108	UCL-NP	95% Chebyshev	7,108	UCL-NP	95% Chebyshev
Iron	mg/kg	32,463	--	108,000	-	mg/kg	46,753	UCL-NP	95% Chebyshev	46,753	UCL-NP	95% Chebyshev
Lead (see lead sheets)	mg/kg	476	--	6,410	-	mg/kg	--	--	--	--	--	--
Manganese	mg/kg	414	--	989	-	mg/kg	463	UCL-N	Student's T	463	UCL-N	Student's T
Mercury	mg/kg	0.5	--	5.5	J	mg/kg	1.1	UCL-NP	95% Chebyshev	1.1	UCL-NP	95% Chebyshev
Silver	mg/kg	4.4	--	42	-	mg/kg	9.8	UCL-T	95% H-UCL	9.8	UCL-T	95% H-UCL
Thallium	mg/kg	0.9	--	7.6	J	mg/kg	1	UCL-T	95% H-UCL	1	UCL-T	95% H-UCL
Vanadium	mg/kg	42	--	532	-	mg/kg	84	UCL-NP	95% Chebyshev	84	UCL-NP	95% Chebyshev
Zinc	mg/kg	712	--	14,000	J	mg/kg	1,903	UCL-NP	95% Chebyshev	1,903	UCL-NP	95% Chebyshev
Cyanide	mg/kg	0.43	--	7.6	-	mg/kg	1.1	UCL-NP	95% Chebyshev	1.1	UCL-NP	95% Chebyshev

Statistics: Maximum Detected Value (Max); 95% UCL of Normal Data (95% UCL-N); 95% UCL of Log-transformed Data (95% UCL-T); Mean of Log-transformed Data (Mean-T); Mean of Normal Data (Mean-N); Non-Parametric distribution (UCL-NP).

Notes:

(1) For sample results reported as non-detect, 1/2 the sample quantitation limit was used as a proxy concentration for purposes of the arithmetic mean and the statistics. For duplicate sample results, the average value was used in the calculation.

301811

TABLE 3.4.2
MEDIUM-SPECIFIC EXPOSURE POINT CONCENTRATION SUMMARY
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: All Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers

Chemical of Potential Concern	Units	Arithmetic Mean (1)	95% UCL of Normal Data	Maximum Detected Concentration	Maximum Qualifier	EPC Units	Reasonable Maximum Exposure			Central Tendency		
							Medium EPC Value	Medium EPC Statistic	Medium EPC Rationale	Medium EPC Value	Medium EPC Statistic	Medium EPC Rationale
1,1-Dichloroethylene	mg/kg	--	--	0.08	J	mg/kg	0.08	Max	Statistic > Maximum	0.08	Max	Statistic > Maximum
1,3-Dichlorobenzene	mg/kg	--	--	1.8	J	mg/kg	0.48	UCL-NP	95% Chebyshev	0.48	UCL-NP	95% Chebyshev
Benzene	mg/kg	--	--	0.25	J	mg/kg	0.25	Max	Statistic > Maximum	0.25	Max	Statistic > Maximum
cis-1,2-dichloroethylene	mg/kg	--	--	10	-	mg/kg	2.4	UCL-NP	95% Chebyshev	2.4	UCL-NP	95% Chebyshev
Tetrachloroethylene	mg/kg	--	--	1.7	JD	mg/kg	0.49	UCL-NP	95% Chebyshev	0.49	UCL-NP	95% Chebyshev
Trichloroethene	mg/kg	--	--	8.6	JD	mg/kg	2	UCL-NP	95% Chebyshev	2.0	UCL-NP	95% Chebyshev
Vinyl chloride	mg/kg	--	--	2.8	J	mg/kg	0.42	UCL-NP	95% Chebyshev	0.42	UCL-NP	95% Chebyshev
2-Methylnaphthalene	mg/kg	--	--	460	J	mg/kg	2.7	UCL-NP	95% Chebyshev	2.7	UCL-NP	95% Chebyshev
Acenaphthene	mg/kg	--	--	1.1	-	mg/kg	1.1	Max	Statistic > Maximum	1.1	Max	Statistic > Maximum
Benzo(a)anthracene	mg/kg	--	--	6.5	J	mg/kg	2.2	UCL-NP	95% Chebyshev	2.2	UCL-NP	95% Chebyshev
Benzo(a)pyrene	mg/kg	--	--	5.1	J	mg/kg	2.1	UCL-NP	95% Chebyshev	2.1	UCL-NP	95% Chebyshev
Benzo(b)fluoranthene	mg/kg	--	--	11	J	mg/kg	3.4	UCL-NP	95% Chebyshev	3.4	UCL-NP	95% Chebyshev
Benzo(k)fluoranthene	mg/kg	--	--	8.8	J	mg/kg	2.4	UCL-NP	95% Chebyshev	2.4	UCL-NP	95% Chebyshev
Carbazole	mg/kg	--	--	1.2	J	mg/kg	1.2	Max	Statistic > Maximum	1.2	Max	Statistic > Maximum
Chrysene	mg/kg	--	--	7.8	J	mg/kg	3.2	UCL-NP	95% Chebyshev	3.2	UCL-NP	95% Chebyshev
Dibenzofuran	mg/kg	--	--	25	J	mg/kg	4.7	UCL-NP	95% Chebyshev	4.7	UCL-NP	95% Chebyshev
Dibenz(ah)anthracene	mg/kg	--	--	1.8	J	mg/kg	1.8	Max	Statistic > Maximum	1.8	Max	Statistic > Maximum
Fluoranthene	mg/kg	--	--	4,000	JD	mg/kg	419	UCL-NP	95% Chebyshev	419	UCL-NP	95% Chebyshev
Fluorene	mg/kg	--	--	41	J	mg/kg	7.1	UCL-NP	95% Chebyshev	7.1	UCL-NP	95% Chebyshev
Indeno(1,2,3-cd)pyrene	mg/kg	--	--	4.25	J	mg/kg	1.9	UCL-NP	95% Chebyshev	1.9	UCL-NP	95% Chebyshev
Naphthalene	mg/kg	--	--	11	J	mg/kg	3.2	UCL-NP	95% Chebyshev	3.2	UCL-NP	95% Chebyshev
Phenanthrene	mg/kg	--	--	5.7	JD	mg/kg	2.1	UCL-NP	95% Chebyshev	2.1	UCL-NP	95% Chebyshev
Pyrene	mg/kg	--	--	8.9	J	mg/kg	2.9	UCL-NP	95% Chebyshev	2.9	UCL-NP	95% Chebyshev
2,3,7,8-TCDD equ.	mg/kg	--	--		-	mg/kg	0.008	Max	< 10 samples	0.008	Max	< 10 samples
4,4'-DDE	mg/kg	--	--	83	JD	mg/kg	20.8	UCL-NP	95% Chebyshev	20.8	UCL-NP	95% Chebyshev
4,4'-DDT	mg/kg	--	--	1	D	mg/kg	0.97	UCL-NP	95% Chebyshev	0.97	UCL-NP	95% Chebyshev
Acetophenone	mg/kg	--	--	0.76	J	mg/kg	0.76	Max	Statistic > Maximum	0.8	Max	Statistic > Maximum
Aldrin	mg/kg	--	--	65.5	JD	mg/kg	17	UCL-NP	95% Chebyshev	17	UCL-NP	95% Chebyshev
alpha-BHC	mg/kg	--	--	3	-	mg/kg	0.91	UCL-NP	95% Chebyshev	0.91	UCL-NP	95% Chebyshev
alpha-chlordane	mg/kg	--	--	2.1	JN	mg/kg	0.69	UCL-NP	95% Chebyshev	0.69	UCL-NP	95% Chebyshev
Aroclor 1242	mg/kg	--	--	110	D	mg/kg	29	UCL-NP	95% Chebyshev	29	UCL-NP	95% Chebyshev
Aroclor 1248	mg/kg	--	--	2,100	JD	mg/kg	454	UCL-NP	95% Chebyshev	454	UCL-NP	95% Chebyshev
Aroclor-1254	mg/kg	--	--	6,600	J	mg/kg	1,755	UCL-T	Chebyshev - Investigate	1,755	UCL-T	Chebyshev - Investigate

301812

TABLE 3.4.2
MEDIUM-SPECIFIC EXPOSURE POINT CONCENTRATION SUMMARY
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: All Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers

Chemical of Potential Concern	Units	Arithmetic Mean (1)	95% UCL of Normal Data	Maximum Detected Concentration	Maximum Qualifier	EPC Units	Reasonable Maximum Exposure			Central Tendency		
							Medium EPC Value	Medium EPC Statistic	Medium EPC Rationale	Medium EPC Value	Medium EPC Statistic	Medium EPC Rationale
Dieldrin	mg/kg	--	--	180	JND	mg/kg	31	UCL-NP	95% Chebyshev	31	UCL-NP	95% Chebyshev
Endosulfan sulfate	mg/kg	--	--	8.1	JD	mg/kg	2.5	UCL-NP	95% Chebyshev	2.5	UCL-NP	95% Chebyshev
Endrin	mg/kg	--	--	8.2	J	mg/kg	1.9	UCL-NP	95% Chebyshev	1.9	UCL-NP	95% Chebyshev
Endrin aldehyde	mg/kg	--	--	17	JN	mg/kg	4	UCL-NP	95% Chebyshev	4.0	UCL-NP	95% Chebyshev
gamma-Chlordane	mg/kg	--	--	0.32	JD	mg/kg	0.32	Max	Statistic > Maximum	0.32	Max	Statistic > Maximum
Heptachlor	mg/kg	--	--	30	JND	mg/kg	0.54	UCL-NP	95% Chebyshev	0.54	UCL-NP	95% Chebyshev
Heptachlor epoxide	mg/kg	--	--	19	JN	mg/kg	4.1	UCL-NP	95% Chebyshev	4.1	UCL-NP	95% Chebyshev
Dioxin-like PCBs	mg/kg	--	--	3.8	-	mg/kg	3.8	Max	< 10 samples	3.8	Max	< 10 samples
Nondioxin-like PCBs	mg/kg	--	--	31,558	-	mg/kg	31,558	Max	< 10 samples	31,558	Max	< 10 samples
Total PCBs	mg/kg	--	--	7,363	-	mg/kg	2,246	UCL-NP	95% Chebyshev	2,246	UCL-NP	95% Chebyshev
Aluminum	mg/kg	--	--	44,000	J	mg/kg	17,468	UCL-NP	95% Chebyshev	17,468	UCL-NP	95% Chebyshev
Antimony	mg/kg	--	--	22	JB	mg/kg	5.7	UCL-NP	95% Chebyshev	5.7	UCL-NP	95% Chebyshev
Arsenic	mg/kg	--	--	55.1	-	mg/kg	25.1	UCL-T	95% H-UCL	25.1	UCL-T	95% H-UCL
Barium	mg/kg	--	--	3,690	-	mg/kg	869	UCL-NP	95% Chebyshev	869	UCL-NP	95% Chebyshev
Cadmium	mg/kg	--	--	195	-	mg/kg	32	UCL-NP	95% Chebyshev	32	UCL-NP	95% Chebyshev
Chromium (total)	mg/kg	--	--	107	-	mg/kg	32	UCL-T	95% H-UCL	32	UCL-T	95% H-UCL
Copper	mg/kg	--	--	567	-	mg/kg	230	UCL-T	95% H-UCL	230	UCL-T	95% H-UCL
Cyanide	mg/kg	--	--	1.3	-	mg/kg	0.39	UCL-NP	95% Chebyshev	0.39	UCL-NP	95% Chebyshev
Iron	mg/kg	--	--	108,000	-	mg/kg	26,753	UCL-NP	95% Chebyshev	26,753	UCL-NP	95% Chebyshev
Lead (see lead sheets)	mg/kg	--	--		-	mg/kg	--	--	--	--	--	--
Manganese	mg/kg	--	--	989	-	mg/kg	463	UCL-N	Student's T	463	UCL-N	Student's T
Mercury	mg/kg	--	--	5.5	J	mg/kg	0.44	UCL-NP	95% Chebyshev	0.44	UCL-NP	95% Chebyshev
Silver	mg/kg	--	--	42	-	mg/kg	9.8	UCL-T	95% H-UCL	9.8	UCL-T	95% H-UCL
Thallium	mg/kg	--	--	3.6	J	mg/kg	0.87	UCL-T	95% H-UCL	0.87	UCL-T	95% H-UCL
Vanadium	mg/kg	--	--	952	-	mg/kg	43	UCL-NP	95% Chebyshev	43	UCL-NP	95% Chebyshev
Zinc	mg/kg	--	--	1,970	J	mg/kg	601	UCL-NP	95% Chebyshev	601	UCL-NP	95% Chebyshev

Statistics: Maximum Detected Value (Max); 95% UCL of Normal Data (95% UCL-N); 95% UCL of Log-transformed Data (95% UCL-T); Mean of Log-transformed Data (Mean-T); Mean of Normal Data (Mean-N); Non-Parametric distribution (UCL-NP).

Notes:

(1) For sample results reported as non-detect, 1/2 the sample quantitation limit was used as a proxy concentration for purposes of the arithmetic mean and the statistics. For duplicate sample results, the average value was used in the calculation. Arithmetic mean not calculated for sample group without outliers.

301813

TABLE 3.5
MEDIUM-SPECIFIC EXPOSURE POINT CONCENTRATION SUMMARY
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current/Future
Medium: Building Dust
Exposure Medium: Building Dust
Exposure Point: Building Interior

Chemical of Potential Concern	Units	Arithmetic Mean (3)	95% UCL of Normal Data	Maximum Detected Concentration	Maximum Qualifier	EPC Units	Reasonable Maximum Exposure			Central Tendency		
							Medium EPC Value	Medium EPC Statistic	Medium EPC Rationale	Medium EPC Value	Medium EPC Statistic	Medium EPC Rationale
Aroclor 1254	mg/kg	596	--	8,300	D	mg/kg	2,071	95% UCL-T	(1)	2,071	95% UCL-T	(1)
Aluminum	mg/kg	13,905	--	155,000	-	mg/kg	16,818	95% UCL-T	(1)	16,818	95% UCL-T	(1)
Antimony	mg/kg	52	--	931	E	mg/kg	72.6	95% UCL-T	(1)	72.6	95% UCL-T	(1)
Arsenic	mg/kg	15	--	93.7	J	mg/kg	19.3	95% UCL-T	(1)	19.3	95% UCL-T	(1)
Barium	mg/kg	2,002	--	10,000	-	mg/kg	3,527	95% UCL-T	(1)	3,527	95% UCL-T	(1)
Cadmium	mg/kg	57	--	428	-	mg/kg	116	95% UCL-T	(1)	116	95% UCL-T	(1)
Chromium (total)	mg/kg	239	--	894	-	mg/kg	421	95% UCL-T	(1)	421	95% UCL-T	(1)
Copper	mg/kg	4,119	--	42,600	-	mg/kg	9,016	95% UCL-T	(1)	9,016	95% UCL-T	(1)
Iron	mg/kg	80,050	--	382,000	-	mg/kg	134,860	95% UCL-T	(1)	134,860	95% UCL-T	(1)
Lead	mg/kg	5,248	--	61,700	J	mg/kg	11,219	95% UCL-T	(1)	11,219	95% UCL-T	(1)
Manganese	mg/kg	622	--	1,870	-	mg/kg	839	95% UCL-T	(1)	839	95% UCL-T	(1)
Mercury	mg/kg	2.62	--	24.4	J	mg/kg	5	95% UCL-T	(1)	5	95% UCL-T	(1)
Nickel	mg/kg	109	--	545	-	mg/kg	154	95% UCL-T	(1)	154	95% UCL-T	(1)
Silver	mg/kg	14.6	--	85.9	J	mg/kg	22.3	95% UCL-T	(1)	22.3	95% UCL-T	(1)
Thallium	mg/kg	2.29	--	17.6	J	mg/kg	7	95% UCL-C	(2)	7	95% UCL-C	(2)
Vanadium	mg/kg	44	--	310	-	mg/kg	91	95% UCL-C	(2)	91	95% UCL-C	(2)
Zinc	mg/kg	5,367	--	41,500	J	mg/kg	7,349	95% UCL-T	(1)	7,349	95% UCL-T	(1)

Statistics: Maximum Detected Value (Max); 95% UCL of Normal Data (95% UCL-N); 95% UCL of Log-transformed Data (95% UCL-T); Mean of Normal Data (Mean-N); Non-Parametric distribution (UCL-NP).

Notes:
(1) Shapiro-Wilk W Test indicates a lognormal distribution
(2) Non-Parametric distribution so Chebyshev UCL applied based on standard deviation.
(3) For sample results reported as non-detect, 1/2 the sample quantitation limit was used as a proxy concentration for purposes of the arithmetic mean and the statistics. For duplicate sample results, the average value was used in the calculation.

301814

TABLE 4.1
VALUES USED FOR DAILY INTAKE CALCULATIONS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Surface Soil
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Parameter Code	Parameter Definition	Units	RME Value	RME Rationale/ Reference	CT Value	CT Rationale/ Reference	Intake Equation/ Model Name
Ingestion	CS	Chemical Concentration in Soil	mg/kg	Site-specific	--	Site-specific	--	CDI:
	IR-S	Soil Ingestion Rate	mg/day	100	(1)	50	(2)	Non-Carcinogen =
	EF	Exposure Frequency	days/year	104	(3)	52	(2)	CS*IRS*EF*ED*CF1/(BW*AT-N)
	ED	Exposure Duration	years	9	(4)	9	(4)	
	CF1	Conversion Factor 1	kg/mg	1.00E-006	--	1.00E-006	--	
	BW	Body Weight	kg	53.1	(5)	53.1	(5)	Carcinogen =
	AT-N	Averaging Time (Non-Cancer)	days	3,285	(6)	3,285	(6)	CS*IRS*EF*ED*CF1/(BW*AT-C)
	AT-C	Averaging Time (Cancer)	days	25,550	(6)	25,550	(6)	
Dermal	CS	Chemical Concentration in Soil	mg/kg	Site-specific	--	Site-specific	--	DAD:
	SA	Skin Surface Area Available for Contact	cm2	4,770	(7)	4,770	(7)	Non-Carcinogen =
	DABS	Dermal Absorption Factor (Solid)	unitless	Chemical-specific	(8)	Chemical-specific	(8)	CS*SA*DABS*SSAF*EF*ED*CF1/(BW*AT-N)
	SSAF	Soil to Skin Adherence Factor	mg/cm2 - event	0.2	(9)	0.04	(9)	
	EF	Exposure Frequency	days/year	104	(3)	52	(2)	Carcinogen =
	ED	Exposure Duration	years	9	(4)	9	(4)	CS*SA*DABS*SSAF*EF*ED*CF1/(BW*AT-C)
	CF1	Conversion Factor 1	kg/mg	1.00E-006	--	1.00E-006	--	
	BW	Body Weight	kg	53.1	(5)	53.1	(5)	
	AT-N	Averaging Time (Non-Cancer)	days	3,285	(6)	3,285	(6)	
	AT-C	Averaging Time (Cancer)	days	25,550	(6)	25,550	(6)	
Inhalation	CS	Chemical Concentration in Soil	mg/kg	Site-specific	--	Site-specific	--	CDI:
	PEF	Particulate Emission Factor	m3/kg	6.12E+008	(10)	6.12E+008	(10)	Non-Carcinogen=
	VF	Volatilization Factor	m3/kg	Chemical-specific	(11)	Chemical-specific	(11)	CS*(1/PEF + 1/VF)*IN*EF*ED*ET/(BW*AT-N)
	IN	Inhalation Rate	m3/hour	1.2	(12)	1.0	(13)	
	ET	Exposure Time	hours/day	2	(14)	1.0	(2)	Carcinogen =
	EF	Exposure Frequency	days/year	104	(3)	52	(2)	CS*(1/PEF + 1/VF)*IN*EF*ED*ET/(BW*AT-C)
	ED	Exposure Duration	years	9	(4)	9	(4)	
	BW	Body Weight	kg	53.1	(5)	53.1	(5)	
	AT-N	Averaging Time (Non-Cancer)	days	3,285	(6)	3,285	(6)	
	AT-C	Averaging Time (Cancer)	days	25,550	(6)	25,550	(6)	

NOTES:
CDI = Chronic Daily Intake
DAD = Dermally Absorbed Dose
(1) EPA, 1991. Human Health Evaluation Manual (HHEM), Supplemental Guidance: Standard Default Exposure Factors. Value for adult residential ingestion of soil and dust.
(2) Professional judgement based on one-half RME value on-site.
(3) Professional judgement based on 2 visits per week
(4) Based on time period represented by ages 10-18 years.
(5) EPA, 1997e. Exposure Factors Handbook (EFH). Table 7-3, mean value for boys and girls 10-18 years of age.
(6) EPA, 1991. HHEM. Values representing exposure durations in days for non-cancer and cancer endpoints.
(7) EPA, 1997e. EFH. Tables 6-6 through 6-8, mean surface area of arms, hands, and lower legs for boys and girls 10-18 years of age.
(8) EPA, 2001e. RAGS Part E Draft. Exhibit 3-4, recommended dermal absorption fraction from soil.
(9) EPA, 2001e. RAGS Part E Draft. Exhibit 3-5 for a residential child.
(10) EPA, 1996b. Soil Screening Guidance, Technical Background Document. Based on 30 acre site and the average of Q/C values from Hartford, Harrisburg, Philadelphia, and Cleveland. Chemical-specific value for PCBs = 1.36E+009 m3/kg (EPA, 2001g)
(11) EPA, 1996b. See Appendix N.
(12) EPA, 1997e. EFH. Table 5-23, Inhalation Rate based on moderate activity data for children.
(13) EPA, 1997e. EFH. Table 5-23, Inhalation Rate based on light activity data for children.
(14) Professional judgement. Assumes outdoor time spent on-site.

301815

TABLE 4.2
VALUES USED FOR DAILY INTAKE CALCULATIONS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Surface Soil
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Parameter Code	Parameter Definition	Units	RME Value	RME Rationale/ Reference	CT Value	CT Rationale/ Reference	Intake Equation/ Model Name
Ingestion	CS	Chemical Concentration in Soil	mg/kg	Site-specific	--	Site-specific	--	CDI:
	IR-S	Soil Ingestion Rate	mg/day	100	(1)	100	(1)	Non-Carcinogen =
	EF	Exposure Frequency	days/year	225	(1)	219	(2)	CS*IRS*EF*ED*CF1/(BW*AT-N)
	ED	Exposure Duration	years	25	(1)	6.6	(3)	
	CF1	Conversion Factor 1	kg/mg	1.00E-006	--	1.00E-006	--	
	BW	Body Weight	kg	70	(1)	70	(1)	Carcinogen =
	AT-N	Averaging Time (Non-Cancer)	days	9,125	(4)	2,409	(4)	CS*IRS*EF*ED*CF1/(BW*AT-C)
	AT-C	Averaging Time (Cancer)	days	25,550	(4)	25,550	(4)	
Dermal	CS	Chemical Concentration in Soil	mg/kg	Site-specific	--	Site-specific	--	DAD:
	SA	Skin Surface Area Available for Contact	cm2	3,300	(1)	3,300	(1)	Non-Carcinogen =
	DABS	Dermal Absorption Factor (Solid)	unitless	Chemical-specific	(5)	Chemical-specific	(5)	CS*SA*DABS*SSAF*EF*ED*CF1/(BW*AT-N)
	SSAF	Soil to Skin Adherence Factor	mg/cm2 - event	0.2	(2)	0.02	(2)	
	EF	Exposure Frequency	days/year	225	(1)	219	(2)	Carcinogen =
	ED	Exposure Duration	years	25	(1)	6.6	(3)	CS*SA*DABS*SSAF*EF*ED*CF1/(BW*AT-C)
	CF1	Conversion Factor 1	kg/mg	1.00E-006	--	1.00E-006	--	
	BW	Body Weight	kg	70	(1)	70	(1)	
	AT-N	Averaging Time (Non-Cancer)	days	9,125	(4)	2,409	(4)	
	AT-C	Averaging Time (Cancer)	days	25,550	(4)	25,550	(4)	
Inhalation	CS	Chemical Concentration in Soil	mg/kg	Site-specific	--	Site-specific	--	CDI:
	PEF	Particulate Emission Factor	m3/kg	6.12E+008	(6)	6.12E+008	(6)	Non-Carcinogen=
	VF	Volatilization Factor	m3/kg	Chemical-specific	(7)	Chemical-specific	(7)	CS*(1/PEF + 1/VF)*IN*EF*ED/(BW*AT-N)
	IN	Inhalation Rate	m3/day	20	(1)	20	(1)	
	EF	Exposure Frequency	days/year	225	(1)	219	(2)	
	ED	Exposure Duration	years	25	(1)	6.6	(3)	Carcinogen =
	BW	Body Weight	kg	70	(1)	70	(1)	CS*(1/PEF + 1/VF)*IN*EF*ED/(BW*AT-C)
	AT-N	Averaging Time (Non-Cancer)	days	9,125	(4)	2,409	(4)	
	AT-C	Averaging Time (Cancer)	days	25,550	(4)	25,550	(4)	

NOTES:
CDI = Chronic Daily Intake
DAD = Dermally Absorbed Dose
(1) EPA, 2001g. Supplemental Guidance for Developing Soil Screening Levles for Superfund Sites. Exhibit 1-2.
(2) EPA, 2001e. RAGS Part E Draft. Exhibit 3.5, recommended exposure. values for CT and RME scenarios for adult industrial worker.
(3) EPA, 1997e. Exposure Factors Handbook (EFH). Table 15-158, median value for occupational tenure.
(4) EPA, 1991. HHEM. Values representing expsoure durations in days for non-cancer and cancer endpoints.
(5) EPA, 2001e. RAGS Part E Draft. Exhibit 3-4, recommended dermal absorption fraction from soil.
(6) EPA, 1996b. Soil Screening Guidance, Technical Background Document. Based on 30 acre site and the average of Q/C values from Hartford, Harrisburg, Philadelphia, and Cleveland. Chemical-specific value for PCBs = 1.36E+009 m3/kg (EPA, 2001b).
(7) EPA, 1996b. See Appendix N.

301816

TABLE 4.3
VALUES USED FOR DAILY INTAKE CALCULATIONS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current/ Future
Medium: Building Dust
Exposure Medium: Building Dust
Exposure Point: Building Interior
Receptor Population: Site Worker (Indoor)
Receptor Age: Adult

Exposure Rout	Paramete Code	Parameter Definition	Units	RME Value	RME Rationale/ Reference	CT Value	CT Rationale/ Reference	Intake Equation/ Model Name
Ingestion	CS	Chemical Concentration in Soil	mg/kg	Site-specific	--	Site-specific	--	CDI:
	IR-S	Soil Ingestion Rate	mg/day	50	(1)	50	(1)	Non-Carcinogen =
	EF	Exposure Frequency	days/year	250	(1)	219	(2)	CS*IRS*EF*ED*CF1/(BW*AT-N)
	ED	Exposure Duration	years	25	(1)	6.6	(3)	
	CF1	Conversion Factor 1	kg/mg	1.00E-006	--	1.00E-006	--	
	BW	Body Weight	kg	70	(1)	70	(1)	Carcinogen =
	AT-N	Averaging Time (Non-Cancer)	days	9,125	(4)	2,409	(4)	CS*IRS*EF*ED*CF1/(BW*AT-C)
	AT-C	Averaging Time (Cancer)	days	25,550	(4)	25,550	(4)	
Dermal	CS	Chemical Concentration in Soil	mg/kg	Site-specific	--	Site-specific	--	DAD:
	SA	Skin Surface Area Available for Conta	cm2	3,300	(2)	3,300	(2)	Non-Carcinogen =
	DABS	Dermal Absorption Factor (Solid)	unitless	Chemical-specific	(5)	Chemical-specific	(5)	CS*SA*DABS*SSAF*EF*ED*CF1/(BW*AT-N)
	SSAF	Soil to Skin Adherence Factor	mg/cm2 - event	0.2	(2)	0.02	(2)	
	EF	Exposure Frequency	days/year	250	(1)	219	(2)	Carcinogen =
	ED	Exposure Duration	years	25	(1)	6.6	(3)	CS*SA*DABS*SSAF*EF*ED*CF1/(BW*AT-C)
	CF1	Conversion Factor 1	kg/mg	1.00E-006	--	1.00E-006	--	
	BW	Body Weight	kg	70	(1)	70	(1)	
	AT-N	Averaging Time (Non-Cancer)	days	9,125	(4)	2,409	(4)	
	AT-C	Averaging Time (Cancer)	days	25,550	(4)	25,550	(4)	

NOTES:
CDI = Chronic Daily Intake
DAD = Dermally Absorbed Dose
(1) EPA, 2001g. Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites. Exhibit 1-2.
(2) EPA, 2001e. RAGS Part E Draft. Exhibit 3.5, recommended exposure values for CT and RME scenarios for adult industrial worker.
(3) EPA, 1997e. Exposure Factors Handbook. Table 15-158, median value for occupational tenure.
(4) EPA, 1991. HHEM. Values representing expsoure durations in days for non-cancer and cancer endpoints.
(5) EPA, 2001e. RAGS Part E Draft. Exhibit 3-4, recommended dermal absorption fraction from soil.

301817

TABLE 4.4
VALUES USED FOR DAILY INTAKE CALCULATIONS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current/ Future
Medium: Site Soils
Exposure Medium: Air
Exposure Point: Indoor Air - Area A or Area B
Receptor Population: Site Worker (Indoor)
Receptor Age: Adult

Exposure Route	Parameter Code	Parameter Definition	Units	RME Value	RME Rationale/ Reference	CT Value	CT Rationale/ Reference	Intake Equation/ Model Name
Inhalation	CS	Chemical Concentration in Soil	mg/kg	Site-specific	(1)	Site-specific	(1)	CDI:
	alpha	Infinite Source Attenuation Coefficier	unitless	Chemical-specific	(6)	Chemical-specific	(6)	Non-Carcinogen =
	H'ts	Henry's Law Constant at Temperatur	unitless	Chemical-specific	(7)	Chemical-specific	(7)	CS*alpha*SP*IN*EF*ED/(BW*AT-N)
	pb	Soil Dry Bulk Density	g/cm3	1.7	(8)	1.7	(8)	
	qw	Soil Water Filled Porosity	cm3/cm3	0.16	(9)	0.16	(9)	Carcinogen =
	qa	Soil Air Filled Porosity	cm3/cm3	0.27	(10)	0.27	(10)	CS*alpha*SP*IN*EF*ED/(BW*AT-C)
	Kd	Soil-Water Partition Coefficient	cm3/g	Chemical-specific	(7)	Chemical-specific	(7)	
	IN	Inhalation Rate	m3/day	20	(2)	20	(2)	where SP =
	EF	Exposure Frequency	days/year	250	(2)	219	(3)	H'ts*CF6*CF7*pb/(qw+Kd*pb+H'ts*qa)
	ED	Exposure Duration	years	25	(2)	6.6	(4)	
	BW	Body Weight	kg	70	(2)	70	(2)	
	CF2	Conversion Factor 2	kg/g	1.00E-003	-	1.00E-003	-	
	CF3	Conversion Factor 3	cm3/m3	1.00E+006	-	1.00E+006	-	
	AT-N	Averaging Time (Non-Cancer)	days	9,125	(5)	2,409	(5)	
	AT-C	Averaging Time (Cancer)	days	25,550	(5)	25,550	(5)	

NOTES:
CDI = Chronic Daily Intake
DAD = Dermally Absorbed Dose
(1) Value to be calculated using Johnson and Ettinger Model.
(2) EPA, 2001g. Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites. Exhibit 1
(3) EPA, 2001e. RAGS Part E Draft. Exhibit 3.5, recommended exposure value for adult industrial worker, CT scenario.
(4) EPA, 1997e. Exposure Factors Handbook. Table 15-158, median value for occupational tenure.
(5) EPA, 1991. HHEM. Values representing expsoure durations in days for non-cancer and cancer endpoints
(6) EPA, 1997d. User's Guide for the Johnson and Ettinger (1991) Model for Subsurface Vapor Intrusion into Buildings. - alpha taken from chemical-specific workbooks.
(7) EPA, 1996b. Soil Screening Guidance: Technical Background Document.
(8) EPA, 1997b. User's Guide for the Johnson and Ettinger (1991) Model for Subsurface Vapor Intrusion into Buildings. - default value.
(9) Mean value relative to soil water-filled porosity measurements made on site soils.
(10) EPA, 1996b. Soil Screening Guidance: Technical Background Document. Calculated using the equation qa=n-qw

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TABLE 4.5
VALUES USED FOR DAILY INTAKE CALCULATIONS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Surface and Subsurface Soil
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Parameter Code	Parameter Definition	Units	RME Value	RME Rationale/ Reference	CT Value	CT Rationale/ Reference	Intake Equation/ Model Name
Ingestion	CS	Chemical Concentration in Soil	mg/kg	Site-specific	--	Site-specific	--	CDI:
	IR-S	Soil Ingestion Rate	mg/day	100	(1)	50	(2)	Non-Carcinogen =
	EF	Exposure Frequency	days/year	104	(3)	52	(2)	CS*IRS*EF*ED*CF1/(BW*AT-N)
	ED	Exposure Duration	years	9	(4)	9	(4)	
	CF1	Conversion Factor 1	kg/mg	1.00E-006	--	1.00E-006	--	
	BW	Body Weight	kg	53.1	(5)	53.1	(5)	Carcinogen =
	AT-N	Averaging Time (Non-Cancer)	days	3,285	(6)	3,285	(6)	CS*IRS*EF*ED*CF1/(BW*AT-C)
	AT-C	Averaging Time (Cancer)	days	25,550	(6)	25,550	(6)	
Dermal	CS	Chemical Concentration in Soil	mg/kg	Site-specific	--	Site-specific	--	DAD:
	SA	Skin Surface Area Available for Contact	cm2	4,770	(7)	4,770	(7)	Non-Carcinogen =
	DABS	Dermal Absorption Factor (Solid)	unitless	Chemical-specific	(8)	Chemical-specific	(8)	CS*SA*DABS*SSAF*EF*ED*CF1/(BW*AT-N)
	SSAF	Soil to Skin Adherence Factor	mg/cm2 - event	0.2	(9)	0.04	(9)	
	EF	Exposure Frequency	days/year	104	(3)	52	(2)	Carcinogen =
	ED	Exposure Duration	years	9	(4)	9	(4)	CS*SA*DABS*SSAF*EF*ED*CF1/(BW*AT-C)
	CF1	Conversion Factor 1	kg/mg	1.00E-006	--	1.00E-006	--	
	BW	Body Weight	kg	53.1	(5)	53.1	(5)	
	AT-N	Averaging Time (Non-Cancer)	days	3,285	(6)	3,285	(6)	
	AT-C	Averaging Time (Cancer)	days	25,550	(6)	25,550	(6)	
Inhalation	CS	Chemical Concentration in Soil	mg/kg	Site-specific	--	Site-specific	--	CDI:
	PEF	Particulate Emission Factor	m3/kg	6.12E+008	(10)	6.12E+008	(10)	Non-Carcinogen=
	VF	Volatilization Factor	m3/kg	Chemical-specific	(11)	Chemical-specific	(11)	CS*(1/PEF +1/ VF)*IN*EF*ED*ET/(BW*AT-N)
	IN	Inhalation Rate	m3/hr	1.2	(12)	1.0	(13)	
	ET	Exposure Time	hours/day	2	(14)	1.0	(2)	Carcinogen =
	EF	Exposure Frequency	days/year	104	(3)	52	(2)	CS*(1/PEF + 1/VF)*IN*EF*ED*ET/(BW*AT-C)
	ED	Exposure Duration	years	9	(4)	9	(4)	
	BW	Body Weight	kg	53.1	(5)	53.1	(5)	
	AT-N	Averaging Time (Non-Cancer)	days	3,285	(6)	3,285	(6)	
	AT-C	Averaging Time (Cancer)	days	25,550	(6)	25,550	(6)	

NOTES:
CDI = Chronic Daily Intake
DAD = Dermally Absorbed Dose
(1) EPA, 1991. Human Health Evaluation Manual (HHEM), Supplemental Guidance: Standard Default Exposure Factors. Value for adult residential ingestion of soil and dust.
(2) Professional judgement based on one-half RME value on-site.
(3) Professional judgement based on 2 visits per week
(4) Professional judgement based on time period represented by ages 10-18 years.
(5) EPA, 1997e. Exposure Factors Handbook (EFH). Table 7-3, mean value for boys and girls 10-18 years of age.
(6) EPA, 1991. HHEM. Values representing exposure durations in days for non-cancer and cancer endpoints.
(7) EPA, 1997e. EFH. Tables 6-6 through 6-8, mean surface area of arms, hands, and lower leg for boys and girls 10-18 years of age.
(8) EPA, 2001e. RAGS Part E Draft. Exhibit 3-4, recommended dermal absorption fraction from soil.
(9) EPA, 2001e. RAGS Part E Draft. Exhibit 3-3, based on soccer players, age 13-15 yrs.
(10) EPA, 1996b. Soil Screening Guidance, Technical Background Document. Based on 30 acre site and the average of Q/C values from Hartford, Harrisburg, Philadelphia, and Cleveland. Chemical-specific value for PCBs = 1.36E+009 m3/kg (EPA, 2001g)
(11) EPA, 1996b. See Appendix N.
(12) EPA, 1997e. EFH. Table 5-23, Inhalation Rate based on moderate activity data for children.
(13) EPA, 1997e. EFH. Table 5-23, Inhalation Rate based on light activity data for children.
(14) Professional judgement. Assumes all of weekend outdoor time spent on-site.

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TABLE 4.6
VALUES USED FOR DAILY INTAKE CALCULATIONS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Surface and Subsurface Soil
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Parameter Code	Parameter Definition	Units	RME Value	RME Rationale/ Reference	CT Value	CT Rationale/ Reference	Intake Equation/ Model Name
Ingestion	CS	Chemical Concentration in Soil	mg/kg	Site-specific	--	Site-specific	--	CDI:
	IR-S	Soil Ingestion Rate	mg/day	100	(1)	100	(1)	Non-Carcinogen =
	EF	Exposure Frequency	days/year	225	(1)	219	(2)	CS*IRS*EF*ED*CF1/(BW*AT-N)
	ED	Exposure Duration	years	25	(1)	6.6	(3)	
	CF1	Conversion Factor 1	kg/mg	1.00E-006	--	1.00E-006	--	
	BW	Body Weight	kg	70	(1)	70	(1)	Carcinogen =
	AT-N	Averaging Time (Non-Cancer)	days	9,125	(4)	2,409	(4)	CS*IRS*EF*ED*CF1/(BW*AT-C)
	AT-C	Averaging Time (Cancer)	days	25,550	(4)	25,550	(4)	
Dermal	CS	Chemical Concentration in Soil	mg/kg	Site-specific	--	Site-specific	--	DAD:
	SA	Skin Surface Area Available for Contact	cm2	3,300	(2)	3,300	(2)	Non-Carcinogen =
	DABS	Dermal Absorption Factor (Solid)	unitless	Chemical-specific	(5)	Chemical-specific	(5)	CS*SA*DABS*SSAF*EF*ED*CF1/(BW*AT-N)
	SSAF	Soil to Skin Adherence Factor	mg/cm2 - event	0.2	(2)	0.02	(2)	
	EF	Exposure Frequency	days/year	225	(1)	219	(2)	Carcinogen =
	ED	Exposure Duration	years	25	(1)	6.6	(3)	CS*SA*DABS*SSAF*EF*ED*CF1/(BW*AT-C)
	CF1	Conversion Factor 1	kg/mg	1.00E-006	--	1.00E-006	--	
	BW	Body Weight	kg	70	(1)	70	(1)	
	AT-N	Averaging Time (Non-Cancer)	days	9,125	(4)	2,409	(4)	
	AT-C	Averaging Time (Cancer)	days	25,550	(4)	25,550	(4)	
Inhalation	CS	Chemical Concentration in Soil	mg/kg	Site-specific	--	Site-specific	--	CDI:
	PEF	Particulate Emission Factor	m3/kg	6.12E+008	(6)	6.12E+008	(6)	Non-Carcinogen=
	VF	Volatilization Factor	m3/kg	Chemical-specific	(7)	Chemical-specific	(7)	CS*(1/PEF + 1/VF)*IN*EF*ED/(BW*AT-N)
	IN	Inhalation Rate	m3/day	20	(1)	20	(1)	
	EF	Exposure Frequency	days/year	225	(1)	219	(2)	Carcinogen =
	ED	Exposure Duration	years	25	(1)	6.6	(3)	CS*(1/PEF + 1/VF)*IN*EF*ED/(BW*AT-C)
	BW	Body Weight	kg	70	(1)	70	(1)	
	AT-N	Averaging Time (Non-Cancer)	days	9,125	(4)	2,409	(4)	
	AT-C	Averaging Time (Cancer)	days	25,550	(4)	25,550	(4)	

NOTES:
CDI = Chronic Daily Intake
DAD = Dermally Absorbed Dose
(1) EPA, 2001g. Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites. Exhibit 1-2.
(2) EPA, 2001e. RAGS Part E Draft. Exhibit 3.5, recommended exposure values for CT and RME scenarios for adult industrial worker.
(3) EPA, 1997e. Exposure Factors Handbook (EFH). Table 15-158, median value for occupational tenure.
(4) EPA, 1991. HHEM. Values representing expsoure durations in days for non-cancer and cancer endpoints.
(5) EPA, 2001e. RAGS Part E Draft. Exhibit 3-4, recommended dermal absorption fraction from soil.
(6) EPA, 1996b. Soil Screening Guidance, Technical Background Document. Based on 30 acre site and the average of Q/C values from Hartford, Harrisburg, Philadelphia, and Cleveland. Chemical-specific value for PCBs = 1.36E+009 m3/kg
(7) EPA, 1996b. See Appendix N.

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TABLE 4.7
VALUES USED FOR DAILY INTAKE CALCULATIONS
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Surface/Subsurface Soil
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Parameter Code	Parameter Definition	Units	RME Value	RME Rationale/ Reference	CT Value	CT Rationale/ Reference	Intake Equation/ Model Name
Ingestion	CS	Chemical Concentration in Soil	mg/kg	Site-specific	--	--	--	CDI:
	IR-S	Soil Ingestion Rate	mg/day	330	(1)	--	--	Non-Carcinogen =
	EF	Exposure Frequency	days/year	216	(2)	--	--	CS*IRS*EF*ED*CF1/(BW*AT-N)
	ED	Exposure Duration	years	1	(3)	--	--	
	BW	Body Weight	kg/mg	70	(1)	--	--	
	CF1	Conversion Factor 1	kg	1.00E-006	--	--	--	Carcinogen =
	AT-N	Averaging Time (Non-Cancer)	days	365	(4)	--	--	CS*IRS*EF*ED*CF1/(BW*AT-C)
	AT-C	Averaging Time (Cancer)	days	25,550	(4)	--	--	
Dermal	CS	Chemical Concentration in Soil	mg/kg	Site-specific	--	--	--	DAD:
	SA	Skin Surface Area Available for Contact	cm2	3,300	(1)	--	--	Non-Carcinogen =
	DABS	Dermal Absorption Factor (Solid)	Unitless	Chemical specific	--	--	--	CS*SA*DABS*SSAF*EF*ED*CF1/(BW*AT-N)
	EF	Exposure Frequency	days/year	216	(2)	--	--	
	ED	Exposure Duration	years	1	(3)	--	--	Carcinogen =
	BW	Body Weight	kg	70	(1)	--	--	CS*SA*DABS*SSAF*EF*ED*CF1/(BW*AT-C)
	SSAF	Soil to skin adherence factor	mg/cm2 - event	0.3	(1)	--	--	
	AT-N	Averaging Time (Non-Cancer)	days	365	(4)	--	--	
	AT-C	Averaging Time (Cancer)	days	25,550	(4)	--	--	
Inhalation	CS	Chemical Concentration in Soil	mg/kg	Site-specific	--	--	--	
	IN	Inhalation Rate	m3/hour	3.3	(5)	--	--	CDI:
	PEF	Particulate Emission Factor	m3/kg	7.16E+008	(6)	--	--	Non-Carcinogen=
	VF	Volatilization Factor	m3/kg	Chemical-specific	(7)	--	--	CS*(1/PEF + 1/VF)*IN*EF*ED*ET/(BW*AT-N)
	ET	Exposure Time	hrs/day	10	(8)	--	--	
	EF	Exposure Frequency	days/year	216	(2)	--	--	
	ED	Exposure Duration	years	1	(3)	--	--	
	BW	Body Weight	kg	70	(1)	--	--	Carcinogen =
	AT-N	Averaging Time (Non-Cancer)	days	365	(4)	--	--	CS*(1/PEF + 1/VF)*IN*EF*ED*ET/(BW*AT-C)
	AT-C	Averaging Time (Cancer)	days	25,550	(4)	--	--	

NOTES:
CDI = Chronic Daily Intake
DAD = Dermally Absorbed Dose
(1) EPA, 2001g. Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites. Exhibit 1-2.
(2) Professional judgement: based on 9 months (36 weeks), working 6 day/week.
(3) Professional judgement: based 1 year construction project.
(4) EPA, 1991. HHEM. Values representing exposure durations in days for non-cancer and cancer endpoints.
(5) EPA, 1997e. Exposure Factors Handbook. Upper percentile inhalation rate for hourly workers.
(6) EPA, 1996b. Soil Screening Guidance, Technical Background Document. Based on 10 acre site and the average of Q/C values from Hartford, Harrisburg, Philadelphia, and Cleveland. Chemical-specific value for PCBs = 1.36E+009 m3/kg (EPA, 2001g)
(7) EPA, 1996b. See Appendix N.
(8) Professional judgement: based on an extended work day.

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TABLE 5.1

NON-CANCER TOXICITY DATA -- ORAL/DERMAL

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Chemical of Potential Concern	Chronic/ Subchronic	Oral RfD Value	Oral RfD Units	Oral to Dermal Adjustment Factor (1)	Adjusted Dermal RfD (14)	Units	Primary Target Organ	Combined Uncertainty/Modifying Factors	Sources of RfD: Target Organ	Dates of RfD: Target Organ (2) (MM/DD/YY)
1,3-Dichlorobenzene	Chronic	9.00E-004	mg/kg-day	NA	NA	N/A	Liver	10000	NCEA	05/14/01
1,1-Dichloroethylene	Chronic	9.00E-003	mg/kg-day	NA	NA	N/A	Liver	1000	IRIS	04/30/01
Benzene	Chronic	3.00E-003	mg/kg-day	NA	NA	N/A	Blood	3000	NCEA	02/22/02
cis-1,2-Dichloroethene	Chronic	1.00E-002	mg/kg-day	NA	NA	N/A	Blood	3000	HEAST	07/31/97
Tetrachloroethylene	Chronic	1.00E-002	mg/kg-day	NA	NA	N/A	Liver	1000	IRIS	04/30/01
Trichloroethene	Chronic	3.00E-004	mg/kg-day	NA	NA	N/A	Liver	3000	NCEA	02/26/02
Vinyl Chloride	Chronic	3.00E-003	mg/kg-day	NA	NA	N/A	Liver	30	IRIS	04/30/01
2-Methylnaphthalene (3)	Chronic	2.00E-002	mg/kg-day	100%	2.00E-002	mg/kg-day	Erythrocytes	3000	NCEA	02/22/02
Acenaphthene	Chronic	6.00E-002	mg/kg-day	100%	6.00E-002	mg/kg-day	Liver	3000	IRIS	04/30/01
Benzo(a)anthracene	Chronic	NA	N/A	NA	NA	N/A	NA	NA	IRIS; HEAST	-
Benzo(a)pyrene	Chronic	NA	N/A	NA	NA	N/A	NA	NA	IRIS; HEAST	-
Benzo(b)fluoranthene	Chronic	NA	N/A	NA	NA	N/A	NA	NA	IRIS; HEAST	-
Benzo(k)fluoranthene	Chronic	NA	N/A	NA	NA	N/A	NA	NA	IRIS; HEAST	-
Carbazole	Chronic	NA	N/A	NA	NA	N/A	NA	NA	IRIS; HEAST	-
Chrysene	Chronic	NA	N/A	NA	NA	N/A	NA	NA	IRIS; HEAST	-
Dibenz(a,h)anthracene	Chronic	NA	N/A	NA	NA	N/A	NA	NA	IRIS; HEAST	-
Dibenzofuran	Chronic	NA	N/A	NA	NA	N/A	NA	NA	IRIS; HEAST	-
Fluoranthene	Chronic	4.00E-002	mg/kg-day	100%	4.00E-002	mg/kg-day	Liver	3000	IRIS	04/30/01
Fluorene	Chronic	4.00E-002	mg/kg-day	100%	4.00E-002	mg/kg-day	Blood	3000	IRIS	04/30/01
Indeno(1,2,3-c,d)pyrene	Chronic	NA	N/A	NA	NA	N/A	NA	NA	IRIS; HEAST	-
Naphthalene	Chronic	2.00E-002	mg/kg-day	100%	2.00E-002	mg/kg-day	Erythrocytes	3000	IRIS	04/30/01
Phenanthrene (4)	Chronic	3.00E-002	mg/kg-day	100%	3.00E-002	mg/kg-day	Kidney	3000	IRIS	04/30/01
Pyrene	Chronic	3.00E-002	mg/kg-day	100%	3.00E-002	mg/kg-day	Kidney	3000	IRIS	04/30/01
2,3,7,8-TCDD	Chronic	NA	N/A	NA	NA	N/A	NA	NA	IRIS; HEAST	-
4,4'-DDE	Chronic	NA	N/A	NA	NA	N/A	NA	NA	IRIS; HEAST	-
4,4'-DDT	Chronic	5.00E-004	mg/kg-day	100%	5.00E-004	mg/kg-day	Liver	100	IRIS	04/30/01
Acetophenone	Chronic	1.00E-001	mg/kg-day	NA	NA	N/A	General	3000	IRIS	04/30/01
Aldrin	Chronic	3.00E-005	mg/kg-day	NA	NA	N/A	Liver	1000	IRIS	04/30/01
alpha-BHC	Chronic	NA	N/A	NA	NA	N/A	NA	NA	IRIS; HEAST	-
alpha-Chlordane (5)	Chronic	5.00E-004	mg/kg-day	NA	NA	N/A	Liver	300	IRIS	04/30/01
Aroclor-1242 (12)	Chronic	7.00E-005	mg/kg-day	100%	7.00E-005	mg/kg-day	Fetus	100	IRIS	08/09/02
Aroclor-1248 (13)	Chronic	2.00E-005	mg/kg-day	100%	2.00E-005	mg/kg-day	Eye/Immune	300	IRIS	04/30/01
Aroclor-1254	Chronic	2.00E-005	mg/kg-day	100%	2.00E-005	mg/kg-day	Eye/Immune	300	IRIS	04/30/01
Aroclor-1260 (13)	Chronic	2.00E-005	mg/kg-day	100%	2.00E-005	mg/kg-day	Eye/Immune	300	IRIS	04/30/01
Dieldrin	Chronic	5.00E-005	mg/kg-day	NA	NA	N/A	Liver	100	IRIS	04/30/01
Endosulfan sulfate (6)	Chronic	3.00E-004	mg/kg-day	NA	NA	N/A	Liver	100	IRIS	04/30/01
Endrin	Chronic	3.00E-004	mg/kg-day	NA	NA	N/A	Liver	100	IRIS	04/30/01
Endrin aldehyde (6)	Chronic	3.00E-004	mg/kg-day	NA	NA	N/A	Liver	100	IRIS	04/30/01
gamma-Chlordane (7)	Chronic	5.00E-004	mg/kg-day	100%	5.00E-004	mg/kg-day	Liver	300	IRIS	04/30/01
Heptachlor	Chronic	5.00E-004	mg/kg-day	NA	NA	N/A	Liver	300	IRIS	04/30/01
Heptachlor Epoxide	Chronic	1.30E-005	mg/kg-day	NA	NA	N/A	Liver	1000	IRIS	04/30/01
PCBs (Dioxin-like) (8)	Chronic	NA	N/A	NA	NA	N/A	NA	NA	IRIS; HEAST	-

301822

TABLE 5.1
NON-CANCER TOXICITY DATA -- ORAL/DERMAL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Chemical of Potential Concern	Chronic/ Subchronic	Oral RfD Value	Oral RfD Units	Oral to Dermal Adjustment Factor (1)	Adjusted Dermal RfD (14)	Units	Primary Target Organ	Combined Uncertainty/Modifying Factors	Sources of RfD: Target Organ	Dates of RfD: Target Organ (2) (MM/DD/YY)
1,3-Dichlorobenzene	Chronic	9.00E-004	mg/kg-day	NA	NA	N/A	Liver	10000	NCEA	05/14/01
PCBs (non-Dioxin) (9)	Chronic	NA	N/A	NA	NA	N/A	NA	NA	IRIS; HEAST	-
Total PCBs (9)	Chronic	NA	N/A	NA	NA	N/A	NA	NA	IRIS; HEAST	-
Aluminum	Chronic	1.00E+000	mg/kg-day	NA	NA	N/A	CNS	100	NCEA	05/10/01
Antimony	Chronic	4.00E-004	mg/kg-day	NA	NA	N/A	Longevity	1000	IRIS	04/30/01
Arsenic	Chronic	3.00E-004	mg/kg-day	100%	3.00E-004	mg/kg-day	Skin	3	IRIS	04/30/01
Barium	Chronic	7.00E-002	mg/kg-day	NA	NA	N/A	NOAEL	3	IRIS	04/30/01
Cadmium (food)	Chronic	1.00E-003	mg/kg-day	2.5%	2.50E-005	mg/kg-day	Kidney	10	IRIS	04/30/01
Chromium (VI)	Chronic	3.00E-003	mg/kg-day	NA	NA	NA	NA	1000	IRIS	01/18/02
Copper	Chronic	3.70E-002	mg/kg-day	NA	NA	N/A	Gastro-intestine	N/A	HEAST	07/31/97
Cyanide	Chronic	2.00E-002	mg/kg-day	NA	NA	N/A	Body weight	500	IRIS	04/30/01
Iron	Chronic	3.00E-001	mg/kg-day	NA	NA	N/A	Liver	1	NCEA	01/05/99
Lead	Chronic	NA	N/A	NA	NA	N/A	NA	NA	IRIS; HEAST	-
Manganese (non-dietary)	Chronic	2.30E-002	mg/kg-day	NA	NA	NA	CNS	1	IRIS	04/30/01
Mercury	Chronic	3.00E-004	mg/kg-day	NA	NA	NA	Autoimmune	1000	IRIS	04/30/01
Nickel (10)	Chronic	2.00E-002	mg/kg-day	NA	NA	NA	Body weight	300	IRIS	04/30/01
Silver	Chronic	5.00E-003	mg/kg-day	NA	NA	NA	Skin	3	IRIS	04/30/01
Thallium (11)	Chronic	8.00E-005	mg/kg-day	NA	NA	NA	Blood chemistry	3000	IRIS	04/30/01
Vanadium	Chronic	7.00E-003	mg/kg-day	NA	NA	NA	NOAEL	100	HEAST	07/31/97
Zinc	Chronic	3.00E-001	mg/kg-day	NA	NA	NA	Blood chemistry	3	IRIS	04/30/01

Notes:
(1) Values from RAGS, Part E, Exhibit 4.1 (USEPA, 2001e).
(2) For IRIS values, date refers to the date IRIS was searched. For HEAST and NCEA values, date refers to date of publication.
(3) Naphthalene used as surrogate per recommendation from NCEA paper.
(4) Pyrene used as surrogate for toxicological values.
(5) Heptachlor used as surrogate toxicological values.
(6) Endrin used as surrogate for toxicological values
(7) Chlordane used as surrogate for toxicological values.
(8) 2,3,7,8-TCDD used as surrogate for toxicological values.
(9) Upper bound toxicity values used for PCBs.
(10) Nickel soluble salts used as surrogate for toxicological values.
(11) Thallium chloride used as surrogate for toxicological values.
(12) Aroclor 1016 used as surrogate for toxicological values.
(13) Aroclor 1254 used as surrogate for toxicological values.
(14) Dermal RFDs were only calculated for chemicals with a recommended dermal absorption fraction on Exhibit 3.4 in RAGS E (USEPA, 2001e).

IRIS - Integrated Risk Information System
HEAST - Health Effects Assessment Summary Tables
NCEA - National Center for Environmental Assessment
PRG - Preliminary Remediation Goal
NA = Not Available
N/A = Not Applicable

301823

TABLE 5.2
NON-CANCER TOXICITY DATA -- INHALATION
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Chemical of Potential Concern	Chronic/ Subchronic	Value Inhalation RfC	Units	Adjusted Inhalation RfD (1)	Units	Primary Target Organ	Combined Uncertainty/Modifying Factors	Sources of RfC:RfD: Target Organ	Dates (2) (MM/DD/YY)
1,3-Dichlorobenzene	Chronic	NA	N/A	NA	NA	N/A	NA	NCEA	07/14/98
1,1-Dichloroethylene	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Benzene	Chronic	6.0E+000	ug/m3	1.72E-003	NA	Blood	1000	NCEA	02/22/02
cis-1,2-Dichloroethene	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Tetrachloroethylene	Chronic	4.0E+002	ug/m3	1.14E-001	mg/kg-day	Liver	300	NCEA	02/02/02
Trichloroethene	Chronic	4.0E+001	ug/m3	1.14E-002	mg/kg-day	CNS	1000	NCEA	02/26/02
Vinyl Chloride	Chronic	1.0E+002	ug/m3	2.86E-002	mg/kg-day	Liver	30	IRIS	04/30/01
2-Methylnaphthalene (3)	Chronic	3.0E+000	ug/m3	8.58E-004	mg/kg-day	Nasal Effects	3000	IRIS	04/30/01
Acenaphthene	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Benzo(a)anthracene	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Benzo(a)pyrene	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Benzo(b)fluoranthene	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Benzo(k)fluoranthene	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Carbazole	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Chrysene	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Dibenz(a,h)anthracene	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Dibenzofuran	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Fluoranthene	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Fluorene	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Indeno(1,2,3-c,d)pyrene	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Naphthalene	Chronic	3.0E+000	ug/m3	8.58E-004	mg/kg-day	Nasal Effects	3000	IRIS	04/30/01
Phenanthrene (4)	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Pyrene	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
2,3,7,8-TCDD	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
4,4'-DDE	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
4,4'-DDT	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Acetophenone	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Aldrin	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
alpha-BHC	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
alpha-Chlordane (5)	Chronic	7.0E-001	ug/m3	2.00E-004	mg/kg-day	Liver	1000	IRIS	04/30/01
Aroclor-1242 (12)	Chronic	NA	N/A	7.00E-005	mg/kg-day	Fetus	100	IRIS	08/09/02
Aroclor-1248 (13)	Chronic	NA	N/A	2.00E-005	mg/kg-day	Eye/Immune	300	IRIS	04/30/01
Aroclor-1254 (13)	Chronic	NA	N/A	2.00E-005	mg/kg-day	Eye/Immune	300	IRIS	04/30/01
Aroclor-1260 (13)	Chronic	NA	N/A	2.00E-005	mg/kg-day	Eye/Immune	300	IRIS	04/30/01
Dieldrin	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Endosulfan sulfate (6)	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Endrin	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Endrin aldehyde (6)	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
gamma-Chlordane (7)	Chronic	7.0E-001	ug/m3	2.00E-004	mg/kg-day	Liver	1000	IRIS	04/30/01
Heptachlor	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Heptachlor Epoxide	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-

301824

TABLE 5.2
NON-CANCER TOXICITY DATA -- INHALATION
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Chemical of Potential Concern	Chronic/ Subchronic	Value Inhalation RfC	Units	Adjusted Inhalation RfD (1)	Units	Primary Target Organ	Combined Uncertainty/Modifying Factors	Sources of RfC:RfD: Target Organ	Dates (2) (MM/DD/YY)
PCBs (Dioxin-like) (8)	Chronic	NA	N/A	NA	NA	N/A	NA	NCEA	03/29/02
PCBs (non-Dioxin) (9)	Chronic	NA	N/A	NA	NA	N/A	NA	NCEA	03/29/02
Total PCBs (9)	Chronic	NA	N/A	NA	NA	N/A	NA	NCEA	03/29/02
Aluminum	Chronic	5.0E+000	ug/m3	1.43E-003	mg/kg-day	CNS	300	NCEA	05/10/01
Antimony	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Arsenic	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Barium	Chronic	5.0E-001	ug/m3	1.43E-004	mg/kg-day	Reproduction	1000	HEAST	07/31/97
Cadmium (food)	Subchronic	9.0E-001	ug/m3	2.57E-004	mg/kg-day	Kidney	100	NCEA	
Cadmium (food)	Chronic	2.0E-001	ug/m3	5.72E-005	mg/kg-day	Kidney	100	NCEA	06/14/98
Chromium (VI)	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Copper	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Cyanide	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Iron	Chronic	NA	N/A	NA	NA	N/A	NA	NCEA	04/27/01
Lead	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Manganese	Chronic	5.0E-002	ug/m3	1.43E-005	mg/kg-day	CNS	1000	IRIS	04/30/01
Mercury	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Nickel (10)	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Silver	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Thallium (11)	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Vanadium	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Zinc	Chronic	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-

Notes:
(1) Adjustment factor applied to RfC to calculate adjusted inhalation RfD.
= 1/(70 kg x 1/20m3/day x 1000ug/mg) = 2.86 E-4.
(2) For IRIS values, date refers to the date IRIS was searched. For HEAST and NCEA values, date refers to date of publication.
(3) Naphthalene used as surrogate per recommendation from NCEA paper.
(4) Pyrene used as surrogate for toxicological values.
(5) Heptachlor used as surrogate toxicological values.
(6) Endrin used as surrogate for toxicological values
(7) Chlordane used as surrogate for toxicological values.
(8) 2,3,7,8-TCDD used as surrogate for toxicological values.
(9) Upper bound toxicity values used for PCBs.
(10) Nickel soluble salts used as surrogate for toxicological values.
(11) Thallium chloride used as surrogate for toxicological values.
(12) Aroclor 1016 oral RfD used as surrogate for toxicological values.
(13) Aroclor 1254 oral RfD used as surrogate for toxicological values.

IRIS - Integrated Risk Information System
HEAST - Health Effects Assessment Summary Tables
NCEA - National Center for Environmental Assessment
NA = Not Available
N/A = Not Applicable

301825

TABLE 6.1
CANCER TOXICITY DATA -- ORAL/DERMAL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Chemical of Potential Concern	Oral Cancer Slope Factor	Oral to Dermal Adjustment Factor (1)	Adjusted Dermal Cancer Slope Factor (15)	Units	Weight of Evidence/ Cancer Guideline Description	Source Target Organ	Date (2) (MM/DD/YY)
1,3-Dichlorobenzene	NA	NA	N/A	N/A	D	NCEA	04/27/01
1,1-Dichloroethylene	6.0E-001	NA	N/A	(mg/kg-day) -1	C	IRIS	04/30/01
Benzene (3)	5.5E-002	NA	N/A	(mg/kg-day) -1	A	IRIS	04/30/01
cis-1,2-Dichloroethene	NA	NA	N/A	N/A	D	IRIS; HEAST	-
Tetrachloroethylene	5.2E-002	NA	N/A	(mg/kg-day) -1	NA	NCEA	-
Trichloroethene	4.0E-001	NA	N/A	(mg/kg-day) -1	B1	NCEA	02/26/02
Vinyl Chloride (4)	7.2E-01	NA	N/A	(mg/kg-day) -1	A	IRIS	04/30/01
2-Methylnaphthalene (5)	NA	NA	N/A	N/A	D	NCEA	04/27/01
Acenaphthene	NA	NA	N/A	N/A	NA	IRIS; HEAST	-
Benzo(a)anthracene	7.3E-001	100%	7.3E-001	(mg/kg-day) -1	B2	EPA (5)	07/01/93
Benzo(a)pyrene	7.3E+000	100%	7.3E+000	(mg/kg/day)-1	B2	IRIS	04/30/01
Benzo(b)fluoranthene	7.3E-001	100%	7.3E-001	(mg/kg-day) -1	B2	EPA (6)	07/01/93
Benzo(k)fluoranthene	7.3E-002	100%	7.3E-002	(mg/kg-day) -1	B2	EPA (6)	07/01/93
Carbazole	2.0E-002	100%	2.0E-002	(mg/kg-day) -1	B2	HEAST	07/31/97
Chrysene	7.3E-003	100%	7.3E-003	(mg/kg-day) -1	B2	EPA (6)	07/01/93
Dibenz(a,h)anthracene	7.3E+000	100%	7.3E+000	(mg/kg-day) -1	B2	EPA (6)	07/01/93
Dibenzofuran	NA	NA	N/A	N/A	D	IRIS; HEAST	-
Fluoranthene	NA	NA	N/A	N/A	D	IRIS; HEAST	-
Fluorene	NA	NA	N/A	N/A	D	IRIS; HEAST	-
Indeno(1,2,3-c,d)pyrene	7.3E-001	100%	7.3E-001	(mg/kg-day) -1	B2	EPA (6)	11/01/00
Naphthalene	NA	NA	N/A	N/A	C	IRIS; HEAST	-
Phenanthrene (7)	NA	NA	N/A	N/A	D	IRIS; HEAST	-
Pyrene	NA	NA	N/A	N/A	D	IRIS; HEAST	-
2,3,7,8-TCDD	1.5E+005	100%	1.5E+005	(mg/kg/day)-1	B2	HEAST	07/31/97
4,4'-DDE	3.4E-001	NA	N/A	(mg/kg/day)-1	B2	IRIS	04/30/01
4,4'-DDT	3.4E-001	100%	3.4E-001	(mg/kg/day)-1	B2	IRIS	04/30/01
Acetophenone	NA	NA	N/A	N/A	D	IRIS; HEAST	-
Aldrin	1.7E+001	NA	N/A	(mg/kg/day)-1	B2	IRIS	04/30/01
alpha-BHC	6.3E+000	NA	N/A	(mg/kg-day) -1	B2	IRIS	04/30/01
alpha-Chlordane (8)	3.5E-001	NA	N/A	(mg/kg/day)-1	B2	IRIS	04/30/01
Aroclor-1242	NA	NA	N/A	N/A	NA	IRIS; HEAST	-
Aroclor-1248	NA	NA	N/A	N/A	NA	IRIS; HEAST	-
Aroclor-1254	NA	NA	N/A	N/A	NA	IRIS; HEAST	-
Aroclor-1260	NA	NA	N/A	N/A	NA	IRIS; HEAST	-
Dieldrin	1.6E+001	NA	N/A	(mg/kg/day)-1	B2	IRIS	04/30/01

301826

TABLE 6.1
CANCER TOXICITY DATA -- ORAL/DERMAL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Chemical of Potential Concern	Oral Cancer Slope Factor	Oral to Dermal Adjustment Factor (1)	Adjusted Dermal Cancer Slope Factor (15)	Units	Weight of Evidence/ Cancer Guideline Description	Source Target Organ	Date (2) (MM/DD/YY)
Endosulfan sulfate (9)	NA	NA	N/A	N/A	NA	IRIS; HEAST	-
Endrin	NA	NA	N/A	N/A	D	IRIS; HEAST	-
Endrin aldehyde (9)	NA	NA	N/A	N/A	NA	IRIS; HEAST	-
gamma-Chlordane (10)	3.5E-001	100%	3.5E-001	(mg/kg/day)-1	B2	IRIS	04/30/01
Heptachlor	4.5E+000	NA	N/A	(mg/kg/day)-1	B2	IRIS	04/30/01
Heptachlor Epoxide	9.1E+000	NA	N/A	(mg/kg/day)-1	B2	IRIS	04/30/01
PCBs (Dioxin-like) (11)	1.5E+005	100%	1.5E+005	(mg/kg/day)-1	B2	HEAST	07/31/97
PCBs (non-Dioxin) (12)	2.0E+000	100%	2.0E+000	(mg/kg/day)-1	B2	IRIS	04/30/01
Total PCBs (12)	2.0E+000	100%	2.0E+000	(mg/kg/day)-1	B2	IRIS	04/30/01
Aluminum	NA	NA	N/A	N/A	D	NCEA	05/10/01
Antimony	NA	NA	N/A	N/A	B1	IRIS; HEAST	-
Arsenic	1.5E+000	100%	1.5E+000	(mg/kg/day)-1	A	IRIS	04/30/01
Barium	NA	NA	N/A	N/A	D	IRIS	04/30/01
Cadmium	NA	NA	N/A	N/A	B1	IRIS	04/30/01
Chromium (VI)	NA	NA	N/A	N/A	D	IRIS; HEAST	-
Copper	NA	NA	N/A	N/A	D	IRIS; HEAST	-
Cyanide	NA	NA	N/A	N/A	D	IRIS; HEAST	-
Iron	NA	NA	N/A	N/A	D	NECA	04/27/01
Lead	NA	NA	N/A	N/A	B2	IRIS; HEAST	-
Manganese	NA	NA	N/A	N/A	D	IRIS; HEAST	-
Mercury	NA	NA	N/A	N/A	C	IRIS; HEAST	-
Nickel (13)	NA	NA	N/A	N/A	NA	IRIS; HEAST	-
Silver	NA	NA	N/A	N/A	D	IRIS; HEAST	-
Thalliuml (14)	NA	NA	N/A	N/A	D	IRIS; HEAST	-
Vanadium	NA	NA	N/A	N/A	NA	IRIS; HEAST	-
Zinc	NA	NA	N/A	N/A	D	IRIS; HEAST	-

IRIS - Integrated Risk Information System
HEAST - Health Effects Assessment Summary Tables
NCEA - National Center for Environmental Assessment
PRG - Preliminary Remediation Goal
NA = Not Available
N/A = Not Applicable
Notes:
(1) Values from RAGS, Part E, Exhibit 4.1 (USEPA, 2001e).

EPA Group:
A - Human carcinogen
B1 - Probable human carcinogen - indicates that limited human data are available
B2 - Probable human carcinogen - indicates sufficient evidence in animals and inadequate or no evidence in humans
C - Possible human carcinogen
D - Not classifiable as a human carcinogen
E - Evidence of noncarcinogenicity

301827

TABLE 6.1
CANCER TOXICITY DATA -- ORAL/DERMAL
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Chemical of Potential Concern	Oral Cancer Slope Factor	Oral to Dermal Adjustment Factor (1)	Adjusted Dermal Cancer Slope Factor (15)	Units	Weight of Evidence/ Cancer Guideline Description	Source Target Organ	Date (2) (MM/DD/YY)

(2) For IRIS values, date refers to the date IRIS was searched.
For HEAST and NCEA values, date refers to date of publication.
(3) Upper Range of oral cancer slope factors.
(4) Value of 0.72 represents the slope factor for continuous exposure during adulthood.
(5) Naphthalene used as surrogate per recommendation from NCEA paper.
(6) USEPA, 1993. Provisional Guidance for Quantitative Risk Assessment of Polycyclic Aromatic Hydrocarbons.
(7) Pyrene used as surrogate for toxicological values.
(8) Heptachlor used as surrogate toxicological values.
(9) Endrin used as surrogate for toxicological values
(10) Chlordane used as surrogate for toxicological values.
(11) 2,3,7,8-TCDD used as surrogate for toxicological values.
(12) Upper bound toxicity values used for PCBs.
(13) Nickel soluble salts used as surrogate for toxicological values.
(14) Thallium chloride used as surrogate for toxicological values.
(15) Dermal RFDs were only calculated for chemicals with a recommended dermal absorption fraction on Exhibit 3.4 in RAGS E (USEPA, 2001).

Weight of Evidence:
Known/Likely
Cannot be Determined
Not Likely

301828

TABLE 6.2
CANCER TOXICITY DATA -- INHALATION
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Chemical of Potential Concern	Unit Risk	Units	Adjustment (1)	Inhalation Cancer Slope Factor	Units	Weight of Evidence/ Cancer Guideline Description	Source	Date (2) (MM/DD/YY)
1,3-Dichlorobenzene	NA	N/A	NA	NA	N/A	D	NCEA	04/27/01
1,1-Dichloroethylene	5.0E-005	(ug/m3)-1	3500	1.8E-001	(mg/kg-day)-1	C	IRIS	04/30/01
Benzene (3)	7.8E-006	(ug/m3)-1	3500	2.7E-002	(mg/kg-day)-1	A	IRIS	04/30/01
cis-1,2-Dichloroethene	NA	N/A	NA	NA	N/A	D		-
Tetrachloroethylene	3.1E-006	(ug/m3)-1	3500	1.1E-002	(mg/kg-day)-1	NA	NCEA	12/20/01
Trichloroethene	1.1E-004	(ug/m3)-1	3500	4.0E-001	(mg/kg-day)-1	NA	NCEA	02/26/02
Vinyl Chloride (4)	4.4E-006	(ug/m3)-1	3500	1.54E-002	(mg/kg-day)-1	A	IRIS	04/30/01
2-Methylnaphthalene (5)	NA	N/A	NA	NA	N/A	D	NCEA	04/27/01
Acenaphthene	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Benzo(a)anthracene	NA	N/A	N/A	3.1E-001	(mg/kg-day)-1	B2	EPA (6)	07/01/93
Benzo(a)pyrene	NA	N/A	N/A	3.1E+000	(mg/kg-day)-1	B2	NCEA	11/01/00
Benzo(b)fluoranthene	NA	N/A	N/A	3.1E-001	(mg/kg-day)-1	B2	EPA (6)	07/01/93
Benzo(k)fluoranthene	NA	N/A	N/A	3.1E-002	(mg/kg-day)-1	B2	EPA (6)	07/01/93
Carbazole	NA	N/A	N/A	NA	N/A	B2	IRIS; HEAST	-
Chrysene	NA	N/A	NA	3.1E-003	(mg/kg-day)-1	B2	EPA (6)	07/01/93
Dibenz(a,h)anthracene	NA	N/A	NA	3.1E+000	(mg/kg-day)-1	B2	EPA (6)	07/01/93
Dibenzofuran	NA	NA	N/A	N/A	N/A	D	IRIS; HEAST	-
Fluoranthene	NA	N/A	NA	NA	N/A	D	IRIS; HEAST	-
Fluorene	NA	N/A	NA	NA	N/A	D	IRIS; HEAST	-
Indeno(1,2,3-c,d)pyrene	N/A	N/A	N/A	3.1E-001	(mg/kg-day)-1	B2	EPA (6)	07/01/93
Naphthalene	NA	N/A	NA	NA	N/A	C	IRIS; HEAST	-
Phenanthrene (7)	NA	N/A	NA	NA	N/A	D	IRIS; HEAST	-
Pyrene	NA	N/A	NA	NA	N/A	D	IRIS; HEAST	-
2,3,7,8-TCDD	3.3E+001	(ug/m3)-1	NA	1.5E+005	(mg/kg-day)-1	B2	HEAST	07/31/97
4,4'-DDE	NA	N/A	NA	NA	N/A	B2	IRIS; HEAST	-
4,4'-DDT	9.7E-005	(ug/m3)-1	3500	3.4E-001	(mg/kg-day)-1	B2	IRIS	04/30/01
Acetophenone	NA	N/A	NA	NA	N/A	D	IRIS; HEAST	-
Aldrin	4.9E-003	(ug/m3)-1	3500	1.7E+001	(mg/kg-day)-1	B2	IRIS	04/30/01
alpha-BHC	1.8E-003	(ug/m3)-1	3500	6.3E+000	(mg/kg-day)-1	B2	IRIS	04/30/01
alpha-Chlordane (8)	1.0E-004	(ug/m3)-1	3500	3.5E-001	(mg/kg-day)-1	B2	IRIS	04/30/01
Aroclor-1242	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Aroclor-1248	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Aroclor-1254	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Aroclor-1260	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Dieldrin	4.6E-003	(ug/m3)-1	3500	1.6E+001	(mg/kg-day)-1	B2	IRIS	04/30/01
Endosulfan sulfate (9)	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Endrin	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Endrin aldehyde (9)	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
gamma-Chlordane (10)	1.0E-004	(ug/m3)-1	3500	3.5E-001	(mg/kg-day)-1	B2	IRIS	04/30/01
Heptachlor	1.3E-003	(ug/m3)-1	3500	4.6E+000	(mg/kg-day)-1	B2	IRIS	04/30/01
Heptachlor Epoxide	2.6E-003	(ug/m3)-1	3500	9.1E+000	(mg/kg-day)-1	B2	IRIS	04/30/01

301829

TABLE 6.2
CANCER TOXICITY DATA -- INHALATION
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Chemical of Potential Concern	Unit Risk	Units	Adjustment (1)	Inhalation Cancer Slope Factor	Units	Weight of Evidence/ Cancer Guideline Description	Source	Date (2) (MM/DD/YY)
PCBs (Dioxin-like) (11)	3.3E+001	(ug/m3)-1	NA	1.5E+005	(mg/kg-day)-1	B2	HEAST	07/31/97
PCBs (non-Dioxin) (12)	NA	NA	NA	4.0E-001	(mg/kg-day)-1	B2	IRIS	04/30/01
Total PCBs (12)	NA	NA	NA	4.0E-001	(mg/kg-day)-1	B2	IRIS	04/30/01
Aluminum	NA	N/A	NA	NA	N/A	D	NCEA	05/10/01
Antimony	NA	N/A	NA	NA	N/A	B1	IRIS; HEAST	-
Arsenic	4.3E-003	(ug/m3)-1	3500	1.5E+001	(mg/kg-day)-1	A	IRIS	04/30/01
Barium	N/A	N/A	N/A	N/A	N/A	D	IRIS; HEAST	-
Cadmium	1.8E-003	(ug/m3)-1	3500	6.3E+000	(mg/kg-day)-1	B1	IRIS	04/30/01
Chromium (VI)	NA	N/A	NA	NA	N/A	D	IRIS; HEAST	-
Copper	NA	N/A	NA	NA	N/A	D	IRIS; HEAST	-
Cyanide	NA	N/A	NA	NA	N/A	D	IRIS; HEAST	-
Iron	NA	N/A	NA	NA	N/A	D	NCEA	04/27/01
Lead	NA	N/A	NA	NA	N/A	B2	IRIS; HEAST	-
Manganese	NA	N/A	NA	NA	N/A	D	IRIS; HEAST	-
Mercury	NA	N/A	NA	NA	N/A	C	IRIS; HEAST	-
Nickel (13)	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Silver	NA	N/A	NA	NA	N/A	D	IRIS; HEAST	-
Thallium (14)	NA	N/A	NA	NA	N/A	D	IRIS; HEAST	-
Vanadium	NA	N/A	NA	NA	N/A	NA	IRIS; HEAST	-
Zinc	NA	N/A	NA	NA	N/A	D	IRIS; HEAST	-

IRIS - Integrated Risk Information System
HEAST - Health Effects Assessment Summary Tables
NCEA - National Center for Environmental Assessment
PRG - Preliminary Remediation Goal
NA = Not Available
N/A = Not Applicable

Notes:
(1) Adjustment factor applied to Unit Risk to calculate inhalation slope factor
= 70 kg x 1/20m3/day x 1000ug/mg.
(2) For IRIS values, date refers to the date IRIS was searched.
For HEAST and NCEA values, date refers to date of publication.
(3) Upper Range of oral cancer slope factors.
(4) Value of 0.72 represents the slope factor for continuous exposure during adulthood.
(5) Naphthalene used as surrogate per recommendation from NCEA paper.
(6) USEPA, 1993. Provisional Guidance for Quantitative Risk Assessment of Polycyclic Aromatic Hydrocarbons.
(7) Pyrene used as surrogate for toxicological values.
(8) Heptachlor used as surrogate toxicological values.
(9) Endrin used as surrogate for toxicological values
(10) Chlordane used as surrogate for toxicological values.
(11) 2,3,7,8-TCDD used as surrogate for toxicological values.

EPA Group:
A - Human carcinogen
B1 - Probable human carcinogen - indicates that limited human data are available
B2 - Probable human carcinogen - indicates sufficient evidence in animals and inadequate or no evidence in humans
C - Possible human carcinogen
D - Not classifiable as a human carcinogen
E - Evidence of noncarcinogenicity

Weight of Evidence:
Known/Likely
Cannot be Determined
Not Likely

301830

TABLE 6.2
CANCER TOXICITY DATA -- INHALATION
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Chemical of Potential Concern	Unit Risk	Units	Adjustment (1)	Inhalation Cancer Slope Factor	Units	Weight of Evidence/ Cancer Guideline Description	Source	Date (2) (MM/DD/YY)

(12) Upper bound toxicity values used for PCBs.
(13) Nickel soluble salts used as surrogate for toxicological values.
(14) Thallium chloride used as surrogate for toxicological values.

301831

TABLE 7.1.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area A
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Ingestion	Benzene	0.001	mg/kg	0.001	mg/kg	Route	5.4E-010	mg/kg-day	3.0E-003	mg/kg-day	--	--	1.8E-007
	Trichloroethene	0.17	mg/kg	0.17	mg/kg	Route	9.1E-008	mg/kg-day	3.0E-004	mg/kg-day	--	--	3.0E-004
	Benzo(a)anthracene	3.1	mg/kg	3.1	mg/kg	Route	1.7E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	1.5E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	4	mg/kg	4	mg/kg	Route	2.1E-006	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	0.49	mg/kg	0.49	mg/kg	Route	2.6E-007	mg/kg-day	NA	N/A	--	--	--
	Indeno(1,2,3-cd)pyrene	0.97	mg/kg	0.97	mg/kg	Route	5.2E-007	mg/kg-day	NA	N/A	--	--	--
	Aldrin	9.2	mg/kg	9.2	mg/kg	Route	4.9E-006	mg/kg-day	3.0E-005	mg/kg-day	--	--	1.6E-001
	Aroclor 1242	0.95	mg/kg	0.95	mg/kg	Route	5.1E-007	mg/kg-day	7.0E-005	mg/kg-day	--	--	7.3E-003
	Aroclor 1254	340	mg/kg	340	mg/kg	Route	1.8E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	9.1E+000
	Total PCBs	354	mg/kg	354	mg/kg	Route	1.9E-004	mg/kg-day	NA	N/A	--	--	--
	Aluminum	13900	mg/kg	13900	mg/kg	Route	7.5E-003	mg/kg-day	1.0E+000	mg/kg-day	--	--	7.5E-003
	Antimony	14.9	mg/kg	14.9	mg/kg	Route	8.0E-006	mg/kg-day	4.0E-004	mg/kg-day	--	--	2.0E-002
	Arsenic	92.1	mg/kg	92.1	mg/kg	Route	4.9E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.6E-001
	Barium	1170	mg/kg	1170	mg/kg	Route	6.3E-004	mg/kg-day	7.0E-002	mg/kg-day	--	--	9.0E-003
	Iron	32200	mg/kg	32200	mg/kg	Route	1.7E-002	mg/kg-day	3.0E-001	mg/kg-day	--	--	5.8E-002
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--	--	--
	Manganese	556	mg/kg	556	mg/kg	Route	3.0E-004	mg/kg-day	2.3E-002	mg/kg-day	--	--	1.3E-002
	Thallium	3.1	mg/kg	3.1	mg/kg	Route	1.7E-006	mg/kg-day	8.0E-005	mg/kg-day	--	--	2.1E-002
Dermal Absorption	Benzene	0.001	mg/kg	0.001	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Trichloroethene	0.17	mg/kg	0.17	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Benzo(a)anthracene	3.1	mg/kg	3.1	mg/kg	Route	2.1E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	1.9E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	4	mg/kg	4	mg/kg	Route	2.7E-006	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	0.49	mg/kg	0.49	mg/kg	Route	3.3E-007	mg/kg-day	NA	N/A	--	--	--
	Indeno(1,2,3-cd)pyrene	0.97	mg/kg	0.97	mg/kg	Route	6.5E-007	mg/kg-day	NA	N/A	--	--	--
	Aldrin	9.2	mg/kg	9.2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aroclor 1242	0.95	mg/kg	0.95	mg/kg	Route	6.8E-007	mg/kg-day	7.0E-005	mg/kg-day	--	--	9.7E-003
	Aroclor 1254	340	mg/kg	340	mg/kg	Route	2.4E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.2E+001
	Total PCBs	354	mg/kg	354	mg/kg	Route	2.5E-004	mg/kg-day	NA	N/A	--	--	--
	Aluminum	13900	mg/kg	13900	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Antimony	14.9	mg/kg	14.9	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Arsenic	92.1	mg/kg	92.1	mg/kg	Route	1.4E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	4.7E-002
	Barium	1170	mg/kg	1170	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Iron	32200	mg/kg	32200	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Manganese	556	mg/kg	556	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Thallium	3.1	mg/kg	3.1	mg/kg	Route	N/A	N/A	NA	NA	--	--	--

301832

TABLE 7.1.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area A
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Inhalation	Benzene	0.001	mg/kg	0.001	mg/kg	Route	3.6E-009	mg/kg-day	1.7E-003	mg/kg-day	--	--	2.1E-006
	Trichloroethene	0.17	mg/kg	0.17	mg/kg	Route	4.8E-007	mg/kg-day	1.1E-002	mg/kg-day	--	--	4.2E-005
	Benzo(a)anthracene	3.1	mg/kg	3.1	mg/kg	Route	2.9E-009	mg/kg-day	NA	NA	--	--	--
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	1.1E-009	mg/kg-day	NA	NA	--	--	--
	Benzo(b)fluoranthene	4	mg/kg	4	mg/kg	Route	7.4E-009	mg/kg-day	NA	NA	--	--	--
	Dibenz(a,h)anthracene	0.49	mg/kg	0.49	mg/kg	Route	5.8E-011	mg/kg-day	NA	NA	--	--	--
	Indeno(1,2,3-cd)pyrene	0.97	mg/kg	0.97	mg/kg	Route	1.8E-010	mg/kg-day	NA	NA	--	--	--
	Aldrin	9.2	mg/kg	9.2	mg/kg	Route	1.1E-008	mg/kg-day	NA	NA	--	--	--
	Aroclor 1242	0.95	mg/kg	0.95	mg/kg	Route	1.2E-008	mg/kg-day	7.0E-005	mg/kg-day	--	--	1.7E-004
	Aroclor 1254	340	mg/kg	340	mg/kg	Route	4.4E-006	mg/kg-day	2.0E-005	mg/kg-day	--	--	2.2E-001
	Total PCBs	354	mg/kg	354	mg/kg	Route	4.6E-006	mg/kg-day	NA	NA	--	--	--
	Aluminum	13900	mg/kg	13900	mg/kg	Route	2.9E-007	mg/kg-day	1.4E-003	mg/kg-day	--	--	2.0E-004
	Antimony	14.9	mg/kg	14.9	mg/kg	Route	3.1E-010	mg/kg-day	NA	NA	--	--	--
	Arsenic	92.1	mg/kg	92.1	mg/kg	Route	1.9E-009	mg/kg-day	NA	NA	--	--	--
	Barium	1170	mg/kg	1170	mg/kg	Route	2.5E-008	mg/kg-day	1.4E-004	mg/kg-day	--	--	1.7E-004
	Iron	32200	mg/kg	32200	mg/kg	Route	6.8E-007	mg/kg-day	NA	NA	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	NA	--	--	--
	Manganese	556	mg/kg	556	mg/kg	Route	1.2E-008	mg/kg-day	1.4E-005	mg/kg-day	--	--	8.2E-004
	Thallium	3.1	mg/kg	3.1	mg/kg	Route	6.5E-011	mg/kg-day	NA	NA	--	--	--
												Total Hazard Index Across All Exposure Routes/Pathways	2.2E+001

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic.

301833

TABLE 7-1.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area A
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Ingestion	Benzene	0.001	mg/kg	0.001	mg/kg	Route	1.3E-010	mg/kg-day	3.0E-003	mg/kg-day	--	--	4.5E-008
	Trichloroethene	0.17	mg/kg	0.17	mg/kg	Route	2.3E-008	mg/kg-day	3.0E-004	mg/kg-day	--	--	7.6E-005
	Benzo(a)anthracene	3.1	mg/kg	3.1	mg/kg	Route	4.2E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	3.8E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	4	mg/kg	4	mg/kg	Route	5.4E-007	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	0.49	mg/kg	0.49	mg/kg	Route	6.6E-008	mg/kg-day	NA	N/A	--	--	--
	Indeno(1,2,3-cd)pyrene	0.97	mg/kg	0.97	mg/kg	Route	1.3E-007	mg/kg-day	NA	N/A	--	--	--
	Aldrin	9.2	mg/kg	9.2	mg/kg	Route	1.2E-006	mg/kg-day	3.0E-005	mg/kg-day	--	--	4.1E-002
	Aroclor 1242	0.95	mg/kg	0.95	mg/kg	Route	1.3E-007	mg/kg-day	7.0E-005	mg/kg-day	--	--	1.8E-003
	Aroclor 1254	340	mg/kg	340	mg/kg	Route	4.6E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	2.3E+000
	Total PCBs	354	mg/kg	354	mg/kg	Route	4.7E-005	mg/kg-day	NA	N/A	--	--	--
	Aluminum	13900	mg/kg	13900	mg/kg	Route	1.9E-003	mg/kg-day	1.0E+000	mg/kg-day	--	--	1.9E-003
	Antimony	14.9	mg/kg	14.9	mg/kg	Route	2.0E-006	mg/kg-day	4.0E-004	mg/kg-day	--	--	5.0E-003
	Arsenic	92.1	mg/kg	92.1	mg/kg	Route	1.2E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	4.1E-002
	Barium	1170	mg/kg	1170	mg/kg	Route	1.6E-004	mg/kg-day	7.0E-002	mg/kg-day	--	--	2.2E-003
	Iron	32200	mg/kg	32200	mg/kg	Route	4.3E-003	mg/kg-day	3.0E-001	mg/kg-day	--	--	1.4E-002
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--	--	--
	Manganese	556	mg/kg	556	mg/kg	Route	7.5E-005	mg/kg-day	2.3E-002	mg/kg-day	--	--	3.2E-003
	Thallium	3.1	mg/kg	3.1	mg/kg	Route	4.2E-007	mg/kg-day	8.0E-005	mg/kg-day	--	--	5.2E-003
Dermal Absorption	Benzene	0.001	mg/kg	0.001	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Trichloroethene	0.17	mg/kg	0.17	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Benzo(a)anthracene	3.1	mg/kg	3.1	mg/kg	Route	2.1E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	1.9E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	4	mg/kg	4	mg/kg	Route	2.7E-007	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	0.49	mg/kg	0.49	mg/kg	Route	3.3E-008	mg/kg-day	NA	N/A	--	--	--
	Indeno(1,2,3-cd)pyrene	0.97	mg/kg	0.97	mg/kg	Route	6.5E-008	mg/kg-day	NA	N/A	--	--	--
	Aldrin	9.2	mg/kg	9.2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aroclor 1242	0.95	mg/kg	0.95	mg/kg	Route	6.8E-008	mg/kg-day	7.0E-005	mg/kg-day	--	--	9.7E-004
	Aroclor 1254	340	mg/kg	340	mg/kg	Route	2.4E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.2E+000
	Total PCBs	354	mg/kg	354	mg/kg	Route	2.5E-005	mg/kg-day	NA	N/A	--	--	--
	Aluminum	13900	mg/kg	13900	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Antimony	14.9	mg/kg	14.9	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Arsenic	92.1	mg/kg	92.1	mg/kg	Route	1.4E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	4.7E-003
	Barium	1170	mg/kg	1170	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Iron	32200	mg/kg	32200	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Manganese	556	mg/kg	556	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Thallium	3.1	mg/kg	3.1	mg/kg	Route	N/A	N/A	NA	NA	--	--	--

301834

TABLE 7.1.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area A
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Inhalation	Benzene	0.001	mg/kg	0.001	mg/kg	Route	7.5E-010	mg/kg-day	1.7E-003	mg/kg-day	--	--	4.4E-007
	Trichloroethene	0.17	mg/kg	0.17	mg/kg	Route	9.9E-008	mg/kg-day	1.1E-002	mg/kg-day	--	--	8.7E-006
	Benzo(a)anthracene	3.1	mg/kg	3.1	mg/kg	Route	6.1E-010	mg/kg-day	NA	NA	--	--	--
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	2.3E-010	mg/kg-day	NA	NA	--	--	--
	Benzo(b)fluoranthene	4	mg/kg	4	mg/kg	Route	1.5E-009	mg/kg-day	NA	NA	--	--	--
	Dibenz(a,h)anthracene	0.49	mg/kg	0.49	mg/kg	Route	1.2E-011	mg/kg-day	NA	NA	--	--	--
	Indeno(1,2,3-cd)pyrene	0.97	mg/kg	0.97	mg/kg	Route	3.7E-011	mg/kg-day	NA	NA	--	--	--
	Aldrin	9.2	mg/kg	9.2	mg/kg	Route	2.4E-009	mg/kg-day	NA	NA	--	--	--
	Aroclor 1242	0.95	mg/kg	0.95	mg/kg	Route	2.6E-009	mg/kg-day	7.0E-005	mg/kg-day	--	--	3.6E-005
	Aroclor 1254	340	mg/kg	340	mg/kg	Route	9.1E-007	mg/kg-day	2.0E-005	mg/kg-day	--	--	4.6E-002
	Total PCBs	354	mg/kg	354	mg/kg	Route	9.5E-007	mg/kg-day	NA	NA	--	--	--
	Aluminum	13900	mg/kg	13900	mg/kg	Route	6.1E-008	mg/kg-day	1.4E-003	mg/kg-day	--	--	4.3E-005
	Antimony	14.9	mg/kg	14.9	mg/kg	Route	6.5E-011	mg/kg-day	NA	NA	--	--	--
	Arsenic	92.1	mg/kg	92.1	mg/kg	Route	4.0E-010	mg/kg-day	NA	NA	--	--	--
	Barium	1170	mg/kg	1170	mg/kg	Route	5.1E-009	mg/kg-day	1.4E-004	mg/kg-day	--	--	3.6E-005
	Iron	32200	mg/kg	32200	mg/kg	Route	1.4E-007	mg/kg-day	NA	NA	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	NA	--	--	--
	Manganese	556	mg/kg	556	mg/kg	Route	2.4E-009	mg/kg-day	1.4E-005	mg/kg-day	--	--	1.7E-004
	Thallium	3.1	mg/kg	3.1	mg/kg	Route	1.4E-011	mg/kg-day	NA	NA	--	--	--
												Total Hazard Index Across All Exposure Routes/Pathways	3.7E+000

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic.

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TABLE 7.2.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Ingestion	Benzene	0.009	mg/kg	0.009	mg/kg	Route	4.8E-009	mg/kg-day	3.0E-003	mg/kg-day	--	--	1.6E-006
	cis-1,2-Dichloroethene	9.8	mg/kg	9.8	mg/kg	Route	5.3E-006	mg/kg-day	1.0E-002	mg/kg-day	--	--	5.3E-004
	Trichloroethene	0.56	mg/kg	0.56	mg/kg	Route	3.0E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.0E-003
	2-Methylnaphthalene	206	mg/kg	206	mg/kg	Route	1.1E-004	mg/kg-day	2.0E-002	mg/kg-day	--	--	5.5E-003
	Acenaphthene	1251	mg/kg	1251	mg/kg	Route	6.7E-004	mg/kg-day	6.0E-002	mg/kg-day	--	--	1.1E-002
	Benzo(a)anthracene	411	mg/kg	411	mg/kg	Route	2.2E-004	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	233	mg/kg	233	mg/kg	Route	1.3E-004	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	68	mg/kg	68	mg/kg	Route	3.6E-005	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	202	mg/kg	202	mg/kg	Route	1.1E-004	mg/kg-day	NA	N/A	--	--	--
	Chrysene	371	mg/kg	371	mg/kg	Route	2.0E-004	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	759	mg/kg	759	mg/kg	Route	4.1E-004	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	30	mg/kg	30	mg/kg	Route	1.6E-005	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	1787	mg/kg	1787	mg/kg	Route	9.6E-004	mg/kg-day	4.0E-002	mg/kg-day	--	--	2.4E-002
	Fluorene	893	mg/kg	893	mg/kg	Route	4.8E-004	mg/kg-day	4.0E-002	mg/kg-day	--	--	1.2E-002
	Indeno(1,2,3-cd)pyrene	117	mg/kg	117	mg/kg	Route	6.3E-005	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	58	mg/kg	58	mg/kg	Route	3.1E-005	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.6E-003
	Phenanthrene	3127	mg/kg	3127	mg/kg	Route	1.7E-003	mg/kg-day	3.0E-002	mg/kg-day	--	--	5.6E-002
	Pyrene	1162	mg/kg	1162	mg/kg	Route	6.2E-004	mg/kg-day	3.0E-002	mg/kg-day	--	--	2.1E-002
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	4.3E-009	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	541	mg/kg	541	mg/kg	Route	2.9E-004	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDT	20	mg/kg	20	mg/kg	Route	1.1E-005	mg/kg-day	5.0E-004	mg/kg-day	--	--	2.1E-002
	Acetophenone	0.34	mg/kg	0.34	mg/kg	Route	1.8E-007	mg/kg-day	1.0E-001	mg/kg-day	--	--	1.8E-006
	alpha-BHC	2.4	mg/kg	2.4	mg/kg	Route	1.3E-006	mg/kg-day	NA	N/A	--	--	--
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	1.2E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	2.5E-004
	Aroclor 1254	8664	mg/kg	8664	mg/kg	Route	4.6E-003	mg/kg-day	2.0E-005	mg/kg-day	--	--	2.3E+002
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	1.2E-007	mg/kg-day	2.0E-005	mg/kg-day	--	--	5.9E-003
	Dieldrin	91	mg/kg	91	mg/kg	Route	4.9E-005	mg/kg-day	5.0E-005	mg/kg-day	--	--	9.8E-001
	Endrin aldehyde	54	mg/kg	54	mg/kg	Route	2.9E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	9.7E-002
	gamma-Chlordane	10	mg/kg	10	mg/kg	Route	5.4E-006	mg/kg-day	5.0E-004	mg/kg-day	--	--	1.1E-002
	Heptachlor	1.9	mg/kg	1.9	mg/kg	Route	1.0E-006	mg/kg-day	5.0E-004	mg/kg-day	--	--	2.0E-003
	Heptachlor epoxide	123	mg/kg	123	mg/kg	Route	6.6E-005	mg/kg-day	1.3E-005	mg/kg-day	--	--	5.1E+000
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	2.0E-006	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31588	mg/kg	31588	mg/kg	Route	1.7E-002	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	9033	mg/kg	9033	mg/kg	Route	4.8E-003	mg/kg-day	NA	N/A	--	--	--
	Aluminum	28009	mg/kg	28009	mg/kg	Route	1.5E-002	mg/kg-day	1.0E+000	mg/kg-day	--	--	1.5E-002
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	3.9E-006	mg/kg-day	4.0E-004	mg/kg-day	--	--	9.7E-003
	Arsenic	32	mg/kg	32	mg/kg	Route	1.7E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	5.7E-002
	Barium	543	mg/kg	543	mg/kg	Route	2.9E-004	mg/kg-day	7.0E-002	mg/kg-day	--	--	4.2E-003
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	2.2E-005	mg/kg-day	1.0E-003	mg/kg-day	--	--	2.2E-002
	Chromium	61	mg/kg	61	mg/kg	Route	3.3E-005	mg/kg-day	3.0E-003	mg/kg-day	--	--	1.1E-002
	Cyanide	2	mg/kg	2	mg/kg	Route	1.1E-006	mg/kg-day	2.0E-002	mg/kg-day	--	--	5.4E-005
	Iron	41575	mg/kg	41575	mg/kg	Route	2.2E-002	mg/kg-day	3.0E-001	mg/kg-day	--	--	7.4E-002
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--	--	--

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TABLE 7.2.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Manganese	745	mg/kg	745	mg/kg	Route	4.0E-004	mg/kg-day	2.3E-002	mg/kg-day	--	--	1.7E-002
	Thallium	3	mg/kg	3	mg/kg	Route	1.6E-006	mg/kg-day	8.0E-005	mg/kg-day	--	--	2.0E-002
	Vanadium	63	mg/kg	63	mg/kg	Route	3.4E-005	mg/kg-day	7.0E-003	mg/kg-day	--	--	4.8E-003
Dermal Absorption	Benzene	0.009	mg/kg	0.009	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	cis-1,2-Dichloroethene	9.8	mg/kg	9.8	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Trichloroethene	0.56	mg/kg	0.56	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	2-Methylnaphthalene	206	mg/kg	206	mg/kg	Route	1.4E-004	mg/kg-day	2.0E-002	mg/kg-day	--	--	6.9E-003
	Acenaphthene	1251	mg/kg	1251	mg/kg	Route	8.3E-004	mg/kg-day	6.0E-002	mg/kg-day	--	--	1.4E-002
	Benzo(a)anthracene	411	mg/kg	411	mg/kg	Route	2.7E-004	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	233	mg/kg	233	mg/kg	Route	1.6E-004	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	68	mg/kg	68	mg/kg	Route	4.5E-005	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	202	mg/kg	202	mg/kg	Route	1.3E-004	mg/kg-day	NA	N/A	--	--	--
	Chrysene	371	mg/kg	371	mg/kg	Route	2.5E-004	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	759	mg/kg	759	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	30	mg/kg	30	mg/kg	Route	2.0E-005	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	1787	mg/kg	1787	mg/kg	Route	1.2E-003	mg/kg-day	4.0E-002	mg/kg-day	--	--	3.0E-002
	Fluorene	893	mg/kg	893	mg/kg	Route	5.9E-004	mg/kg-day	4.0E-002	mg/kg-day	--	--	1.5E-002
	Indeno(1,2,3-cd)pyrene	117	mg/kg	117	mg/kg	Route	7.8E-005	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	58	mg/kg	58	mg/kg	Route	3.9E-005	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.9E-003
	Phenanthrene	3127	mg/kg	3127	mg/kg	Route	2.1E-003	mg/kg-day	3.0E-002	mg/kg-day	--	--	6.9E-002
	Pyrene	1162	mg/kg	1162	mg/kg	Route	7.7E-004	mg/kg-day	3.0E-002	mg/kg-day	--	--	2.6E-002
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	1.2E-009	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	541	mg/kg	541	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	4,4'-DDT	20	mg/kg	20	mg/kg	Route	3.1E-006	mg/kg-day	5.0E-004	mg/kg-day	--	--	6.1E-003
	Acetophenone	0.34	mg/kg	0.34	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-BHC	2.4	mg/kg	2.4	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aroclor 1254	8664	mg/kg	8664	mg/kg	Route	6.2E-003	mg/kg-day	2.0E-005	mg/kg-day	--	--	3.1E+002
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	1.6E-007	mg/kg-day	2.0E-005	mg/kg-day	--	--	7.9E-003
	Dieldrin	91	mg/kg	91	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin aldehyde	54	mg/kg	54	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	gamma-Chlordane	10	mg/kg	10	mg/kg	Route	2.0E-006	mg/kg-day	5.0E-004	mg/kg-day	--	--	4.1E-003
	Heptachlor	1.9	mg/kg	1.9	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor epoxide	123	mg/kg	123	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	5.8E-007	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31588	mg/kg	31588	mg/kg	Route	2.3E-002	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	9033	mg/kg	9033	mg/kg	Route	6.5E-003	mg/kg-day	NA	N/A	--	--	--
	Aluminum	28009	mg/kg	28009	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Arsenic	32	mg/kg	32	mg/kg	Route	4.9E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.6E-002
	Barium	543	mg/kg	543	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	2.1E-007	mg/kg-day	2.5E-005	mg/kg-day	--	--	8.2E-003
	Chromium	61	mg/kg	61	mg/kg	Route	N/A	N/A	NA	NA	--	--	--

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TABLE 7.2.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Cyanide	2	mg/kg	2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Iron	41575	mg/kg	41575	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Manganese	745	mg/kg	745	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Thallium	3	mg/kg	3	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Vanadium	63	mg/kg	63	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
Inhalation	Benzene	0.009	mg/kg	0.009	mg/kg	Route	3.2E-008	mg/kg-day	1.7E-003	mg/kg-day	--	--	1.9E-005
	cis-1,2-Dichloroethene	9.8	mg/kg	9.8	mg/kg	Route	3.5E-005	mg/kg-day	NA	NA	--	--	--
	Trichloroethene	0.56	mg/kg	0.56	mg/kg	Route	1.6E-006	mg/kg-day	1.1E-002	mg/kg-day	--	--	1.4E-004
	2-Methylnaphthalene	206	mg/kg	206	mg/kg	Route	3.1E-005	mg/kg-day	8.6E-004	mg/kg-day	--	--	3.7E-002
	Acenaphthene	1251	mg/kg	1251	mg/kg	Route	4.9E-005	mg/kg-day	NA	NA	--	--	--
	Benzo(a)anthracene	411	mg/kg	411	mg/kg	Route	3.9E-007	mg/kg-day	NA	NA	--	--	--
	Benzo(a)pyrene	233	mg/kg	233	mg/kg	Route	9.2E-008	mg/kg-day	NA	NA	--	--	--
	Benzo(b)fluoranthene	68	mg/kg	68	mg/kg	Route	1.3E-007	mg/kg-day	NA	NA	--	--	--
	Benzo(k)fluoranthene	202	mg/kg	202	mg/kg	Route	5.2E-008	mg/kg-day	NA	NA	--	--	--
	Chrysene	371	mg/kg	371	mg/kg	Route	1.2E-006	mg/kg-day	NA	NA	--	--	--
	Dibenzofuran	759	mg/kg	759	mg/kg	Route	1.6E-008	mg/kg-day	NA	NA	--	--	--
	Dibenz(a,h)anthracene	30	mg/kg	30	mg/kg	Route	3.6E-009	mg/kg-day	NA	NA	--	--	--
	Fluoranthene	1787	mg/kg	1787	mg/kg	Route	5.0E-006	mg/kg-day	NA	NA	--	--	--
	Fluorene	893	mg/kg	893	mg/kg	Route	1.5E-005	mg/kg-day	NA	NA	--	--	--
	Indeno(1,2,3-cd)pyrene	117	mg/kg	117	mg/kg	Route	2.1E-008	mg/kg-day	NA	NA	--	--	--
	Naphthalene	58	mg/kg	58	mg/kg	Route	8.8E-006	mg/kg-day	8.6E-004	mg/kg-day	--	--	1.0E-002
	Phenanthrene	3127	mg/kg	3127	mg/kg	Route	7.1E-006	mg/kg-day	NA	NA	--	--	--
	Pyrene	1162	mg/kg	1162	mg/kg	Route	2.7E-006	mg/kg-day	NA	NA	--	--	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	1.7E-013	mg/kg-day	NA	NA	--	--	--
	4,4'-DDE	541	mg/kg	541	mg/kg	Route	2.0E-007	mg/kg-day	NA	NA	--	--	--
	4,4'-DDT	20	mg/kg	20	mg/kg	Route	6.1E-009	mg/kg-day	NA	NA	--	--	--
	Acetophenone	0.34	mg/kg	0.34	mg/kg	Route	7.2E-012	mg/kg-day	NA	NA	--	--	--
	alpha-BHC	2.4	mg/kg	2.4	mg/kg	Route	3.7E-008	mg/kg-day	NA	NA	--	--	--
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	8.7E-010	mg/kg-day	2.0E-004	mg/kg-day	--	--	4.3E-006
	Aroclor 1254	8664	mg/kg	8664	mg/kg	Route	1.1E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	5.6E+000
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	2.8E-009	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.4E-004
	Dieldrin	91	mg/kg	91	mg/kg	Route	3.6E-007	mg/kg-day	NA	NA	--	--	--
	Endrin aldehyde	54	mg/kg	54	mg/kg	Route	2.1E-007	mg/kg-day	NA	NA	--	--	--
	gamma-Chlordane	10	mg/kg	10	mg/kg	Route	2.1E-010	mg/kg-day	2.0E-004	mg/kg-day	--	--	1.1E-006
	Heptachlor	1.9	mg/kg	1.9	mg/kg	Route	7.2E-009	mg/kg-day	NA	NA	--	--	--
	Heptachlor epoxide	123	mg/kg	123	mg/kg	Route	2.1E-007	mg/kg-day	NA	NA	--	--	--
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	8.0E-011	mg/kg-day	NA	NA	--	--	--
	Nondioxin-like PCBs	31588	mg/kg	31588	mg/kg	Route	4.1E-004	mg/kg-day	NA	NA	--	--	--
	Total PCBs	9033	mg/kg	9033	mg/kg	Route	1.2E-004	mg/kg-day	NA	NA	--	--	--
	Aluminum	28009	mg/kg	28009	mg/kg	Route	5.9E-007	mg/kg-day	1.4E-003	mg/kg-day	--	--	4.1E-004
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	1.5E-010	mg/kg-day	NA	NA	--	--	--
	Arsenic	32	mg/kg	32	mg/kg	Route	6.7E-010	mg/kg-day	NA	NA	--	--	--

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TABLE 7.2.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Barium	543	mg/kg	543	mg/kg	Route	1.1E-008	mg/kg-day	1.4E-004	mg/kg-day	--	--	8.0E-005
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	8.5E-010	mg/kg-day	5.7E-005	mg/kg-day	--	--	1.5E-005
	Chromium	61	mg/kg	61	mg/kg	Route	1.3E-009	mg/kg-day	NA	NA	--	--	--
	Cyanide	2	mg/kg	2	mg/kg	Route	4.2E-011	mg/kg-day	NA	NA	--	--	--
	Iron	41575	mg/kg	41575	mg/kg	Route	8.7E-007	mg/kg-day	NA	NA	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	NA	--	--	--
	Manganese	745	mg/kg	745	mg/kg	Route	1.6E-008	mg/kg-day	1.4E-005	mg/kg-day	--	--	1.1E-003
	Thallium	3	mg/kg	3	mg/kg	Route	6.3E-011	mg/kg-day	NA	NA	--	--	--
	Vanadium	63	mg/kg	63	mg/kg	Route	1.3E-009	mg/kg-day	NA	NA	--	--	--
												Total Hazard Index Across All Exposure Routes/Pathways	5.6E+002

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic.

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TABLE 7.2.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Ingestion	Benzene	0.009	mg/kg	0.009	mg/kg	Route	1.2E-009	mg/kg-day	3.0E-003	mg/kg-day	--	--	4.0E-007
	cis-1,2-Dichloroethene	9.8	mg/kg	9.8	mg/kg	Route	1.3E-008	mg/kg-day	1.0E-002	mg/kg-day	--	--	1.3E-004
	Trichloroethene	0.56	mg/kg	0.56	mg/kg	Route	7.5E-008	mg/kg-day	3.0E-004	mg/kg-day	--	--	2.5E-004
	2-Methylnaphthalene	206	mg/kg	206	mg/kg	Route	2.8E-005	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.4E-003
	Acenaphthene	1251	mg/kg	1251	mg/kg	Route	1.7E-004	mg/kg-day	6.0E-002	mg/kg-day	--	--	2.8E-003
	Benzo(a)anthracene	411	mg/kg	411	mg/kg	Route	5.5E-005	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	233	mg/kg	233	mg/kg	Route	3.1E-005	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	68	mg/kg	68	mg/kg	Route	9.1E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	202	mg/kg	202	mg/kg	Route	2.7E-005	mg/kg-day	NA	N/A	--	--	--
	Chrysene	371	mg/kg	371	mg/kg	Route	5.0E-005	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	759	mg/kg	759	mg/kg	Route	1.0E-004	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	30	mg/kg	30	mg/kg	Route	4.0E-006	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	1787	mg/kg	1787	mg/kg	Route	2.4E-004	mg/kg-day	4.0E-002	mg/kg-day	--	--	6.0E-003
	Fluorene	893	mg/kg	893	mg/kg	Route	1.2E-004	mg/kg-day	4.0E-002	mg/kg-day	--	--	3.0E-003
	Indeno(1,2,3-cd)pyrene	117	mg/kg	117	mg/kg	Route	1.6E-005	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	58	mg/kg	58	mg/kg	Route	7.8E-006	mg/kg-day	2.0E-002	mg/kg-day	--	--	3.9E-004
	Phenanthrene	3127	mg/kg	3127	mg/kg	Route	4.2E-004	mg/kg-day	3.0E-002	mg/kg-day	--	--	1.4E-002
	Pyrene	1162	mg/kg	1162	mg/kg	Route	1.6E-004	mg/kg-day	3.0E-002	mg/kg-day	--	--	5.2E-003
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	1.1E-009	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	541	mg/kg	541	mg/kg	Route	7.3E-005	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDT	20	mg/kg	20	mg/kg	Route	2.7E-006	mg/kg-day	5.0E-004	mg/kg-day	--	--	5.4E-003
	Acetophenone	0.34	mg/kg	0.34	mg/kg	Route	4.6E-008	mg/kg-day	1.0E-001	mg/kg-day	--	--	4.6E-007
	alpha-BHC	2.4	mg/kg	2.4	mg/kg	Route	3.2E-007	mg/kg-day	NA	N/A	--	--	--
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	3.1E-008	mg/kg-day	5.0E-004	mg/kg-day	--	--	6.2E-005
	Aroclor 1254	8664	mg/kg	8664	mg/kg	Route	1.2E-003	mg/kg-day	2.0E-005	mg/kg-day	--	--	5.8E+001
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	3.0E-008	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.5E-003
	Dieldrin	91	mg/kg	91	mg/kg	Route	1.2E-005	mg/kg-day	5.0E-005	mg/kg-day	--	--	2.4E-001
	Endrin aldehyde	54	mg/kg	54	mg/kg	Route	7.2E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	2.4E-002
	gamma-Chlordane	10	mg/kg	10	mg/kg	Route	1.3E-006	mg/kg-day	5.0E-004	mg/kg-day	--	--	2.7E-003
	Heptachlor	1.9	mg/kg	1.9	mg/kg	Route	2.5E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	5.1E-004
	Heptachlor epoxide	123	mg/kg	123	mg/kg	Route	1.7E-005	mg/kg-day	1.3E-005	mg/kg-day	--	--	1.3E+000
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	5.1E-007	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31588	mg/kg	31588	mg/kg	Route	4.2E-003	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	9033	mg/kg	9033	mg/kg	Route	1.2E-003	mg/kg-day	NA	N/A	--	--	--
	Aluminum	28009	mg/kg	28009	mg/kg	Route	3.8E-003	mg/kg-day	1.0E+000	mg/kg-day	--	--	3.8E-003
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	9.7E-007	mg/kg-day	4.0E-004	mg/kg-day	--	--	2.4E-003
	Arsenic	32	mg/kg	32	mg/kg	Route	4.3E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.4E-002
	Barium	543	mg/kg	543	mg/kg	Route	7.3E-005	mg/kg-day	7.0E-002	mg/kg-day	--	--	1.0E-003
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	5.4E-006	mg/kg-day	1.0E-003	mg/kg-day	--	--	5.4E-003
	Chromium	61	mg/kg	61	mg/kg	Route	8.2E-006	mg/kg-day	3.0E-003	mg/kg-day	--	--	2.7E-003
	Cyanide	2	mg/kg	2	mg/kg	Route	2.7E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.3E-005
	Iron	41575	mg/kg	41575	mg/kg	Route	5.6E-003	mg/kg-day	3.0E-001	mg/kg-day	--	--	1.9E-002
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--	--	--

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TABLE 7.2.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Manganese	745	mg/kg	745	mg/kg	Route	1.0E-004	mg/kg-day	2.3E-002	mg/kg-day	--	--	4.3E-003
	Thallium	3	mg/kg	3	mg/kg	Route	4.0E-007	mg/kg-day	8.0E-005	mg/kg-day	--	--	5.0E-003
	Vanadium	63	mg/kg	63	mg/kg	Route	8.5E-006	mg/kg-day	7.0E-003	mg/kg-day	--	--	1.2E-003
Dermal Absorption	Benzene	0.009	mg/kg	0.009	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	cis-1,2-Dichloroethene	9.8	mg/kg	9.8	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Trichloroethene	0.56	mg/kg	0.56	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	2-Methylnaphthalene	206	mg/kg	206	mg/kg	Route	1.4E-005	mg/kg-day	2.0E-002	mg/kg-day	--	--	6.9E-004
	Acenaphthene	1251	mg/kg	1251	mg/kg	Route	8.3E-005	mg/kg-day	6.0E-002	mg/kg-day	--	--	1.4E-003
	Benzo(a)anthracene	411	mg/kg	411	mg/kg	Route	2.7E-005	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	233	mg/kg	233	mg/kg	Route	1.6E-005	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	68	mg/kg	68	mg/kg	Route	4.5E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	202	mg/kg	202	mg/kg	Route	1.3E-005	mg/kg-day	NA	N/A	--	--	--
	Chrysene	371	mg/kg	371	mg/kg	Route	2.5E-005	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	759	mg/kg	759	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	30	mg/kg	30	mg/kg	Route	2.0E-006	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	1787	mg/kg	1787	mg/kg	Route	1.2E-004	mg/kg-day	4.0E-002	mg/kg-day	--	--	3.0E-003
	Fluorene	893	mg/kg	893	mg/kg	Route	5.9E-005	mg/kg-day	4.0E-002	mg/kg-day	--	--	1.5E-003
	Indeno(1,2,3-cd)pyrene	117	mg/kg	117	mg/kg	Route	7.8E-006	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	58	mg/kg	58	mg/kg	Route	3.9E-006	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.9E-004
	Phenanthrene	3127	mg/kg	3127	mg/kg	Route	2.1E-004	mg/kg-day	3.0E-002	mg/kg-day	--	--	6.9E-003
	Pyrene	1162	mg/kg	1162	mg/kg	Route	7.7E-005	mg/kg-day	3.0E-002	mg/kg-day	--	--	2.6E-003
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	1.2E-010	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	541	mg/kg	541	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	4,4'-DDT	20	mg/kg	20	mg/kg	Route	3.1E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	6.1E-004
	Acetophenone	0.34	mg/kg	0.34	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-BHC	2.4	mg/kg	2.4	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aroclor 1254	8664	mg/kg	8664	mg/kg	Route	6.2E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	3.1E+001
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	1.6E-008	mg/kg-day	2.0E-005	mg/kg-day	--	--	7.9E-004
	Dieldrin	91	mg/kg	91	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin aldehyde	54	mg/kg	54	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	gamma-Chlordane	10	mg/kg	10	mg/kg	Route	2.0E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	4.1E-004
	Heptachlor	1.9	mg/kg	1.9	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor epoxide	123	mg/kg	123	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	5.8E-008	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31588	mg/kg	31588	mg/kg	Route	2.3E-003	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	9033	mg/kg	9033	mg/kg	Route	6.5E-004	mg/kg-day	NA	N/A	--	--	--
	Aluminum	28009	mg/kg	28009	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Arsenic	32	mg/kg	32	mg/kg	Route	4.9E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.6E-003
	Barium	543	mg/kg	543	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	2.1E-008	mg/kg-day	2.5E-005	mg/kg-day	--	--	8.2E-004
	Chromium	61	mg/kg	61	mg/kg	Route	N/A	N/A	NA	NA	--	--	--

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TABLE 7.2.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Cyanide	2	mg/kg	2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Iron	41575	mg/kg	41575	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Manganese	745	mg/kg	745	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Thallium	3	mg/kg	3	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Vanadium	63	mg/kg	63	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
Inhalation	Benzene	0.009	mg/kg	0.009	mg/kg	Route	6.8E-009	mg/kg-day	1.7E-003	mg/kg-day	--	--	3.9E-006
	cis-1,2-Dichloroethene	9.8	mg/kg	9.8	mg/kg	Route	7.3E-006	mg/kg-day	NA	NA	--	--	--
	Trichloroethene	0.56	mg/kg	0.56	mg/kg	Route	3.3E-007	mg/kg-day	1.1E-002	mg/kg-day	--	--	2.9E-005
	2-Methylnaphthalene	206	mg/kg	206	mg/kg	Route	6.5E-006	mg/kg-day	8.6E-004	mg/kg-day	--	--	7.6E-003
	Acenaphthene	1251	mg/kg	1251	mg/kg	Route	1.0E-005	mg/kg-day	NA	NA	--	--	--
	Benzo(a)anthracene	411	mg/kg	411	mg/kg	Route	8.1E-008	mg/kg-day	NA	NA	--	--	--
	Benzo(a)pyrene	233	mg/kg	233	mg/kg	Route	1.9E-008	mg/kg-day	NA	NA	--	--	--
	Benzo(b)fluoranthene	68	mg/kg	68	mg/kg	Route	2.6E-008	mg/kg-day	NA	NA	--	--	--
	Benzo(k)fluoranthene	202	mg/kg	202	mg/kg	Route	1.1E-008	mg/kg-day	NA	NA	--	--	--
	Chrysene	371	mg/kg	371	mg/kg	Route	2.4E-007	mg/kg-day	NA	NA	--	--	--
	Dibenzofuran	759	mg/kg	759	mg/kg	Route	3.3E-009	mg/kg-day	NA	NA	--	--	--
	Dibenz(a,h)anthracene	30	mg/kg	30	mg/kg	Route	7.4E-010	mg/kg-day	NA	NA	--	--	--
	Fluoranthene	1787	mg/kg	1787	mg/kg	Route	1.0E-006	mg/kg-day	NA	NA	--	--	--
	Fluorene	893	mg/kg	893	mg/kg	Route	3.1E-006	mg/kg-day	NA	NA	--	--	--
	Indeno(1,2,3-cd)pyrene	117	mg/kg	117	mg/kg	Route	4.4E-009	mg/kg-day	NA	NA	--	--	--
	Naphthalene	58	mg/kg	58	mg/kg	Route	1.8E-008	mg/kg-day	8.6E-004	mg/kg-day	--	--	2.1E-003
	Phenanthrene	3127	mg/kg	3127	mg/kg	Route	1.5E-006	mg/kg-day	NA	NA	--	--	--
	Pyrene	1162	mg/kg	1162	mg/kg	Route	5.5E-007	mg/kg-day	NA	NA	--	--	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	3.5E-014	mg/kg-day	NA	NA	--	--	--
	4,4'-DDE	541	mg/kg	541	mg/kg	Route	4.1E-008	mg/kg-day	NA	NA	--	--	--
	4,4'-DDT	20	mg/kg	20	mg/kg	Route	1.3E-009	mg/kg-day	NA	NA	--	--	--
	Acetophenone	0.34	mg/kg	0.34	mg/kg	Route	1.5E-012	mg/kg-day	NA	NA	--	--	--
	alpha-BHC	2.4	mg/kg	2.4	mg/kg	Route	7.8E-009	mg/kg-day	NA	NA	--	--	--
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	1.8E-010	mg/kg-day	2.0E-004	mg/kg-day	--	--	9.1E-007
	Aroclor 1254	8664	mg/kg	8664	mg/kg	Route	2.3E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.2E+000
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	5.9E-010	mg/kg-day	2.0E-005	mg/kg-day	--	--	3.0E-005
	Dieldrin	91	mg/kg	91	mg/kg	Route	7.6E-008	mg/kg-day	NA	NA	--	--	--
	Endrin aldehyde	54	mg/kg	54	mg/kg	Route	4.4E-008	mg/kg-day	NA	NA	--	--	--
	gamma-Chlordane	10	mg/kg	10	mg/kg	Route	4.4E-011	mg/kg-day	2.0E-004	mg/kg-day	--	--	2.2E-007
	Heptachlor	1.9	mg/kg	1.9	mg/kg	Route	1.5E-009	mg/kg-day	NA	NA	--	--	--
	Heptachlor epoxide	123	mg/kg	123	mg/kg	Route	4.4E-008	mg/kg-day	NA	NA	--	--	--
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	1.7E-011	mg/kg-day	NA	NA	--	--	--
	Nondioxin-like PCBs	31588	mg/kg	31588	mg/kg	Route	8.5E-005	mg/kg-day	NA	NA	--	--	--
	Total PCBs	9033	mg/kg	9033	mg/kg	Route	2.4E-005	mg/kg-day	NA	NA	--	--	--
	Aluminum	28009	mg/kg	28009	mg/kg	Route	1.2E-007	mg/kg-day	1.4E-003	mg/kg-day	--	--	8.6E-005
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	3.2E-011	mg/kg-day	NA	NA	--	--	--
	Arsenic	32	mg/kg	32	mg/kg	Route	1.4E-010	mg/kg-day	NA	NA	--	--	--

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TABLE 7 2 CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Barium	543	mg/kg	543	mg/kg	Route	2.4E-009	mg/kg-day	1.4E-004	mg/kg-day	--	--	1.7E-005
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	1.8E-010	mg/kg-day	5.7E-005	mg/kg-day	--	--	3.1E-006
	Chromium	61	mg/kg	61	mg/kg	Route	2.7E-010	mg/kg-day	NA	NA	--	--	--
	Cyanide	2	mg/kg	2	mg/kg	Route	8.8E-012	mg/kg-day	NA	NA	--	--	--
	Iron	41575	mg/kg	41575	mg/kg	Route	1.8E-007	mg/kg-day	NA	NA	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	NA	--	--	--
	Manganese	745	mg/kg	745	mg/kg	Route	3.3E-009	mg/kg-day	1.4E-005	mg/kg-day	--	--	2.3E-004
	Thallium	3	mg/kg	3	mg/kg	Route	1.3E-011	mg/kg-day	NA	NA	--	--	--
	Vanadium	63	mg/kg	63	mg/kg	Route	2.8E-010	mg/kg-day	NA	NA	--	--	--
												Total Hazard Index Across All Exposure Routes/Pathways	9.2E+001

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic.

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TABLE 7.3.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Ingestion	Benzene	0.009	mg/kg	0.009	mg/kg	Route	4.8E-009	mg/kg-day	3.0E-003	mg/kg-day	--	--	1.6E-006
	cis-1,2-Dichloroethene	0.07	mg/kg	0.07	mg/kg	Route	3.8E-008	mg/kg-day	1.0E-002	mg/kg-day	--	--	3.8E-006
	Trichloroethene	0.09	mg/kg	0.09	mg/kg	Route	4.8E-008	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.6E-004
	2-Methylnaphthalene	0.55	mg/kg	0.55	mg/kg	Route	3.0E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.5E-005
	Acenaphthene	0.22	mg/kg	0.22	mg/kg	Route	1.2E-007	mg/kg-day	6.0E-002	mg/kg-day	--	--	2.0E-006
	Benzo(a)anthracene	2.7	mg/kg	2.7	mg/kg	Route	1.4E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	1.5E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	3.3	mg/kg	3.3	mg/kg	Route	1.8E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	2.65	mg/kg	2.65	mg/kg	Route	1.4E-006	mg/kg-day	NA	N/A	--	--	--
	Chrysene	3.37	mg/kg	3.37	mg/kg	Route	1.8E-006	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	0.25	mg/kg	0.25	mg/kg	Route	1.3E-007	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	0.61	mg/kg	0.61	mg/kg	Route	3.3E-007	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	3.8	mg/kg	3.8	mg/kg	Route	2.0E-006	mg/kg-day	4.0E-002	mg/kg-day	--	--	5.1E-005
	Fluorene	0.27	mg/kg	0.27	mg/kg	Route	1.4E-007	mg/kg-day	4.0E-002	mg/kg-day	--	--	3.6E-006
	Indeno(1,2,3-cd)pyrene	2.28	mg/kg	2.28	mg/kg	Route	1.2E-006	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	0.37	mg/kg	0.37	mg/kg	Route	2.0E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	9.9E-006
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	1.1E-006	mg/kg-day	3.0E-002	mg/kg-day	--	--	3.8E-005
	Pyrene	5.4	mg/kg	5.4	mg/kg	Route	2.9E-006	mg/kg-day	3.0E-002	mg/kg-day	--	--	9.7E-005
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	4.3E-009	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	13.7	mg/kg	13.7	mg/kg	Route	7.4E-006	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDT	0.8	mg/kg	0.8	mg/kg	Route	4.3E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	8.6E-004
	Acetophenone	0.3	mg/kg	0.3	mg/kg	Route	1.6E-007	mg/kg-day	1.0E-001	mg/kg-day	--	--	1.6E-006
	alpha-BHC	0.075	mg/kg	0.075	mg/kg	Route	4.0E-008	mg/kg-day	NA	N/A	--	--	--
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	1.2E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	2.5E-004
	Aroclor 1254	544	mg/kg	544	mg/kg	Route	2.9E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.5E+001
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	1.2E-007	mg/kg-day	2.0E-005	mg/kg-day	--	--	5.9E-003
	Dieldrin	16.5	mg/kg	16.5	mg/kg	Route	8.9E-006	mg/kg-day	5.0E-005	mg/kg-day	--	--	1.8E-001
	Endrin aldehyde	3.5	mg/kg	3.5	mg/kg	Route	1.9E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	6.3E-003
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	1.7E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	3.4E-004
	Heptachlor	0.41	mg/kg	0.41	mg/kg	Route	2.2E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	4.4E-004
	Heptachlor epoxide	6.7	mg/kg	6.7	mg/kg	Route	3.6E-006	mg/kg-day	1.3E-005	mg/kg-day	--	--	2.8E-001
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	2.0E-006	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	1.7E-002	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	926	mg/kg	926	mg/kg	Route	5.0E-004	mg/kg-day	NA	N/A	--	--	--
	Aluminum	28009	mg/kg	28009	mg/kg	Route	1.5E-002	mg/kg-day	1.0E+000	mg/kg-day	--	--	1.5E-002
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	3.9E-006	mg/kg-day	4.0E-004	mg/kg-day	--	--	9.7E-003
	Arsenic	32	mg/kg	32	mg/kg	Route	1.7E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	5.7E-002
	Barium	381	mg/kg	381	mg/kg	Route	2.0E-004	mg/kg-day	7.0E-002	mg/kg-day	--	--	2.9E-003
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	2.2E-005	mg/kg-day	1.0E-003	mg/kg-day	--	--	2.2E-002
	Chromium	45	mg/kg	45	mg/kg	Route	2.4E-005	mg/kg-day	3.0E-003	mg/kg-day	--	--	8.0E-003
	Cyanide	0.88	mg/kg	0.88	mg/kg	Route	4.7E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	2.4E-005
	Iron	34473	mg/kg	34473	mg/kg	Route	1.8E-002	mg/kg-day	3.0E-001	mg/kg-day	--	--	6.2E-002
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--	--	--

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TABLE 7.3.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Manganese	745	mg/kg	745	mg/kg	Route	4.0E-004	mg/kg-day	2.3E-002	mg/kg-day	--	--	1.7E-002
	Thallium	1.7	mg/kg	1.7	mg/kg	Route	9.1E-007	mg/kg-day	8.0E-005	mg/kg-day	--	--	1.1E-002
	Vanadium	55	mg/kg	55	mg/kg	Route	3.0E-005	mg/kg-day	7.0E-003	mg/kg-day	--	--	4.2E-003
Dermal Absorption	Benzene	0.009	mg/kg	0.009	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	cis-1,2-Dichloroethene	0.07	mg/kg	0.07	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Trichloroethene	0.09	mg/kg	0.09	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	2-Methylnaphthalene	0.55	mg/kg	0.55	mg/kg	Route	3.7E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.8E-005
	Acenaphthene	0.22	mg/kg	0.22	mg/kg	Route	1.5E-007	mg/kg-day	6.0E-002	mg/kg-day	--	--	2.4E-006
	Benzo(a)anthracene	2.7	mg/kg	2.7	mg/kg	Route	1.8E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	1.9E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	3.3	mg/kg	3.3	mg/kg	Route	2.2E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	2.65	mg/kg	2.65	mg/kg	Route	1.8E-006	mg/kg-day	NA	N/A	--	--	--
	Chrysene	3.37	mg/kg	3.37	mg/kg	Route	2.2E-006	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	0.25	mg/kg	0.25	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	0.61	mg/kg	0.61	mg/kg	Route	4.1E-007	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	3.8	mg/kg	3.8	mg/kg	Route	2.5E-006	mg/kg-day	4.0E-002	mg/kg-day	--	--	6.3E-005
	Fluorene	0.27	mg/kg	0.27	mg/kg	Route	1.8E-007	mg/kg-day	4.0E-002	mg/kg-day	--	--	4.5E-006
	Indeno(1,2,3-cd)pyrene	2.28	mg/kg	2.28	mg/kg	Route	1.5E-006	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	0.37	mg/kg	0.37	mg/kg	Route	2.5E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.2E-005
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	1.4E-006	mg/kg-day	3.0E-002	mg/kg-day	--	--	4.7E-005
	Pyrene	5.4	mg/kg	5.4	mg/kg	Route	3.6E-006	mg/kg-day	3.0E-002	mg/kg-day	--	--	1.2E-004
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	1.2E-009	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	13.7	mg/kg	13.7	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	4,4'-DDT	0.8	mg/kg	0.8	mg/kg	Route	1.2E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	2.5E-004
	Acetophenone	0.3	mg/kg	0.3	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-BHC	0.075	mg/kg	0.075	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aroclor 1254	544	mg/kg	544	mg/kg	Route	3.9E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.9E+001
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	1.6E-007	mg/kg-day	2.0E-005	mg/kg-day	--	--	7.9E-003
	Dieldrin	16.5	mg/kg	16.5	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin aldehyde	3.5	mg/kg	3.5	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	6.6E-008	mg/kg-day	5.0E-004	mg/kg-day	--	--	1.3E-004
	Heptachlor	0.41	mg/kg	0.41	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor epoxide	6.7	mg/kg	6.7	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	5.8E-007	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.3E-002	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	926	mg/kg	926	mg/kg	Route	6.6E-004	mg/kg-day	NA	N/A	--	--	--
	Aluminum	28009	mg/kg	28009	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Arsenic	32	mg/kg	32	mg/kg	Route	4.9E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.6E-002
	Barium	381	mg/kg	381	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	2.1E-007	mg/kg-day	2.5E-005	mg/kg-day	--	--	8.2E-003
	Chromium	45	mg/kg	45	mg/kg	Route	N/A	N/A	NA	NA	--	--	--

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TABLE 7.3.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Cyanide	0.88	mg/kg	0.88	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Iron	34473	mg/kg	34473	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Manganese	745	mg/kg	745	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Thallium	1.7	mg/kg	1.7	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Vanadium	55	mg/kg	55	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
Inhalation	Benzene	0.009	mg/kg	0.009	mg/kg	Route	3.2E-008	mg/kg-day	1.7E-003	mg/kg-day	--	--	1.9E-005
	cis-1,2-Dichloroethene	0.07	mg/kg	0.07	mg/kg	Route	2.5E-007	mg/kg-day	NA	NA	--	--	--
	Trichloroethene	0.09	mg/kg	0.09	mg/kg	Route	2.5E-007	mg/kg-day	1.1E-002	mg/kg-day	--	--	2.2E-005
	2-Methylnaphthalene	0.55	mg/kg	0.55	mg/kg	Route	8.4E-008	mg/kg-day	8.6E-004	mg/kg-day	--	--	9.8E-005
	Acenaphthene	0.22	mg/kg	0.22	mg/kg	Route	8.6E-009	mg/kg-day	NA	NA	--	--	--
	Benzo(a)anthracene	2.7	mg/kg	2.7	mg/kg	Route	2.6E-009	mg/kg-day	NA	NA	--	--	--
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	1.1E-009	mg/kg-day	NA	NA	--	--	--
	Benzo(b)fluoranthene	3.3	mg/kg	3.3	mg/kg	Route	6.1E-009	mg/kg-day	NA	NA	--	--	--
	Benzo(k)fluoranthene	2.65	mg/kg	2.65	mg/kg	Route	6.8E-010	mg/kg-day	NA	NA	--	--	--
	Chrysene	3.37	mg/kg	3.37	mg/kg	Route	1.1E-008	mg/kg-day	NA	NA	--	--	--
	Dibenzofuran	0.25	mg/kg	0.25	mg/kg	Route	5.3E-012	mg/kg-day	NA	NA	--	--	--
	Dibenz(a,h)anthracene	0.61	mg/kg	0.61	mg/kg	Route	7.3E-011	mg/kg-day	NA	NA	--	--	--
	Fluoranthene	3.8	mg/kg	3.8	mg/kg	Route	1.1E-008	mg/kg-day	NA	NA	--	--	--
	Fluorene	0.27	mg/kg	0.27	mg/kg	Route	4.5E-009	mg/kg-day	NA	NA	--	--	--
	Indeno(1,2,3-cd)pyrene	2.28	mg/kg	2.28	mg/kg	Route	4.1E-010	mg/kg-day	NA	NA	--	--	--
	Naphthalene	0.37	mg/kg	0.37	mg/kg	Route	5.6E-008	mg/kg-day	8.6E-004	mg/kg-day	--	--	6.6E-005
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	4.8E-009	mg/kg-day	NA	NA	--	--	--
	Pyrene	5.4	mg/kg	5.4	mg/kg	Route	1.2E-008	mg/kg-day	NA	NA	--	--	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	1.7E-013	mg/kg-day	NA	NA	--	--	--
	4,4'-DDE	13.7	mg/kg	13.7	mg/kg	Route	5.0E-009	mg/kg-day	NA	NA	--	--	--
	4,4'-DDT	0.8	mg/kg	0.8	mg/kg	Route	2.5E-010	mg/kg-day	NA	NA	--	--	--
	Acetophenone	0.3	mg/kg	0.3	mg/kg	Route	6.3E-012	mg/kg-day	NA	NA	--	--	--
	alpha-BHC	0.075	mg/kg	0.075	mg/kg	Route	1.2E-009	mg/kg-day	NA	NA	--	--	--
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	8.7E-010	mg/kg-day	2.0E-004	mg/kg-day	--	--	4.3E-006
	Aroclor 1254	544	mg/kg	544	mg/kg	Route	7.0E-006	mg/kg-day	2.0E-005	mg/kg-day	--	--	3.5E-001
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	2.8E-009	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.4E-004
	Dieldrin	16.5	mg/kg	16.5	mg/kg	Route	6.6E-008	mg/kg-day	NA	NA	--	--	--
	Endrin aldehyde	3.5	mg/kg	3.5	mg/kg	Route	1.4E-008	mg/kg-day	NA	NA	--	--	--
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	6.7E-012	mg/kg-day	2.0E-004	mg/kg-day	--	--	3.4E-008
	Heptachlor	0.41	mg/kg	0.41	mg/kg	Route	1.6E-009	mg/kg-day	NA	NA	--	--	--
	Heptachlor epoxide	6.7	mg/kg	6.7	mg/kg	Route	1.1E-008	mg/kg-day	NA	NA	--	--	--
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	8.0E-011	mg/kg-day	NA	NA	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	4.1E-004	mg/kg-day	NA	NA	--	--	--
	Total PCBs	926	mg/kg	926	mg/kg	Route	1.2E-005	mg/kg-day	NA	NA	--	--	--
	Aluminum	28009	mg/kg	28009	mg/kg	Route	5.9E-007	mg/kg-day	1.4E-003	mg/kg-day	--	--	4.1E-004
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	1.5E-010	mg/kg-day	NA	NA	--	--	--
	Arsenic	32	mg/kg	32	mg/kg	Route	6.7E-010	mg/kg-day	NA	NA	--	--	--

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TABLE 7.3.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Barium	381	mg/kg	381	mg/kg	Route	8.0E-009	mg/kg-day	1.4E-004	mg/kg-day	--	--	5.6E-005
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	8.5E-010	mg/kg-day	5.7E-005	mg/kg-day	--	--	1.5E-005
	Chromium	45	mg/kg	45	mg/kg	Route	9.5E-010	mg/kg-day	NA	NA	--	--	--
	Cyanide	0.88	mg/kg	0.88	mg/kg	Route	1.9E-011	mg/kg-day	NA	NA	--	--	--
	Iron	34473	mg/kg	34473	mg/kg	Route	7.3E-007	mg/kg-day	NA	NA	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	NA	--	--	--
	Manganese	745	mg/kg	745	mg/kg	Route	1.6E-008	mg/kg-day	1.4E-005	mg/kg-day	--	--	1.1E-003
	Thallium	1.7	mg/kg	1.7	mg/kg	Route	3.6E-011	mg/kg-day	NA	NA	--	--	--
	Vanadium	55	mg/kg	55	mg/kg	Route	1.2E-009	mg/kg-day	NA	NA	--	--	--
												Total Hazard Index Across All Exposure Routes/Pathways	3.5E+001

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic.

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TABLE 7.3.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Ingestion	Benzene	0.009	mg/kg	0.009	mg/kg	Route	1.2E-009	mg/kg-day	3.0E-003	mg/kg-day	--	--	4.0E-007
	cis-1,2-Dichloroethene	0.07	mg/kg	0.07	mg/kg	Route	9.4E-009	mg/kg-day	1.0E-002	mg/kg-day	--	--	9.4E-007
	Trichloroethene	0.09	mg/kg	0.09	mg/kg	Route	1.2E-008	mg/kg-day	3.0E-004	mg/kg-day	--	--	4.0E-005
	2-Methylnaphthalene	0.55	mg/kg	0.55	mg/kg	Route	7.4E-008	mg/kg-day	2.0E-002	mg/kg-day	--	--	3.7E-006
	Acenaphthene	0.22	mg/kg	0.22	mg/kg	Route	3.0E-008	mg/kg-day	6.0E-002	mg/kg-day	--	--	4.9E-007
	Benzo(a)anthracene	2.7	mg/kg	2.7	mg/kg	Route	3.6E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	3.8E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	3.3	mg/kg	3.3	mg/kg	Route	4.4E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	2.65	mg/kg	2.65	mg/kg	Route	3.6E-007	mg/kg-day	NA	N/A	--	--	--
	Chrysene	3.37	mg/kg	3.37	mg/kg	Route	4.5E-007	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	0.25	mg/kg	0.25	mg/kg	Route	3.4E-008	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	0.61	mg/kg	0.61	mg/kg	Route	8.2E-008	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	3.8	mg/kg	3.8	mg/kg	Route	5.1E-007	mg/kg-day	4.0E-002	mg/kg-day	--	--	1.3E-005
	Fluorene	0.27	mg/kg	0.27	mg/kg	Route	3.6E-008	mg/kg-day	4.0E-002	mg/kg-day	--	--	9.1E-007
	Indeno(1,2,3-cd)pyrene	2.28	mg/kg	2.28	mg/kg	Route	3.1E-007	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	0.37	mg/kg	0.37	mg/kg	Route	5.0E-008	mg/kg-day	2.0E-002	mg/kg-day	--	--	2.5E-006
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	2.8E-007	mg/kg-day	3.0E-002	mg/kg-day	--	--	9.4E-006
	Pyrene	5.4	mg/kg	5.4	mg/kg	Route	7.2E-007	mg/kg-day	3.0E-002	mg/kg-day	--	--	2.4E-005
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	1.1E-009	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	13.7	mg/kg	13.7	mg/kg	Route	1.8E-006	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDT	0.8	mg/kg	0.8	mg/kg	Route	1.1E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	2.1E-004
	Acetophenone	0.3	mg/kg	0.3	mg/kg	Route	4.0E-008	mg/kg-day	1.0E-001	mg/kg-day	--	--	4.0E-007
	alpha-BHC	0.075	mg/kg	0.075	mg/kg	Route	1.0E-008	mg/kg-day	NA	N/A	--	--	--
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	3.1E-008	mg/kg-day	5.0E-004	mg/kg-day	--	--	6.2E-005
	Aroclor 1254	544	mg/kg	544	mg/kg	Route	7.3E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	3.6E+000
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	3.0E-008	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.5E-003
	Dieldrin	16.5	mg/kg	16.5	mg/kg	Route	2.2E-006	mg/kg-day	5.0E-005	mg/kg-day	--	--	4.4E-002
	Endrin aldehyde	3.5	mg/kg	3.5	mg/kg	Route	4.7E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.6E-003
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	4.3E-008	mg/kg-day	5.0E-004	mg/kg-day	--	--	8.6E-005
	Heptachlor	0.41	mg/kg	0.41	mg/kg	Route	5.5E-008	mg/kg-day	5.0E-004	mg/kg-day	--	--	1.1E-004
	Heptachlor epoxide	6.7	mg/kg	6.7	mg/kg	Route	9.0E-007	mg/kg-day	1.3E-005	mg/kg-day	--	--	6.9E-002
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	5.1E-007	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	4.2E-003	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	926	mg/kg	926	mg/kg	Route	1.2E-004	mg/kg-day	NA	N/A	--	--	--
	Aluminum	28009	mg/kg	28009	mg/kg	Route	3.8E-003	mg/kg-day	1.0E+000	mg/kg-day	--	--	3.8E-003
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	9.7E-007	mg/kg-day	4.0E-004	mg/kg-day	--	--	2.4E-003
	Arsenic	32	mg/kg	32	mg/kg	Route	4.3E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.4E-002
	Barium	381	mg/kg	381	mg/kg	Route	5.1E-005	mg/kg-day	7.0E-002	mg/kg-day	--	--	7.3E-004
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	5.4E-006	mg/kg-day	1.0E-003	mg/kg-day	--	--	5.4E-003
	Chromium	45	mg/kg	45	mg/kg	Route	6.0E-006	mg/kg-day	3.0E-003	mg/kg-day	--	--	2.0E-003
	Cyanide	0.88	mg/kg	0.88	mg/kg	Route	1.2E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	5.9E-006
	Iron	34473	mg/kg	34473	mg/kg	Route	4.6E-003	mg/kg-day	3.0E-001	mg/kg-day	--	--	1.5E-002
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--	--	--

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TABLE 7.3.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Manganese	745	mg/kg	745	mg/kg	Route	1.0E-004	mg/kg-day	2.3E-002	mg/kg-day	--	--	4.3E-003
	Thallium	1.7	mg/kg	1.7	mg/kg	Route	2.3E-007	mg/kg-day	8.0E-005	mg/kg-day	--	--	2.9E-003
	Vanadium	55	mg/kg	55	mg/kg	Route	7.4E-006	mg/kg-day	7.0E-003	mg/kg-day	--	--	1.1E-003
Dermal Absorption	Benzene	0.009	mg/kg	0.009	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	cis-1,2-Dichloroethene	0.07	mg/kg	0.07	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Trichloroethene	0.09	mg/kg	0.09	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	2-Methylnaphthalene	0.55	mg/kg	0.55	mg/kg	Route	3.7E-008	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.8E-006
	Acenaphthene	0.22	mg/kg	0.22	mg/kg	Route	1.5E-008	mg/kg-day	6.0E-002	mg/kg-day	--	--	2.4E-007
	Benzo(a)anthracene	2.7	mg/kg	2.7	mg/kg	Route	1.8E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	1.9E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	3.3	mg/kg	3.3	mg/kg	Route	2.2E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	2.65	mg/kg	2.65	mg/kg	Route	1.8E-007	mg/kg-day	NA	N/A	--	--	--
	Chrysene	3.37	mg/kg	3.37	mg/kg	Route	2.2E-007	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	0.25	mg/kg	0.25	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	0.61	mg/kg	0.61	mg/kg	Route	4.1E-008	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	3.8	mg/kg	3.8	mg/kg	Route	2.5E-007	mg/kg-day	4.0E-002	mg/kg-day	--	--	6.3E-006
	Fluorene	0.27	mg/kg	0.27	mg/kg	Route	1.8E-008	mg/kg-day	4.0E-002	mg/kg-day	--	--	4.5E-007
	Indeno(1,2,3-cd)pyrene	2.28	mg/kg	2.28	mg/kg	Route	1.5E-007	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	0.37	mg/kg	0.37	mg/kg	Route	2.5E-008	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.2E-006
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	1.4E-007	mg/kg-day	3.0E-002	mg/kg-day	--	--	4.7E-006
	Pyrene	5.4	mg/kg	5.4	mg/kg	Route	3.6E-007	mg/kg-day	3.0E-002	mg/kg-day	--	--	1.2E-005
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	1.2E-010	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	13.7	mg/kg	13.7	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	4,4'-DDT	0.8	mg/kg	0.8	mg/kg	Route	1.2E-008	mg/kg-day	5.0E-004	mg/kg-day	--	--	2.5E-005
	Acetophenone	0.3	mg/kg	0.3	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-BHC	0.075	mg/kg	0.075	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aroclor 1254	544	mg/kg	544	mg/kg	Route	3.9E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.9E+000
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	1.6E-008	mg/kg-day	2.0E-005	mg/kg-day	--	--	7.9E-004
	Dieldrin	16.5	mg/kg	16.5	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin aldehyde	3.5	mg/kg	3.5	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	6.6E-009	mg/kg-day	5.0E-004	mg/kg-day	--	--	1.3E-005
	Heptachlor	0.41	mg/kg	0.41	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor epoxide	6.7	mg/kg	6.7	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	5.8E-008	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.3E-003	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	926	mg/kg	926	mg/kg	Route	6.6E-005	mg/kg-day	NA	N/A	--	--	--
	Aluminum	28009	mg/kg	28009	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Arsenic	32	mg/kg	32	mg/kg	Route	4.9E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.6E-003
	Barium	381	mg/kg	381	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	2.1E-008	mg/kg-day	2.5E-005	mg/kg-day	--	--	8.2E-004
	Chromium	45	mg/kg	45	mg/kg	Route	N/A	N/A	NA	NA	--	--	--

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TABLE 7.3.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Cyanide	0.88	mg/kg	0.88	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Iron	34473	mg/kg	34473	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Manganese	745	mg/kg	745	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Thallium	1.7	mg/kg	1.7	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Vanadium	55	mg/kg	55	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
Inhalation	Benzene	0.009	mg/kg	0.009	mg/kg	Route	6.8E-009	mg/kg-day	1.7E-003	mg/kg-day	--	--	3.9E-006
	cis-1,2-Dichloroethene	0.07	mg/kg	0.07	mg/kg	Route	5.2E-008	mg/kg-day	NA	NA	--	--	--
	Trichloroethene	0.09	mg/kg	0.09	mg/kg	Route	5.3E-008	mg/kg-day	1.1E-002	mg/kg-day	--	--	4.6E-006
	2-Methylnaphthalene	0.55	mg/kg	0.55	mg/kg	Route	1.7E-008	mg/kg-day	8.6E-004	mg/kg-day	--	--	2.0E-005
	Acenaphthene	0.22	mg/kg	0.22	mg/kg	Route	1.8E-009	mg/kg-day	NA	NA	--	--	--
	Benzo(a)anthracene	2.7	mg/kg	2.7	mg/kg	Route	5.3E-010	mg/kg-day	NA	NA	--	--	--
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	2.3E-010	mg/kg-day	NA	NA	--	--	--
	Benzo(b)fluoranthene	3.3	mg/kg	3.3	mg/kg	Route	1.3E-009	mg/kg-day	NA	NA	--	--	--
	Benzo(k)fluoranthene	2.65	mg/kg	2.65	mg/kg	Route	1.4E-010	mg/kg-day	NA	NA	--	--	--
	Chrysene	3.37	mg/kg	3.37	mg/kg	Route	2.2E-009	mg/kg-day	NA	NA	--	--	--
	Dibenzofuran	0.25	mg/kg	0.25	mg/kg	Route	1.1E-012	mg/kg-day	NA	NA	--	--	--
	Dibenz(a,h)anthracene	0.61	mg/kg	0.61	mg/kg	Route	1.5E-011	mg/kg-day	NA	NA	--	--	--
	Fluoranthene	3.8	mg/kg	3.8	mg/kg	Route	2.2E-009	mg/kg-day	NA	NA	--	--	--
	Fluorene	0.27	mg/kg	0.27	mg/kg	Route	9.4E-010	mg/kg-day	NA	NA	--	--	--
	Indeno(1,2,3-cd)pyrene	2.28	mg/kg	2.28	mg/kg	Route	8.6E-011	mg/kg-day	NA	NA	--	--	--
	Naphthalene	0.37	mg/kg	0.37	mg/kg	Route	1.2E-008	mg/kg-day	8.6E-004	mg/kg-day	--	--	1.4E-005
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	1.0E-009	mg/kg-day	NA	NA	--	--	--
	Pyrene	5.4	mg/kg	5.4	mg/kg	Route	2.6E-009	mg/kg-day	NA	NA	--	--	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	3.5E-014	mg/kg-day	NA	NA	--	--	--
	4,4'-DDE	13.7	mg/kg	13.7	mg/kg	Route	1.0E-009	mg/kg-day	NA	NA	--	--	--
	4,4'-DDT	0.8	mg/kg	0.8	mg/kg	Route	5.1E-011	mg/kg-day	NA	NA	--	--	--
	Acetophenone	0.3	mg/kg	0.3	mg/kg	Route	1.3E-012	mg/kg-day	NA	NA	--	--	--
	alpha-BHC	0.075	mg/kg	0.075	mg/kg	Route	2.4E-010	mg/kg-day	NA	NA	--	--	--
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	1.8E-010	mg/kg-day	2.0E-004	mg/kg-day	--	--	9.1E-007
	Aroclor 1254	544	mg/kg	544	mg/kg	Route	1.5E-006	mg/kg-day	2.0E-005	mg/kg-day	--	--	7.3E-002
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	5.9E-010	mg/kg-day	2.0E-005	mg/kg-day	--	--	3.0E-005
	Dieldrin	16.5	mg/kg	16.5	mg/kg	Route	1.4E-008	mg/kg-day	NA	NA	--	--	--
	Endrin aldehyde	3.5	mg/kg	3.5	mg/kg	Route	2.9E-009	mg/kg-day	NA	NA	--	--	--
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	1.4E-012	mg/kg-day	2.0E-004	mg/kg-day	--	--	7.0E-009
	Heptachlor	0.41	mg/kg	0.41	mg/kg	Route	3.2E-010	mg/kg-day	NA	NA	--	--	--
	Heptachlor epoxide	6.7	mg/kg	6.7	mg/kg	Route	2.4E-009	mg/kg-day	NA	NA	--	--	--
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	1.7E-011	mg/kg-day	NA	NA	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	8.5E-005	mg/kg-day	NA	NA	--	--	--
	Total PCBs	926	mg/kg	926	mg/kg	Route	2.5E-006	mg/kg-day	NA	NA	--	--	--
	Aluminum	28009	mg/kg	28009	mg/kg	Route	1.2E-007	mg/kg-day	1.4E-003	mg/kg-day	--	--	8.6E-005
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	3.2E-011	mg/kg-day	NA	NA	--	--	--
	Arsenic	32	mg/kg	32	mg/kg	Route	1.4E-010	mg/kg-day	NA	NA	--	--	--

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TABLE 7.3.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Barium	381	mg/kg	381	mg/kg	Route	1.7E-009	mg/kg-day	1.4E-004	mg/kg-day	--	--	1.2E-005
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	1.8E-010	mg/kg-day	5.7E-005	mg/kg-day	--	--	3.1E-006
	Chromium	45	mg/kg	45	mg/kg	Route	2.0E-010	mg/kg-day	NA	NA	--	--	--
	Cyanide	0.88	mg/kg	0.88	mg/kg	Route	3.9E-012	mg/kg-day	NA	NA	--	--	--
	Iron	34473	mg/kg	34473	mg/kg	Route	1.5E-007	mg/kg-day	NA	NA	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	NA	--	--	--
	Manganese	745	mg/kg	745	mg/kg	Route	3.3E-009	mg/kg-day	1.4E-005	mg/kg-day	--	--	2.3E-004
	Thallium	1.7	mg/kg	1.7	mg/kg	Route	7.5E-012	mg/kg-day	NA	NA	--	--	--
	Vanadium	55	mg/kg	55	mg/kg	Route	2.4E-010	mg/kg-day	NA	NA	--	--	--
												Total Hazard Index Across All Exposure Routes/Pathways	5.8E+000

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic.

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TABLE 7.4.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area A
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Ingestion	Benzene	0.001	mg/kg	0.001	mg/kg	Route	8.8E-010	mg/kg-day	3.0E-003	mg/kg-day	--	--	2.9E-007
	Trichloroethene	0.17	mg/kg	0.17	mg/kg	Route	1.5E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	5.0E-004
	Benzo(a)anthracene	3.1	mg/kg	3.1	mg/kg	Route	2.7E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	2.5E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	4	mg/kg	4	mg/kg	Route	3.5E-006	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	0.49	mg/kg	0.49	mg/kg	Route	4.3E-007	mg/kg-day	NA	N/A	--	--	--
	Indeno(1,2,3-cd)pyrene	0.97	mg/kg	0.97	mg/kg	Route	8.5E-007	mg/kg-day	NA	N/A	--	--	--
	Aldrin	9.2	mg/kg	9.2	mg/kg	Route	8.1E-006	mg/kg-day	3.0E-005	mg/kg-day	--	--	2.7E-001
	Aroclor 1242	0.95	mg/kg	0.95	mg/kg	Route	8.4E-007	mg/kg-day	7.0E-005	mg/kg-day	--	--	1.2E-002
	Aroclor 1254	340	mg/kg	340	mg/kg	Route	3.0E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.5E+001
	Total PCBs	354	mg/kg	354	mg/kg	Route	3.1E-004	mg/kg-day	NA	N/A	--	--	--
	Aluminum	13900	mg/kg	13900	mg/kg	Route	1.2E-002	mg/kg-day	1.0E+000	mg/kg-day	--	--	1.2E-002
	Antimony	14.9	mg/kg	14.9	mg/kg	Route	1.3E-005	mg/kg-day	4.0E-004	mg/kg-day	--	--	3.3E-002
	Arsenic	92	mg/kg	92	mg/kg	Route	8.1E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	2.7E-001
	Barium	1,170	mg/kg	1,170	mg/kg	Route	1.0E-003	mg/kg-day	7.0E-002	mg/kg-day	--	--	1.5E-002
	Iron	32200	mg/kg	32200	mg/kg	Route	2.8E-002	mg/kg-day	3.0E-001	mg/kg-day	--	--	9.5E-002
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--	--	--
	Manganese	556	mg/kg	556	mg/kg	Route	4.9E-004	mg/kg-day	2.3E-002	mg/kg-day	--	--	2.1E-002
	Thallium	3.1	mg/kg	3.1	mg/kg	Route	2.7E-006	mg/kg-day	8.0E-005	mg/kg-day	--	--	3.4E-002
Dermal Absorption	Benzene	0.001	mg/kg	0.001	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Trichloroethene	0.17	mg/kg	0.17	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Benzo(a)anthracene	3.1	mg/kg	3.1	mg/kg	Route	2.3E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	2.1E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	4	mg/kg	4	mg/kg	Route	3.0E-006	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	0.49	mg/kg	0.49	mg/kg	Route	3.7E-007	mg/kg-day	NA	N/A	--	--	--
	Indeno(1,2,3-cd)pyrene	0.97	mg/kg	0.97	mg/kg	Route	7.3E-007	mg/kg-day	NA	N/A	--	--	--
	Aldrin	9.2	mg/kg	9.2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aroclor 1242	0.95	mg/kg	0.95	mg/kg	Route	7.7E-007	mg/kg-day	7.0E-005	mg/kg-day	--	--	1.1E-002
	Aroclor 1254	340	mg/kg	340	mg/kg	Route	2.8E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.4E+001
	Total PCBs	354	mg/kg	354	mg/kg	Route	2.9E-004	mg/kg-day	NA	N/A	--	--	--
	Aluminum	13900	mg/kg	13900	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Antimony	14.9	mg/kg	14.9	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Arsenic	92	mg/kg	92	mg/kg	Route	1.6E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	5.4E-002
	Barium	1,170	mg/kg	1,170	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Iron	32200	mg/kg	32200	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Manganese	556	mg/kg	556	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Thallium	3.1	mg/kg	3.1	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
Inhalation	Benzene	0.001	mg/kg	0.001	mg/kg	Route	3.0E-008	mg/kg-day	1.7E-003	mg/kg-day	--	--	1.7E-005
	Trichloroethene	0.17	mg/kg	0.17	mg/kg	Route	3.9E-006	mg/kg-day	1.1E-002	mg/kg-day	--	--	3.4E-004
	Benzo(a)anthracene	3.1	mg/kg	3.1	mg/kg	Route	2.4E-008	mg/kg-day	NA	NA	--	--	--
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	9.4E-009	mg/kg-day	NA	NA	--	--	--
	Benzo(b)fluoranthene	4	mg/kg	4	mg/kg	Route	6.1E-008	mg/kg-day	NA	NA	--	--	--

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TABLE 7.4 RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area A
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Benzo(b)fluoranthene	5	mg/kg	5	mg/kg	Route	1.0E+000	mg/kg-day	NA	NA	--	--	--
	Indeno(1,2,3-cd)pyrene	0.97	mg/kg	0.97	mg/kg	Route	1.6E-009	mg/kg-day	NA	NA	--	--	--
	Aldrin	9.2	mg/kg	9.2	mg/kg	Route	9.5E-008	mg/kg-day	NA	NA	--	--	--
	Aroclor 1242	0.95	mg/kg	0.95	mg/kg	Route	1.7E-007	mg/kg-day	7.0E-005	mg/kg-day	--	--	2.4E-003
	Aroclor 1254	340	mg/kg	340	mg/kg	Route	6.0E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	3.0E+000
	Total PCBs	354	mg/kg	354	mg/kg	Route	6.2E-005	mg/kg-day	NA	NA	--	--	--
	Aluminum	13900	mg/kg	13900	mg/kg	Route	4.0E-006	mg/kg-day	1.4E-003	mg/kg-day	--	--	2.8E-003
	Antimony	14.9	mg/kg	14.9	mg/kg	Route	4.3E-009	mg/kg-day	NA	NA	--	--	--
	Arsenic	92	mg/kg	92	mg/kg	Route	2.7E-008	mg/kg-day	NA	NA	--	--	--
	Barium	1,170	mg/kg	1,170	mg/kg	Route	3.4E-007	mg/kg-day	1.4E-004	mg/kg-day	--	--	2.4E-003
	Iron	32200	mg/kg	32200	mg/kg	Route	9.3E-006	mg/kg-day	NA	NA	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	NA	--	--	--
	Manganese	556	mg/kg	556	mg/kg	Route	1.6E-007	mg/kg-day	1.4E-005	mg/kg-day	--	--	1.1E-002
	Thallium	3.1	mg/kg	3.1	mg/kg	Route	8.9E-010	mg/kg-day	NA	NA	--	--	--
												Total Hazard Index Across All Exposure Routes/Pathways	3.3E+001

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic.

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TABLE 7.4.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area A
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Ingestion	Benzene	0.001	mg/kg	0.001	mg/kg	Route	8.6E-010	mg/kg-day	3.0E-003	mg/kg-day	--	--	2.9E-007
	Trichloroethene	0.17	mg/kg	0.17	mg/kg	Route	1.5E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	4.9E-004
	Benzo(a)anthracene	3.1	mg/kg	3.1	mg/kg	Route	2.7E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	2.4E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	4	mg/kg	4	mg/kg	Route	3.4E-006	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	0.49	mg/kg	0.49	mg/kg	Route	4.2E-007	mg/kg-day	NA	N/A	--	--	--
	Indeno(1,2,3-cd)pyrene	0.97	mg/kg	0.97	mg/kg	Route	8.3E-007	mg/kg-day	NA	N/A	--	--	--
	Aldrin	9.2	mg/kg	9.2	mg/kg	Route	7.9E-006	mg/kg-day	3.0E-005	mg/kg-day	--	--	2.6E-001
	Aroclor 1242	0.95	mg/kg	0.95	mg/kg	Route	8.1E-007	mg/kg-day	7.0E-005	mg/kg-day	--	--	1.2E-002
	Aroclor 1254	340	mg/kg	340	mg/kg	Route	2.9E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.5E+001
	Total PCBs	354	mg/kg	354	mg/kg	Route	3.0E-004	mg/kg-day	NA	N/A	--	--	--
	Aluminum	13900	mg/kg	13900	mg/kg	Route	1.2E-002	mg/kg-day	1.0E+000	mg/kg-day	--	--	1.2E-002
	Antimony	14.9	mg/kg	14.9	mg/kg	Route	1.3E-005	mg/kg-day	4.0E-004	mg/kg-day	--	--	3.2E-002
	Arsenic	92.1	mg/kg	92.1	mg/kg	Route	7.9E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	2.6E-001
	Barium	1170	mg/kg	1170	mg/kg	Route	1.0E-003	mg/kg-day	7.0E-002	mg/kg-day	--	--	1.4E-002
	Iron	32200	mg/kg	32200	mg/kg	Route	2.8E-002	mg/kg-day	3.0E-001	mg/kg-day	--	--	9.2E-002
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--	--	--
	Manganese	556	mg/kg	556	mg/kg	Route	4.8E-004	mg/kg-day	2.3E-002	mg/kg-day	--	--	2.1E-002
	Thallium	3.1	mg/kg	3.1	mg/kg	Route	2.7E-006	mg/kg-day	8.0E-005	mg/kg-day	--	--	3.3E-002
Dermal Absorption	Benzene	0.001	mg/kg	0.001	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Trichloroethene	0.17	mg/kg	0.17	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Benzo(a)anthracene	3.1	mg/kg	3.1	mg/kg	Route	2.3E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	2.1E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	4	mg/kg	4	mg/kg	Route	2.9E-007	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	0.49	mg/kg	0.49	mg/kg	Route	3.6E-008	mg/kg-day	NA	N/A	--	--	--
	Indeno(1,2,3-cd)pyrene	0.97	mg/kg	0.97	mg/kg	Route	7.1E-008	mg/kg-day	NA	N/A	--	--	--
	Aldrin	9.2	mg/kg	9.2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aroclor 1242	0.95	mg/kg	0.95	mg/kg	Route	7.5E-008	mg/kg-day	7.0E-005	mg/kg-day	--	--	1.1E-003
	Aroclor 1254	340	mg/kg	340	mg/kg	Route	2.7E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.3E+000
	Total PCBs	354	mg/kg	354	mg/kg	Route	2.8E-005	mg/kg-day	NA	N/A	--	--	--
	Aluminum	13900	mg/kg	13900	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Antimony	14.9	mg/kg	14.9	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Arsenic	92.1	mg/kg	92.1	mg/kg	Route	1.6E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	5.2E-003
	Barium	1170	mg/kg	1170	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Iron	32200	mg/kg	32200	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Manganese	556	mg/kg	556	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Thallium	3.1	mg/kg	3.1	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
Inhalation	Benzene	0.001	mg/kg	0.001	mg/kg	Route	2.9E-008	mg/kg-day	1.7E-003	mg/kg-day	--	--	1.7E-005
	Trichloroethene	0.17	mg/kg	0.17	mg/kg	Route	3.8E-006	mg/kg-day	1.1E-002	mg/kg-day	--	--	3.3E-004
	Benzo(a)anthracene	3.1	mg/kg	3.1	mg/kg	Route	2.4E-008	mg/kg-day	NA	NA	--	--	--
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	9.1E-009	mg/kg-day	NA	NA	--	--	--
	Benzo(b)fluoranthene	4	mg/kg	4	mg/kg	Route	6.0E-008	mg/kg-day	NA	NA	--	--	--

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TABLE 7.4.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area A
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Dibenz(a,h)anthracene	0.49	mg/kg	0.49	mg/kg	Route	5.2E-010	mg/kg-day	NA	NA	--	--	--
	Indeno(1,2,3-cd)pyrene	0.97	mg/kg	0.97	mg/kg	Route	1.5E-009	mg/kg-day	NA	NA	--	--	--
	Aldrin	9.2	mg/kg	9.2	mg/kg	Route	9.3E-008	mg/kg-day	NA	NA	--	--	--
	Aroclor 1242	0.95	mg/kg	0.95	mg/kg	Route	1.6E-007	mg/kg-day	7.0E-005	mg/kg-day	--	--	2.3E-003
	Aroclor 1254	340	mg/kg	340	mg/kg	Route	5.8E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	2.9E+000
	Total PCBs	354	mg/kg	354	mg/kg	Route	6.1E-005	mg/kg-day	NA	NA	--	--	--
	Aluminum	13900	mg/kg	13900	mg/kg	Route	3.9E-006	mg/kg-day	1.4E-003	mg/kg-day	--	--	2.7E-003
	Antimony	14.9	mg/kg	14.9	mg/kg	Route	4.2E-009	mg/kg-day	NA	NA	--	--	--
	Arsenic	92.1	mg/kg	92.1	mg/kg	Route	2.6E-008	mg/kg-day	NA	NA	--	--	--
	Barium	1170	mg/kg	1170	mg/kg	Route	3.3E-007	mg/kg-day	1.4E-004	mg/kg-day	--	--	2.3E-003
	Iron	32200	mg/kg	32200	mg/kg	Route	9.0E-006	mg/kg-day	NA	NA	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	NA	--	--	--
	Manganese	556	mg/kg	556	mg/kg	Route	1.6E-007	mg/kg-day	1.4E-005	mg/kg-day	--	--	1.1E-002
	Thallium	3.1	mg/kg	3.1	mg/kg	Route	8.7E-010	mg/kg-day	NA	NA	--	--	--
												Total Hazard Index Across All Exposure Routes/Pathways	2.0E+001

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic.

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TABLE 7.5.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Ingestion	Benzene	0.009	mg/kg	0.009	mg/kg	Route	7.9E-009	mg/kg-day	3.0E-003	mg/kg-day	--	--	2.6E-006
	cis-1,2-Dichloroethene	9.8	mg/kg	9.8	mg/kg	Route	8.6E-006	mg/kg-day	1.0E-002	mg/kg-day	--	--	8.6E-004
	Trichloroethene	0.56	mg/kg	0.56	mg/kg	Route	4.9E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.6E-003
	2-Methylnaphthalene	206	mg/kg	206	mg/kg	Route	1.8E-004	mg/kg-day	2.0E-002	mg/kg-day	--	--	9.1E-003
	Acenaphthene	1251	mg/kg	1251	mg/kg	Route	1.1E-003	mg/kg-day	6.0E-002	mg/kg-day	--	--	1.8E-002
	Benzo(a)anthracene	411	mg/kg	411	mg/kg	Route	3.6E-004	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	233	mg/kg	233	mg/kg	Route	2.1E-004	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	68	mg/kg	68	mg/kg	Route	6.0E-005	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	202	mg/kg	202	mg/kg	Route	1.8E-004	mg/kg-day	NA	N/A	--	--	--
	Chrysene	371	mg/kg	371	mg/kg	Route	3.3E-004	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	759	mg/kg	759	mg/kg	Route	6.7E-004	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	30	mg/kg	30	mg/kg	Route	2.6E-005	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	1787	mg/kg	1787	mg/kg	Route	1.6E-003	mg/kg-day	4.0E-002	mg/kg-day	--	--	3.9E-002
	Fluorene	893	mg/kg	893	mg/kg	Route	7.9E-004	mg/kg-day	4.0E-002	mg/kg-day	--	--	2.0E-002
	Indeno(1,2,3-cd)pyrene	117	mg/kg	117	mg/kg	Route	1.0E-004	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	58	mg/kg	58	mg/kg	Route	5.1E-005	mg/kg-day	2.0E-002	mg/kg-day	--	--	2.6E-003
	Phenanthrene	3127	mg/kg	3127	mg/kg	Route	2.8E-003	mg/kg-day	3.0E-002	mg/kg-day	--	--	9.2E-002
	Pyrene	1162	mg/kg	1162	mg/kg	Route	1.0E-003	mg/kg-day	3.0E-002	mg/kg-day	--	--	3.4E-002
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	7.0E-009	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	541	mg/kg	541	mg/kg	Route	4.8E-004	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDT	20	mg/kg	20	mg/kg	Route	1.8E-005	mg/kg-day	5.0E-004	mg/kg-day	--	--	3.5E-002
	Acetophenone	0.34	mg/kg	0.34	mg/kg	Route	3.0E-007	mg/kg-day	1.0E-001	mg/kg-day	--	--	3.0E-006
	alpha-BHC	2.4	mg/kg	2.4	mg/kg	Route	2.1E-006	mg/kg-day	NA	N/A	--	--	--
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	2.0E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	4.1E-004
	Aroclor 1254	8664	mg/kg	8664	mg/kg	Route	7.6E-003	mg/kg-day	2.0E-005	mg/kg-day	--	--	3.8E+002
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	1.9E-007	mg/kg-day	2.0E-005	mg/kg-day	--	--	9.7E-003
	Dieldrin	91	mg/kg	91	mg/kg	Route	8.0E-005	mg/kg-day	5.0E-005	mg/kg-day	--	--	1.6E+000
	Endrin aldehyde	54	mg/kg	54	mg/kg	Route	4.8E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.6E-001
	gamma-Chlordane	10	mg/kg	10	mg/kg	Route	8.8E-006	mg/kg-day	5.0E-004	mg/kg-day	--	--	1.8E-002
	Heptachlor	1.9	mg/kg	1.9	mg/kg	Route	1.7E-006	mg/kg-day	5.0E-004	mg/kg-day	--	--	3.3E-003
	Heptachlor epoxide	123	mg/kg	123	mg/kg	Route	1.1E-004	mg/kg-day	1.3E-005	mg/kg-day	--	--	8.3E+000
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	3.3E-006	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31588	mg/kg	31588	mg/kg	Route	2.8E-002	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	9033	mg/kg	9033	mg/kg	Route	8.0E-003	mg/kg-day	NA	N/A	--	--	--
	Aluminum	28009	mg/kg	28009	mg/kg	Route	2.5E-002	mg/kg-day	1.0E+000	mg/kg-day	--	--	2.5E-002
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	6.3E-006	mg/kg-day	4.0E-004	mg/kg-day	--	--	1.6E-002
	Arsenic	32	mg/kg	32	mg/kg	Route	2.8E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	9.4E-002
	Barium	543	mg/kg	543	mg/kg	Route	4.8E-004	mg/kg-day	7.0E-002	mg/kg-day	--	--	6.8E-003
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	3.5E-005	mg/kg-day	1.0E-003	mg/kg-day	--	--	3.5E-002
	Chromium	61	mg/kg	61	mg/kg	Route	5.4E-005	mg/kg-day	3.0E-003	mg/kg-day	--	--	1.8E-002
	Cyanide	2	mg/kg	2	mg/kg	Route	1.8E-006	mg/kg-day	2.0E-002	mg/kg-day	--	--	8.8E-005
	Iron	41575	mg/kg	41575	mg/kg	Route	3.7E-002	mg/kg-day	3.0E-001	mg/kg-day	--	--	1.2E-001
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--	--	--

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TABLE 7.5.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Manganese	745	mg/kg	745	mg/kg	Route	6.6E-004	mg/kg-day	2.3E-002	mg/kg-day	--	--	2.9E-002
	Thallium	3	mg/kg	3	mg/kg	Route	2.6E-006	mg/kg-day	8.0E-005	mg/kg-day	--	--	3.3E-002
	Vanadium	63	mg/kg	63	mg/kg	Route	5.5E-005	mg/kg-day	7.0E-003	mg/kg-day	--	--	7.9E-003
Dermal Absorption	Benzene	0.009	mg/kg	0.009	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	cis-1,2-Dichloroethene	9.8	mg/kg	9.8	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Trichloroethene	0.56	mg/kg	0.56	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	2-Methylnaphthalene	206	mg/kg	206	mg/kg	Route	1.6E-004	mg/kg-day	2.0E-002	mg/kg-day	--	--	7.8E-003
	Acenaphthene	1251	mg/kg	1251	mg/kg	Route	9.5E-004	mg/kg-day	6.0E-002	mg/kg-day	--	--	1.6E-002
	Benzo(a)anthracene	411	mg/kg	411	mg/kg	Route	3.1E-004	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	233	mg/kg	233	mg/kg	Route	1.8E-004	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	68	mg/kg	68	mg/kg	Route	5.1E-005	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	202	mg/kg	202	mg/kg	Route	1.5E-004	mg/kg-day	NA	N/A	--	--	--
	Chrysene	371	mg/kg	371	mg/kg	Route	2.8E-004	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	759	mg/kg	759	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	30	mg/kg	30	mg/kg	Route	2.3E-005	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	1787	mg/kg	1787	mg/kg	Route	1.4E-003	mg/kg-day	4.0E-002	mg/kg-day	--	--	3.4E-002
	Fluorene	893	mg/kg	893	mg/kg	Route	6.7E-004	mg/kg-day	4.0E-002	mg/kg-day	--	--	1.7E-002
	Indeno(1,2,3-cd)pyrene	117	mg/kg	117	mg/kg	Route	8.8E-005	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	58	mg/kg	58	mg/kg	Route	4.4E-005	mg/kg-day	2.0E-002	mg/kg-day	--	--	2.2E-003
	Phenanthrene	3127	mg/kg	3127	mg/kg	Route	2.4E-003	mg/kg-day	3.0E-002	mg/kg-day	--	--	7.9E-002
	Pyrene	1162	mg/kg	1162	mg/kg	Route	8.8E-004	mg/kg-day	3.0E-002	mg/kg-day	--	--	2.9E-002
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	1.4E-009	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	541	mg/kg	541	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	4,4'-DDT	20	mg/kg	20	mg/kg	Route	3.5E-006	mg/kg-day	5.0E-004	mg/kg-day	--	--	7.0E-003
	Acetophenone	0.34	mg/kg	0.34	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-BHC	2.4	mg/kg	2.4	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aroclor 1254	8664	mg/kg	8664	mg/kg	Route	7.0E-003	mg/kg-day	2.0E-005	mg/kg-day	--	--	3.5E+002
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	1.8E-007	mg/kg-day	2.0E-005	mg/kg-day	--	--	9.0E-003
	Dieldrin	91	mg/kg	91	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin aldehyde	54	mg/kg	54	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	gamma-Chlordane	10	mg/kg	10	mg/kg	Route	2.3E-006	mg/kg-day	5.0E-004	mg/kg-day	--	--	4.6E-003
	Heptachlor	1.9	mg/kg	1.9	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor epoxide	123	mg/kg	123	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	6.6E-007	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31588	mg/kg	31588	mg/kg	Route	2.6E-002	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	9033	mg/kg	9033	mg/kg	Route	7.4E-003	mg/kg-day	NA	N/A	--	--	--
	Aluminum	28009	mg/kg	28009	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Arsenic	32	mg/kg	32	mg/kg	Route	5.6E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.9E-002
	Barium	543	mg/kg	543	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	2.3E-007	mg/kg-day	2.5E-005	mg/kg-day	--	--	9.3E-003
	Chromium	61	mg/kg	61	mg/kg	Route	N/A	N/A	NA	NA	--	--	--

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TABLE 7.5 RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Cyanide	2	mg/kg	2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Iron	41575	mg/kg	41575	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Manganese	745	mg/kg	745	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Thallium	3	mg/kg	3	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Vanadium	63	mg/kg	63	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
Inhalation	Benzene	0.009	mg/kg	0.009	mg/kg	Route	2.7E-007	mg/kg-day	1.7E-003	mg/kg-day	--	--	1.6E-004
	cis-1,2-Dichloroethene	9.8	mg/kg	9.8	mg/kg	Route	2.9E-004	mg/kg-day	NA	NA	--	--	--
	Trichloroethene	0.56	mg/kg	0.56	mg/kg	Route	1.3E-005	mg/kg-day	1.1E-002	mg/kg-day	--	--	1.1E-003
	2-Methylnaphthalene	206	mg/kg	206	mg/kg	Route	2.6E-004	mg/kg-day	8.6E-004	mg/kg-day	--	--	3.0E-001
	Acenaphthene	1251	mg/kg	1251	mg/kg	Route	4.0E-004	mg/kg-day	NA	NA	--	--	--
	Benzo(a)anthracene	411	mg/kg	411	mg/kg	Route	3.2E-006	mg/kg-day	NA	NA	--	--	--
	Benzo(a)pyrene	233	mg/kg	233	mg/kg	Route	7.8E-007	mg/kg-day	NA	NA	--	--	--
	Benzo(b)fluoranthene	68	mg/kg	68	mg/kg	Route	1.0E-006	mg/kg-day	NA	NA	--	--	--
	Benzo(k)fluoranthene	202	mg/kg	202	mg/kg	Route	4.5E-007	mg/kg-day	NA	NA	--	--	--
	Chrysene	371	mg/kg	371	mg/kg	Route	9.6E-006	mg/kg-day	NA	NA	--	--	--
	Dibenzofuran	759	mg/kg	759	mg/kg	Route	2.2E-007	mg/kg-day	NA	NA	--	--	--
	Dibenz(a,h)anthracene	30	mg/kg	30	mg/kg	Route	3.3E-008	mg/kg-day	NA	NA	--	--	--
	Fluoranthene	1787	mg/kg	1787	mg/kg	Route	4.2E-005	mg/kg-day	NA	NA	--	--	--
	Fluorene	893	mg/kg	893	mg/kg	Route	1.2E-004	mg/kg-day	NA	NA	--	--	--
	Indeno(1,2,3-cd)pyrene	117	mg/kg	117	mg/kg	Route	1.9E-007	mg/kg-day	NA	NA	--	--	--
	Naphthalene	58	mg/kg	58	mg/kg	Route	7.3E-005	mg/kg-day	8.6E-004	mg/kg-day	--	--	8.5E-002
	Phenanthrene	3127	mg/kg	3127	mg/kg	Route	5.9E-005	mg/kg-day	NA	NA	--	--	--
	Pyrene	1162	mg/kg	1162	mg/kg	Route	2.2E-005	mg/kg-day	NA	NA	--	--	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	2.3E-012	mg/kg-day	NA	NA	--	--	--
	4,4'-DDE	541	mg/kg	541	mg/kg	Route	1.7E-006	mg/kg-day	NA	NA	--	--	--
	4,4'-DDT	20	mg/kg	20	mg/kg	Route	5.3E-008	mg/kg-day	NA	NA	--	--	--
	Acetophenone	0.34	mg/kg	0.34	mg/kg	Route	9.8E-011	mg/kg-day	NA	NA	--	--	--
	alpha-BHC	2.4	mg/kg	2.4	mg/kg	Route	3.1E-007	mg/kg-day	NA	NA	--	--	--
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	7.2E-009	mg/kg-day	2.0E-004	mg/kg-day	--	--	3.6E-005
	Aroclor 1254	8664	mg/kg	8664	mg/kg	Route	1.5E-003	mg/kg-day	2.0E-005	mg/kg-day	--	--	7.6E+001
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	3.9E-008	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.9E-003
	Dieldrin	91	mg/kg	91	mg/kg	Route	3.0E-006	mg/kg-day	NA	NA	--	--	--
	Endrin aldehyde	54	mg/kg	54	mg/kg	Route	1.7E-006	mg/kg-day	NA	NA	--	--	--
	gamma-Chlordane	10	mg/kg	10	mg/kg	Route	2.9E-009	mg/kg-day	2.0E-004	mg/kg-day	--	--	1.4E-005
	Heptachlor	1.9	mg/kg	1.9	mg/kg	Route	5.9E-008	mg/kg-day	NA	NA	--	--	--
	Heptachlor epoxide	123	mg/kg	123	mg/kg	Route	1.7E-006	mg/kg-day	NA	NA	--	--	--
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	1.1E-009	mg/kg-day	NA	NA	--	--	--
	Nondioxin-like PCBs	31588	mg/kg	31588	mg/kg	Route	5.6E-003	mg/kg-day	NA	NA	--	--	--
	Total PCBs	9033	mg/kg	9033	mg/kg	Route	1.6E-003	mg/kg-day	NA	NA	--	--	--
	Aluminum	28009	mg/kg	28009	mg/kg	Route	8.1E-006	mg/kg-day	1.4E-003	mg/kg-day	--	--	5.6E-003
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	2.1E-009	mg/kg-day	NA	NA	--	--	--
	Arsenic	32	mg/kg	32	mg/kg	Route	9.2E-009	mg/kg-day	NA	NA	--	--	--

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TABLE 7.5.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Barium	543	mg/kg	543	mg/kg	Route	1.6E-007	mg/kg-day	1.4E-004	mg/kg-day	--	--	1.1E-003
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	1.2E-008	mg/kg-day	5.7E-005	mg/kg-day	--	--	2.0E-004
	Chromium	61	mg/kg	61	mg/kg	Route	1.8E-008	mg/kg-day	NA	NA	--	--	--
	Cyanide	2	mg/kg	2	mg/kg	Route	5.8E-010	mg/kg-day	NA	NA	--	--	--
	Iron	41575	mg/kg	41575	mg/kg	Route	1.2E-005	mg/kg-day	NA	NA	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	NA	--	--	--
	Manganese	745	mg/kg	745	mg/kg	Route	2.1E-007	mg/kg-day	1.4E-005	mg/kg-day	--	--	1.5E-002
	Thallium	3	mg/kg	3	mg/kg	Route	8.6E-010	mg/kg-day	NA	NA	--	--	--
	Vanadium	63	mg/kg	63	mg/kg	Route	1.8E-008	mg/kg-day	NA	NA	--	--	--
												Total Hazard Index Across All Exposure Routes/Pathways	8.2E+002

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic.

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TABLE 7.5.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Ingestion	Benzene	0.009	mg/kg	0.009	mg/kg	Route	7.7E-009	mg/kg-day	3.0E-003	mg/kg-day	--	--	2.6E-006
	cis-1,2-Dichloroethene	9.8	mg/kg	9.8	mg/kg	Route	8.4E-006	mg/kg-day	1.0E-002	mg/kg-day	--	--	8.4E-004
	Trichloroethene	0.56	mg/kg	0.56	mg/kg	Route	4.8E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.6E-003
	2-Methylnaphthalene	206	mg/kg	206	mg/kg	Route	1.8E-004	mg/kg-day	2.0E-002	mg/kg-day	--	--	8.8E-003
	Acenaphthene	1251	mg/kg	1251	mg/kg	Route	1.1E-003	mg/kg-day	6.0E-002	mg/kg-day	--	--	1.8E-002
	Benzo(a)anthracene	411	mg/kg	411	mg/kg	Route	3.5E-004	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	233	mg/kg	233	mg/kg	Route	2.0E-004	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	68	mg/kg	68	mg/kg	Route	5.8E-005	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	202	mg/kg	202	mg/kg	Route	1.7E-004	mg/kg-day	NA	N/A	--	--	--
	Chrysene	371	mg/kg	371	mg/kg	Route	3.2E-004	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	759	mg/kg	759	mg/kg	Route	6.5E-004	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	30	mg/kg	30	mg/kg	Route	2.6E-005	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	1787	mg/kg	1787	mg/kg	Route	1.5E-003	mg/kg-day	4.0E-002	mg/kg-day	--	--	3.8E-002
	Fluorene	893	mg/kg	893	mg/kg	Route	7.7E-004	mg/kg-day	4.0E-002	mg/kg-day	--	--	1.9E-002
	Indeno(1,2,3-cd)pyrene	117	mg/kg	117	mg/kg	Route	1.0E-004	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	58	mg/kg	58	mg/kg	Route	5.0E-005	mg/kg-day	2.0E-002	mg/kg-day	--	--	2.5E-003
	Phenanthrene	3127	mg/kg	3127	mg/kg	Route	2.7E-003	mg/kg-day	3.0E-002	mg/kg-day	--	--	8.9E-002
	Pyrene	1162	mg/kg	1162	mg/kg	Route	1.0E-003	mg/kg-day	3.0E-002	mg/kg-day	--	--	3.3E-002
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	6.9E-009	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	541	mg/kg	541	mg/kg	Route	4.6E-004	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDT	20	mg/kg	20	mg/kg	Route	1.7E-005	mg/kg-day	5.0E-004	mg/kg-day	--	--	3.4E-002
	Acetophenone	0.34	mg/kg	0.34	mg/kg	Route	2.9E-007	mg/kg-day	1.0E-001	mg/kg-day	--	--	2.9E-006
	alpha-BHC	2.4	mg/kg	2.4	mg/kg	Route	2.1E-006	mg/kg-day	NA	N/A	--	--	--
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	2.0E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	3.9E-004
	Aroclor 1254	8664	mg/kg	8664	mg/kg	Route	7.4E-003	mg/kg-day	2.0E-005	mg/kg-day	--	--	3.7E+002
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	1.9E-007	mg/kg-day	2.0E-005	mg/kg-day	--	--	9.4E-003
	Dieldrin	91	mg/kg	91	mg/kg	Route	7.8E-005	mg/kg-day	5.0E-005	mg/kg-day	--	--	1.6E+000
	Endrin aldehyde	54	mg/kg	54	mg/kg	Route	4.6E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.5E-001
	gamma-Chlordane	10	mg/kg	10	mg/kg	Route	8.6E-006	mg/kg-day	5.0E-004	mg/kg-day	--	--	1.7E-002
	Heptachlor	1.9	mg/kg	1.9	mg/kg	Route	1.6E-006	mg/kg-day	5.0E-004	mg/kg-day	--	--	3.3E-003
	Heptachlor epoxide	123	mg/kg	123	mg/kg	Route	1.1E-004	mg/kg-day	1.3E-005	mg/kg-day	--	--	8.1E+000
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	3.3E-006	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31588	mg/kg	31588	mg/kg	Route	2.7E-002	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	9033	mg/kg	9033	mg/kg	Route	7.7E-003	mg/kg-day	NA	N/A	--	--	--
	Aluminum	28009	mg/kg	28009	mg/kg	Route	2.4E-002	mg/kg-day	1.0E+000	mg/kg-day	--	--	2.4E-002
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	6.2E-006	mg/kg-day	4.0E-004	mg/kg-day	--	--	1.5E-002
	Arsenic	32	mg/kg	32	mg/kg	Route	2.7E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	9.1E-002
	Barium	543	mg/kg	543	mg/kg	Route	4.7E-004	mg/kg-day	7.0E-002	mg/kg-day	--	--	6.6E-003
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	3.4E-005	mg/kg-day	1.0E-003	mg/kg-day	--	--	3.4E-002
	Chromium	61	mg/kg	61	mg/kg	Route	5.2E-005	mg/kg-day	3.0E-003	mg/kg-day	--	--	1.7E-002
	Cyanide	2	mg/kg	2	mg/kg	Route	1.7E-006	mg/kg-day	2.0E-002	mg/kg-day	--	--	8.6E-005
	Iron	41575	mg/kg	41575	mg/kg	Route	3.6E-002	mg/kg-day	3.0E-001	mg/kg-day	--	--	1.2E-001
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--	--	--

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TABLE 7.5.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Manganese	745	mg/kg	745	mg/kg	Route	6.4E-004	mg/kg-day	2.3E-002	mg/kg-day	--	--	2.8E-002
	Thallium	3	mg/kg	3	mg/kg	Route	2.6E-006	mg/kg-day	8.0E-005	mg/kg-day	--	--	3.2E-002
	Vanadium	63	mg/kg	63	mg/kg	Route	5.4E-005	mg/kg-day	7.0E-003	mg/kg-day	--	--	7.7E-003
Dermal Absorption	Benzene	0.009	mg/kg	0.009	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	cis-1,2-Dichloroethene	9.8	mg/kg	9.8	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Trichloroethene	0.56	mg/kg	0.56	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	2-Methylnaphthalene	206	mg/kg	206	mg/kg	Route	1.5E-005	mg/kg-day	2.0E-002	mg/kg-day	--	--	7.6E-004
	Acenaphthene	1251	mg/kg	1251	mg/kg	Route	9.2E-005	mg/kg-day	6.0E-002	mg/kg-day	--	--	1.5E-003
	Benzo(a)anthracene	411	mg/kg	411	mg/kg	Route	3.0E-005	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	233	mg/kg	233	mg/kg	Route	1.7E-005	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	68	mg/kg	68	mg/kg	Route	5.0E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	202	mg/kg	202	mg/kg	Route	1.5E-005	mg/kg-day	NA	N/A	--	--	--
	Chrysene	371	mg/kg	371	mg/kg	Route	2.7E-005	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	759	mg/kg	759	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	30	mg/kg	30	mg/kg	Route	2.2E-006	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	1787	mg/kg	1787	mg/kg	Route	1.3E-004	mg/kg-day	4.0E-002	mg/kg-day	--	--	3.3E-003
	Fluorene	893	mg/kg	893	mg/kg	Route	6.6E-005	mg/kg-day	4.0E-002	mg/kg-day	--	--	1.6E-003
	Indeno(1,2,3-cd)pyrene	117	mg/kg	117	mg/kg	Route	8.6E-006	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	58	mg/kg	58	mg/kg	Route	4.3E-006	mg/kg-day	2.0E-002	mg/kg-day	--	--	2.1E-004
	Phenanthrene	3127	mg/kg	3127	mg/kg	Route	2.3E-004	mg/kg-day	3.0E-002	mg/kg-day	--	--	7.7E-003
	Pyrene	1162	mg/kg	1162	mg/kg	Route	8.5E-005	mg/kg-day	3.0E-002	mg/kg-day	--	--	2.8E-003
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	1.4E-010	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	541	mg/kg	541	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	4,4'-DDT	20	mg/kg	20	mg/kg	Route	3.4E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	6.8E-004
	Acetophenone	0.34	mg/kg	0.34	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-BHC	2.4	mg/kg	2.4	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aroclor 1254	8664	mg/kg	8664	mg/kg	Route	6.9E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	3.4E+001
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	1.7E-008	mg/kg-day	2.0E-005	mg/kg-day	--	--	8.7E-004
	Dieldrin	91	mg/kg	91	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin aldehyde	54	mg/kg	54	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	gamma-Chlordane	10	mg/kg	10	mg/kg	Route	2.3E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	4.5E-004
	Heptachlor	1.9	mg/kg	1.9	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor epoxide	123	mg/kg	123	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	6.4E-008	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31588	mg/kg	31588	mg/kg	Route	2.5E-003	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	9033	mg/kg	9033	mg/kg	Route	7.2E-004	mg/kg-day	NA	N/A	--	--	--
	Aluminum	28009	mg/kg	28009	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Arsenic	32	mg/kg	32	mg/kg	Route	5.4E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.8E-003
	Barium	543	mg/kg	543	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	2.3E-008	mg/kg-day	2.5E-005	mg/kg-day	--	--	9.1E-004
	Chromium	61	mg/kg	61	mg/kg	Route	N/A	N/A	NA	NA	--	--	--

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TABLE 7.5.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Cyanide	2	mg/kg	2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Iron	41575	mg/kg	41575	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Manganese	745	mg/kg	745	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Thallium	3	mg/kg	3	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Vanadium	63	mg/kg	63	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
Inhalation	Benzene	0.009	mg/kg	0.009	mg/kg	Route	2.6E-007	mg/kg-day	1.7E-003	mg/kg-day	--	--	1.5E-004
	cis-1,2-Dichloroethene	9.8	mg/kg	9.8	mg/kg	Route	2.8E-004	mg/kg-day	NA	NA	--	--	--
	Trichloroethene	0.56	mg/kg	0.56	mg/kg	Route	1.3E-005	mg/kg-day	1.1E-002	mg/kg-day	--	--	1.1E-003
	2-Methylnaphthalene	206	mg/kg	206	mg/kg	Route	2.5E-004	mg/kg-day	8.6E-004	mg/kg-day	--	--	2.9E-001
	Acenaphthene	1251	mg/kg	1251	mg/kg	Route	3.9E-004	mg/kg-day	NA	NA	--	--	--
	Benzo(a)anthracene	411	mg/kg	411	mg/kg	Route	3.2E-006	mg/kg-day	NA	NA	--	--	--
	Benzo(a)pyrene	233	mg/kg	233	mg/kg	Route	7.6E-007	mg/kg-day	NA	NA	--	--	--
	Benzo(b)fluoranthene	68	mg/kg	68	mg/kg	Route	1.0E-006	mg/kg-day	NA	NA	--	--	--
	Benzo(k)fluoranthene	202	mg/kg	202	mg/kg	Route	4.4E-007	mg/kg-day	NA	NA	--	--	--
	Chrysene	371	mg/kg	371	mg/kg	Route	9.3E-006	mg/kg-day	NA	NA	--	--	--
	Dibenzofuran	759	mg/kg	759	mg/kg	Route	2.1E-007	mg/kg-day	NA	NA	--	--	--
	Dibenz(a,h)anthracene	30	mg/kg	30	mg/kg	Route	3.2E-008	mg/kg-day	NA	NA	--	--	--
	Fluoranthene	1787	mg/kg	1787	mg/kg	Route	4.0E-005	mg/kg-day	NA	NA	--	--	--
	Fluorene	893	mg/kg	893	mg/kg	Route	1.2E-004	mg/kg-day	NA	NA	--	--	--
	Indeno(1,2,3-cd)pyrene	117	mg/kg	117	mg/kg	Route	1.8E-007	mg/kg-day	NA	NA	--	--	--
	Naphthalene	58	mg/kg	58	mg/kg	Route	7.1E-005	mg/kg-day	8.6E-004	mg/kg-day	--	--	8.2E-002
	Phenanthrene	3127	mg/kg	3127	mg/kg	Route	5.7E-005	mg/kg-day	NA	NA	--	--	--
	Pyrene	1162	mg/kg	1162	mg/kg	Route	2.1E-005	mg/kg-day	NA	NA	--	--	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	2.2E-012	mg/kg-day	NA	NA	--	--	--
	4,4'-DDE	541	mg/kg	541	mg/kg	Route	1.6E-006	mg/kg-day	NA	NA	--	--	--
	4,4'-DDT	20	mg/kg	20	mg/kg	Route	5.1E-008	mg/kg-day	NA	NA	--	--	--
	Acetophenone	0.34	mg/kg	0.34	mg/kg	Route	9.5E-011	mg/kg-day	NA	NA	--	--	--
	alpha-BHC	2.4	mg/kg	2.4	mg/kg	Route	3.0E-007	mg/kg-day	NA	NA	--	--	--
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	7.0E-009	mg/kg-day	2.0E-004	mg/kg-day	--	--	3.5E-005
	Aroclor 1254	8664	mg/kg	8664	mg/kg	Route	1.5E-003	mg/kg-day	2.0E-005	mg/kg-day	--	--	7.4E+001
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	3.8E-008	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.9E-003
	Dieldrin	91	mg/kg	91	mg/kg	Route	2.9E-006	mg/kg-day	NA	NA	--	--	--
	Endrin aldehyde	54	mg/kg	54	mg/kg	Route	1.7E-006	mg/kg-day	NA	NA	--	--	--
	gamma-Chlordane	10	mg/kg	10	mg/kg	Route	2.8E-009	mg/kg-day	2.0E-004	mg/kg-day	--	--	1.4E-005
	Heptachlor	1.9	mg/kg	1.9	mg/kg	Route	5.8E-008	mg/kg-day	NA	NA	--	--	--
	Heptachlor epoxide	123	mg/kg	123	mg/kg	Route	1.7E-006	mg/kg-day	NA	NA	--	--	--
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	1.1E-009	mg/kg-day	NA	NA	--	--	--
	Nondioxin-like PCBs	31588	mg/kg	31588	mg/kg	Route	5.4E-003	mg/kg-day	NA	NA	--	--	--
	Total PCBs	9033	mg/kg	9033	mg/kg	Route	1.5E-003	mg/kg-day	NA	NA	--	--	--
	Aluminum	28009	mg/kg	28009	mg/kg	Route	7.8E-006	mg/kg-day	1.4E-003	mg/kg-day	--	--	5.5E-003
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	2.0E-009	mg/kg-day	NA	NA	--	--	--
	Arsenic	32	mg/kg	32	mg/kg	Route	9.0E-009	mg/kg-day	NA	NA	--	--	--

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TABLE 7.5.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Barium	543	mg/kg	543	mg/kg	Route	1.5E-007	mg/kg-day	1.4E-004	mg/kg-day	--	--	1.1E-003
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	1.1E-008	mg/kg-day	5.7E-005	mg/kg-day	--	--	2.0E-004
	Chromium	61	mg/kg	61	mg/kg	Route	1.7E-008	mg/kg-day	NA	NA	--	--	--
	Cyanide	2	mg/kg	2	mg/kg	Route	5.6E-010	mg/kg-day	NA	NA	--	--	--
	Iron	41575	mg/kg	41575	mg/kg	Route	1.2E-005	mg/kg-day	NA	NA	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	NA	--	--	--
	Manganese	745	mg/kg	745	mg/kg	Route	2.1E-007	mg/kg-day	1.4E-005	mg/kg-day	--	--	1.5E-002
	Thallium	3	mg/kg	3	mg/kg	Route	8.4E-010	mg/kg-day	NA	NA	--	--	--
	Vanadium	63	mg/kg	63	mg/kg	Route	1.8E-008	mg/kg-day	NA	NA	--	--	--
												Total Hazard Index Across All Exposure Routes/Pathways	4.9E+002

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic.

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TABLE 7.6.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Ingestion	Benzene	0.009	mg/kg	0.009	mg/kg	Route	7.9E-009	mg/kg-day	3.0E-003	mg/kg-day	--	--	2.6E-006
	cis-1,2-Dichloroethene	0.07	mg/kg	0.07	mg/kg	Route	6.2E-008	mg/kg-day	1.0E-002	mg/kg-day	--	--	6.2E-006
	Trichloroethene	0.09	mg/kg	0.09	mg/kg	Route	7.9E-008	mg/kg-day	3.0E-004	mg/kg-day	--	--	2.6E-004
	2-Methylnaphthalene	0.55	mg/kg	0.55	mg/kg	Route	4.8E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	2.4E-005
	Acenaphthene	0.22	mg/kg	0.22	mg/kg	Route	1.9E-007	mg/kg-day	6.0E-002	mg/kg-day	--	--	3.2E-006
	Benzo(a)anthracene	2.7	mg/kg	2.7	mg/kg	Route	2.4E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	2.5E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	3.3	mg/kg	3.3	mg/kg	Route	2.9E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	2.65	mg/kg	2.65	mg/kg	Route	2.3E-006	mg/kg-day	NA	N/A	--	--	--
	Chrysene	3.37	mg/kg	3.37	mg/kg	Route	3.0E-006	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	0.25	mg/kg	0.25	mg/kg	Route	2.2E-007	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	0.61	mg/kg	0.61	mg/kg	Route	5.4E-007	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	3.8	mg/kg	3.8	mg/kg	Route	3.3E-006	mg/kg-day	4.0E-002	mg/kg-day	--	--	8.4E-005
	Fluorene	0.27	mg/kg	0.27	mg/kg	Route	2.4E-007	mg/kg-day	4.0E-002	mg/kg-day	--	--	5.9E-006
	Indeno(1,2,3-cd)pyrene	2.28	mg/kg	2.28	mg/kg	Route	2.0E-006	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	0.37	mg/kg	0.37	mg/kg	Route	3.3E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.6E-005
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	1.8E-006	mg/kg-day	3.0E-002	mg/kg-day	--	--	6.2E-005
	Pyrene	5.4	mg/kg	5.4	mg/kg	Route	4.8E-006	mg/kg-day	3.0E-002	mg/kg-day	--	--	1.6E-004
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	7.0E-009	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	13.7	mg/kg	13.7	mg/kg	Route	1.2E-005	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDT	0.8	mg/kg	0.8	mg/kg	Route	7.0E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	1.4E-003
	Acetophenone	0.3	mg/kg	0.3	mg/kg	Route	2.6E-007	mg/kg-day	1.0E-001	mg/kg-day	--	--	2.6E-006
	alpha-BHC	0.075	mg/kg	0.075	mg/kg	Route	6.6E-008	mg/kg-day	NA	N/A	--	--	--
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	2.0E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	4.1E-004
	Aroclor 1254	544	mg/kg	544	mg/kg	Route	4.8E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	2.4E+001
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	1.9E-007	mg/kg-day	2.0E-005	mg/kg-day	--	--	9.7E-003
	Dieldrin	16.5	mg/kg	16.5	mg/kg	Route	1.5E-005	mg/kg-day	5.0E-005	mg/kg-day	--	--	2.9E-001
	Endrin aldehyde	3.5	mg/kg	3.5	mg/kg	Route	3.1E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.0E-002
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	2.8E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	5.6E-004
	Heptachlor	0.41	mg/kg	0.41	mg/kg	Route	3.6E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	7.2E-004
	Heptachlor epoxide	6.7	mg/kg	6.7	mg/kg	Route	5.9E-006	mg/kg-day	1.3E-005	mg/kg-day	--	--	4.5E-001
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	3.3E-006	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.8E-002	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	926	mg/kg	926	mg/kg	Route	8.2E-004	mg/kg-day	NA	N/A	--	--	--
	Aluminum	28009	mg/kg	28009	mg/kg	Route	2.5E-002	mg/kg-day	1.0E+000	mg/kg-day	--	--	2.5E-002
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	6.3E-006	mg/kg-day	4.0E-004	mg/kg-day	--	--	1.6E-002
	Arsenic	32	mg/kg	32	mg/kg	Route	2.8E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	9.4E-002
	Barium	381	mg/kg	381	mg/kg	Route	3.4E-004	mg/kg-day	7.0E-002	mg/kg-day	--	--	4.8E-003
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	3.5E-005	mg/kg-day	1.0E-003	mg/kg-day	--	--	3.5E-002
	Chromium	45	mg/kg	45	mg/kg	Route	4.0E-005	mg/kg-day	3.0E-003	mg/kg-day	--	--	1.3E-002
	Cyanide	0.88	mg/kg	0.88	mg/kg	Route	7.7E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	3.9E-005
	Iron	34473	mg/kg	34473	mg/kg	Route	3.0E-002	mg/kg-day	3.0E-001	mg/kg-day	--	--	1.0E-001
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--	--	--

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TABLE 7.6.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Manganese	745	mg/kg	745	mg/kg	Route	6.6E-004	mg/kg-day	2.3E-002	mg/kg-day	--	--	2.9E-002
	Thallium	1.7	mg/kg	1.7	mg/kg	Route	1.5E-006	mg/kg-day	8.0E-005	mg/kg-day	--	--	1.9E-002
	Vanadium	55	mg/kg	55	mg/kg	Route	4.8E-005	mg/kg-day	7.0E-003	mg/kg-day	--	--	6.9E-003
Dermal Absorption	Benzene	0.009	mg/kg	0.009	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	cis-1,2-Dichloroethene	0.07	mg/kg	0.07	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Trichloroethene	0.09	mg/kg	0.09	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	2-Methylnaphthalene	0.55	mg/kg	0.55	mg/kg	Route	4.2E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	2.1E-005
	Acenaphthene	0.22	mg/kg	0.22	mg/kg	Route	1.7E-007	mg/kg-day	6.0E-002	mg/kg-day	--	--	2.8E-006
	Benzo(a)anthracene	2.7	mg/kg	2.7	mg/kg	Route	2.0E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	2.1E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	3.3	mg/kg	3.3	mg/kg	Route	2.5E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	2.65	mg/kg	2.65	mg/kg	Route	2.0E-006	mg/kg-day	NA	N/A	--	--	--
	Chrysene	3.37	mg/kg	3.37	mg/kg	Route	2.5E-006	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	0.25	mg/kg	0.25	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	0.61	mg/kg	0.61	mg/kg	Route	4.6E-007	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	3.8	mg/kg	3.8	mg/kg	Route	2.9E-006	mg/kg-day	4.0E-002	mg/kg-day	--	--	7.2E-005
	Fluorene	0.27	mg/kg	0.27	mg/kg	Route	2.0E-007	mg/kg-day	4.0E-002	mg/kg-day	--	--	5.1E-006
	Indeno(1,2,3-cd)pyrene	2.28	mg/kg	2.28	mg/kg	Route	1.7E-006	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	0.37	mg/kg	0.37	mg/kg	Route	2.8E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.4E-005
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	1.6E-006	mg/kg-day	3.0E-002	mg/kg-day	--	--	5.3E-005
	Pyrene	5.4	mg/kg	5.4	mg/kg	Route	4.1E-006	mg/kg-day	3.0E-002	mg/kg-day	--	--	1.4E-004
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	1.4E-009	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	13.7	mg/kg	13.7	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	4,4'-DDT	0.8	mg/kg	0.8	mg/kg	Route	1.4E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	2.8E-004
	Acetophenone	0.3	mg/kg	0.3	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-BHC	0.075	mg/kg	0.075	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aroclor 1254	544	mg/kg	544	mg/kg	Route	4.4E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	2.2E+001
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	1.8E-007	mg/kg-day	2.0E-005	mg/kg-day	--	--	9.0E-003
	Dieldrin	16.5	mg/kg	16.5	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin aldehyde	3.5	mg/kg	3.5	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	7.4E-008	mg/kg-day	5.0E-004	mg/kg-day	--	--	1.5E-004
	Heptachlor	0.41	mg/kg	0.41	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor epoxide	6.7	mg/kg	6.7	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	6.6E-007	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.6E-002	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	926	mg/kg	926	mg/kg	Route	7.5E-004	mg/kg-day	NA	N/A	--	--	--
	Aluminum	28009	mg/kg	28009	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Arsenic	32	mg/kg	32	mg/kg	Route	5.6E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.9E-002
	Barium	381	mg/kg	381	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	2.3E-007	mg/kg-day	2.5E-005	mg/kg-day	--	--	9.3E-003
	Chromium	45	mg/kg	45	mg/kg	Route	N/A	N/A	NA	NA	--	--	--

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TABLE 7.6.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Cyanide	0.88	mg/kg	0.88	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Iron	34473	mg/kg	34473	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Manganese	745	mg/kg	745	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Thallium	1.7	mg/kg	1.7	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Vanadium	55	mg/kg	55	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
Inhalation	Benzene	0.009	mg/kg	0.009	mg/kg	Route	2.7E-007	mg/kg-day	1.7E-003	mg/kg-day	--	--	1.6E-004
	cis-1,2-Dichloroethene	0.07	mg/kg	0.07	mg/kg	Route	2.1E-006	mg/kg-day	NA	NA	--	--	--
	Trichloroethene	0.09	mg/kg	0.09	mg/kg	Route	2.1E-006	mg/kg-day	1.1E-002	mg/kg-day	--	--	1.8E-004
	2-Methylnaphthalene	0.55	mg/kg	0.55	mg/kg	Route	6.9E-007	mg/kg-day	8.6E-004	mg/kg-day	--	--	8.0E-004
	Acenaphthene	0.22	mg/kg	0.22	mg/kg	Route	7.0E-008	mg/kg-day	NA	NA	--	--	--
	Benzo(a)anthracene	2.7	mg/kg	2.7	mg/kg	Route	2.1E-008	mg/kg-day	NA	NA	--	--	--
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	9.4E-009	mg/kg-day	NA	NA	--	--	--
	Benzo(b)fluoranthene	3.3	mg/kg	3.3	mg/kg	Route	5.1E-008	mg/kg-day	NA	NA	--	--	--
	Benzo(k)fluoranthene	2.65	mg/kg	2.65	mg/kg	Route	5.9E-009	mg/kg-day	NA	NA	--	--	--
	Chrysene	3.37	mg/kg	3.37	mg/kg	Route	8.7E-008	mg/kg-day	NA	NA	--	--	--
	Dibenzofuran	0.25	mg/kg	0.25	mg/kg	Route	7.2E-011	mg/kg-day	NA	NA	--	--	--
	Dibenz(a,h)anthracene	0.61	mg/kg	0.61	mg/kg	Route	6.7E-010	mg/kg-day	NA	NA	--	--	--
	Fluoranthene	3.8	mg/kg	3.8	mg/kg	Route	8.6E-008	mg/kg-day	NA	NA	--	--	--
	Fluorene	0.27	mg/kg	0.27	mg/kg	Route	3.7E-008	mg/kg-day	NA	NA	--	--	--
	Indeno(1,2,3-cd)pyrene	2.28	mg/kg	2.28	mg/kg	Route	3.7E-009	mg/kg-day	NA	NA	--	--	--
	Naphthalene	0.37	mg/kg	0.37	mg/kg	Route	4.6E-007	mg/kg-day	8.6E-004	mg/kg-day	--	--	5.4E-004
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	4.0E-008	mg/kg-day	NA	NA	--	--	--
	Pyrene	5.4	mg/kg	5.4	mg/kg	Route	1.0E-007	mg/kg-day	NA	NA	--	--	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	2.3E-012	mg/kg-day	NA	NA	--	--	--
	4,4'-DDE	13.7	mg/kg	13.7	mg/kg	Route	4.3E-008	mg/kg-day	NA	NA	--	--	--
	4,4'-DDT	0.8	mg/kg	0.8	mg/kg	Route	2.1E-009	mg/kg-day	NA	NA	--	--	--
	Acetophenone	0.3	mg/kg	0.3	mg/kg	Route	8.6E-011	mg/kg-day	NA	NA	--	--	--
	alpha-BHC	0.075	mg/kg	0.075	mg/kg	Route	9.6E-009	mg/kg-day	NA	NA	--	--	--
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	7.2E-009	mg/kg-day	2.0E-004	mg/kg-day	--	--	3.6E-005
	Aroclor 1254	544	mg/kg	544	mg/kg	Route	9.6E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	4.8E+000
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	3.9E-008	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.9E-003
	Dieldrin	16.5	mg/kg	16.5	mg/kg	Route	5.4E-007	mg/kg-day	NA	NA	--	--	--
	Endrin aldehyde	3.5	mg/kg	3.5	mg/kg	Route	1.1E-007	mg/kg-day	NA	NA	--	--	--
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	9.2E-011	mg/kg-day	2.0E-004	mg/kg-day	--	--	4.6E-007
	Heptachlor	0.41	mg/kg	0.41	mg/kg	Route	1.3E-008	mg/kg-day	NA	NA	--	--	--
	Heptachlor epoxide	6.7	mg/kg	6.7	mg/kg	Route	9.4E-008	mg/kg-day	NA	NA	--	--	--
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	1.1E-009	mg/kg-day	NA	NA	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	5.6E-003	mg/kg-day	NA	NA	--	--	--
	Total PCBs	926	mg/kg	926	mg/kg	Route	1.6E-004	mg/kg-day	NA	NA	--	--	--
	Aluminum	28009	mg/kg	28009	mg/kg	Route	8.1E-006	mg/kg-day	1.4E-003	mg/kg-day	--	--	5.6E-003
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	2.1E-009	mg/kg-day	NA	NA	--	--	--
	Arsenic	32	mg/kg	32	mg/kg	Route	9.2E-009	mg/kg-day	NA	NA	--	--	--

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TABLE 7.6.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Barium	381	mg/kg	381	mg/kg	Route	1.1E-007	mg/kg-day	1.4E-004	mg/kg-day	--	--	7.7E-004
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	1.2E-008	mg/kg-day	5.7E-005	mg/kg-day	--	--	2.0E-004
	Chromium	45	mg/kg	45	mg/kg	Route	1.3E-008	mg/kg-day	NA	NA	--	--	--
	Cyanide	0.88	mg/kg	0.88	mg/kg	Route	2.5E-010	mg/kg-day	NA	NA	--	--	--
	Iron	34473	mg/kg	34473	mg/kg	Route	9.9E-006	mg/kg-day	NA	NA	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	NA	--	--	--
	Manganese	745	mg/kg	745	mg/kg	Route	2.1E-007	mg/kg-day	1.4E-005	mg/kg-day	--	--	1.5E-002
	Thallium	1.7	mg/kg	1.7	mg/kg	Route	4.9E-010	mg/kg-day	NA	NA	--	--	--
	Vanadium	55	mg/kg	55	mg/kg	Route	1.6E-008	mg/kg-day	NA	NA	--	--	--
												Total Hazard Index Across All Exposure Routes/Pathways	5.2E+001

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic.

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TABLE 7.6.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Ingestion	Benzene	0.009	mg/kg	0.009	mg/kg	Route	7.7E-009	mg/kg-day	3.0E-003	mg/kg-day	--	--	2.6E-006
	cis-1,2-Dichloroethene	0.07	mg/kg	0.07	mg/kg	Route	6.0E-008	mg/kg-day	1.0E-002	mg/kg-day	--	--	6.0E-006
	Trichloroethene	0.09	mg/kg	0.09	mg/kg	Route	7.7E-008	mg/kg-day	3.0E-004	mg/kg-day	--	--	2.6E-004
	2-Methylnaphthalene	0.55	mg/kg	0.55	mg/kg	Route	4.7E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	2.4E-005
	Acenaphthene	0.22	mg/kg	0.22	mg/kg	Route	1.9E-007	mg/kg-day	6.0E-002	mg/kg-day	--	--	3.1E-006
	Benzo(a)anthracene	2.7	mg/kg	2.7	mg/kg	Route	2.3E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	2.4E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	3.3	mg/kg	3.3	mg/kg	Route	2.8E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	2.65	mg/kg	2.65	mg/kg	Route	2.3E-006	mg/kg-day	NA	N/A	--	--	--
	Chrysene	3.37	mg/kg	3.37	mg/kg	Route	2.9E-006	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	0.25	mg/kg	0.25	mg/kg	Route	2.1E-007	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	0.61	mg/kg	0.61	mg/kg	Route	5.2E-007	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	3.8	mg/kg	3.8	mg/kg	Route	3.3E-006	mg/kg-day	4.0E-002	mg/kg-day	--	--	8.1E-005
	Fluorene	0.27	mg/kg	0.27	mg/kg	Route	2.3E-007	mg/kg-day	4.0E-002	mg/kg-day	--	--	5.8E-006
	Indeno(1,2,3-cd)pyrene	2.28	mg/kg	2.28	mg/kg	Route	2.0E-006	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	0.37	mg/kg	0.37	mg/kg	Route	3.2E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.6E-005
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	1.8E-006	mg/kg-day	3.0E-002	mg/kg-day	--	--	6.0E-005
	Pyrene	5.4	mg/kg	5.4	mg/kg	Route	4.6E-006	mg/kg-day	3.0E-002	mg/kg-day	--	--	1.5E-004
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	6.9E-009	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	13.7	mg/kg	13.7	mg/kg	Route	1.2E-005	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDT	0.8	mg/kg	0.8	mg/kg	Route	6.9E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	1.4E-003
	Acetophenone	0.3	mg/kg	0.3	mg/kg	Route	2.6E-007	mg/kg-day	1.0E-001	mg/kg-day	--	--	2.6E-006
	alpha-BHC	0.075	mg/kg	0.075	mg/kg	Route	6.4E-008	mg/kg-day	NA	N/A	--	--	--
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	2.0E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	3.9E-004
	Aroclor 1254	544	mg/kg	544	mg/kg	Route	4.7E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	2.3E+001
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	1.9E-007	mg/kg-day	2.0E-005	mg/kg-day	--	--	9.4E-003
	Dieldrin	16.5	mg/kg	16.5	mg/kg	Route	1.4E-005	mg/kg-day	5.0E-005	mg/kg-day	--	--	2.8E-001
	Endrin aldehyde	3.5	mg/kg	3.5	mg/kg	Route	3.0E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.0E-002
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	2.7E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	5.5E-004
	Heptachlor	0.41	mg/kg	0.41	mg/kg	Route	3.5E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	7.0E-004
	Heptachlor epoxide	6.7	mg/kg	6.7	mg/kg	Route	5.7E-006	mg/kg-day	1.3E-005	mg/kg-day	--	--	4.4E-001
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	3.3E-006	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.7E-002	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	926	mg/kg	926	mg/kg	Route	7.9E-004	mg/kg-day	NA	N/A	--	--	--
	Aluminum	28009	mg/kg	28009	mg/kg	Route	2.4E-002	mg/kg-day	1.0E+000	mg/kg-day	--	--	2.4E-002
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	6.2E-006	mg/kg-day	4.0E-004	mg/kg-day	--	--	1.5E-002
	Arsenic	32	mg/kg	32	mg/kg	Route	2.7E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	9.1E-002
	Barium	381	mg/kg	381	mg/kg	Route	3.3E-004	mg/kg-day	7.0E-002	mg/kg-day	--	--	4.7E-003
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	3.4E-005	mg/kg-day	1.0E-003	mg/kg-day	--	--	3.4E-002
	Chromium	45	mg/kg	45	mg/kg	Route	3.9E-005	mg/kg-day	3.0E-003	mg/kg-day	--	--	1.3E-002
	Cyanide	0.88	mg/kg	0.88	mg/kg	Route	7.5E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	3.8E-005
	Iron	34473	mg/kg	34473	mg/kg	Route	3.0E-002	mg/kg-day	3.0E-001	mg/kg-day	--	--	9.8E-002
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--	--	--

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TABLE 7.6.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Manganese	745	mg/kg	745	mg/kg	Route	6.4E-004	mg/kg-day	2.3E-002	mg/kg-day	--	--	2.8E-002
	Thallium	1.7	mg/kg	1.7	mg/kg	Route	1.5E-006	mg/kg-day	8.0E-005	mg/kg-day	--	--	1.8E-002
	Vanadium	55	mg/kg	55	mg/kg	Route	4.7E-005	mg/kg-day	7.0E-003	mg/kg-day	--	--	6.7E-003
Dermal Absorption	Benzene	0.009	mg/kg	0.009	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	cis-1,2-Dichloroethene	0.07	mg/kg	0.07	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Trichloroethene	0.09	mg/kg	0.09	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	2-Methylnaphthalene	0.55	mg/kg	0.55	mg/kg	Route	4.0E-008	mg/kg-day	2.0E-002	mg/kg-day	--	--	2.0E-006
	Acenaphthene	0.22	mg/kg	0.22	mg/kg	Route	1.6E-008	mg/kg-day	6.0E-002	mg/kg-day	--	--	2.7E-007
	Benzo(a)anthracene	2.7	mg/kg	2.7	mg/kg	Route	2.0E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	2.1E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	3.3	mg/kg	3.3	mg/kg	Route	2.4E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	2.65	mg/kg	2.65	mg/kg	Route	1.9E-007	mg/kg-day	NA	N/A	--	--	--
	Chrysene	3.37	mg/kg	3.37	mg/kg	Route	2.5E-007	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	0.25	mg/kg	0.25	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	0.61	mg/kg	0.61	mg/kg	Route	4.5E-008	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	3.8	mg/kg	3.8	mg/kg	Route	2.8E-007	mg/kg-day	4.0E-002	mg/kg-day	--	--	7.0E-006
	Fluorene	0.27	mg/kg	0.27	mg/kg	Route	2.0E-008	mg/kg-day	4.0E-002	mg/kg-day	--	--	5.0E-007
	Indeno(1,2,3-cd)pyrene	2.28	mg/kg	2.28	mg/kg	Route	1.7E-007	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	0.37	mg/kg	0.37	mg/kg	Route	2.7E-008	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.4E-006
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	1.5E-007	mg/kg-day	3.0E-002	mg/kg-day	--	--	5.1E-006
	Pyrene	5.4	mg/kg	5.4	mg/kg	Route	4.0E-007	mg/kg-day	3.0E-002	mg/kg-day	--	--	1.3E-005
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	1.4E-010	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	13.7	mg/kg	13.7	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	4,4'-DDT	0.8	mg/kg	0.8	mg/kg	Route	1.4E-008	mg/kg-day	5.0E-004	mg/kg-day	--	--	2.7E-005
	Acetophenone	0.3	mg/kg	0.3	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-BHC	0.075	mg/kg	0.075	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aroclor 1254	544	mg/kg	544	mg/kg	Route	4.3E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	2.2E+000
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	1.7E-008	mg/kg-day	2.0E-005	mg/kg-day	--	--	8.7E-004
	Dieldrin	16.5	mg/kg	16.5	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin aldehyde	3.5	mg/kg	3.5	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	7.2E-009	mg/kg-day	5.0E-004	mg/kg-day	--	--	1.4E-005
	Heptachlor	0.41	mg/kg	0.41	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor epoxide	6.7	mg/kg	6.7	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	6.4E-008	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.5E-003	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	926	mg/kg	926	mg/kg	Route	7.3E-005	mg/kg-day	NA	N/A	--	--	--
	Aluminum	28009	mg/kg	28009	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Arsenic	32	mg/kg	32	mg/kg	Route	5.4E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.8E-003
	Barium	381	mg/kg	381	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	2.3E-008	mg/kg-day	2.5E-005	mg/kg-day	--	--	9.1E-004
	Chromium	45	mg/kg	45	mg/kg	Route	N/A	N/A	NA	NA	--	--	--

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TABLE 7.6.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Cyanide	0.88	mg/kg	0.88	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Iron	34473	mg/kg	34473	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Manganese	745	mg/kg	745	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Thallium	1.7	mg/kg	1.7	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Vanadium	55	mg/kg	55	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
Inhalation	Benzene	0.009	mg/kg	0.009	mg/kg	Route	2.6E-007	mg/kg-day	1.7E-003	mg/kg-day	--	--	1.5E-004
	cis-1,2-Dichloroethene	0.07	mg/kg	0.07	mg/kg	Route	2.0E-006	mg/kg-day	NA	NA	--	--	--
	Trichloroethene	0.09	mg/kg	0.09	mg/kg	Route	2.0E-006	mg/kg-day	1.1E-002	mg/kg-day	--	--	1.8E-004
	2-Methylnaphthalene	0.55	mg/kg	0.55	mg/kg	Route	6.7E-007	mg/kg-day	8.6E-004	mg/kg-day	--	--	7.8E-004
	Acenaphthene	0.22	mg/kg	0.22	mg/kg	Route	6.8E-008	mg/kg-day	NA	NA	--	--	--
	Benzo(a)anthracene	2.7	mg/kg	2.7	mg/kg	Route	2.1E-008	mg/kg-day	NA	NA	--	--	--
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	9.1E-009	mg/kg-day	NA	NA	--	--	--
	Benzo(b)fluoranthene	3.3	mg/kg	3.3	mg/kg	Route	4.9E-008	mg/kg-day	NA	NA	--	--	--
	Benzo(k)fluoranthene	2.65	mg/kg	2.65	mg/kg	Route	5.8E-009	mg/kg-day	NA	NA	--	--	--
	Chrysene	3.37	mg/kg	3.37	mg/kg	Route	8.5E-008	mg/kg-day	NA	NA	--	--	--
	Dibenzofuran	0.25	mg/kg	0.25	mg/kg	Route	7.0E-011	mg/kg-day	NA	NA	--	--	--
	Dibenz(a,h)anthracene	0.61	mg/kg	0.61	mg/kg	Route	6.5E-010	mg/kg-day	NA	NA	--	--	--
	Fluoranthene	3.8	mg/kg	3.8	mg/kg	Route	8.6E-008	mg/kg-day	NA	NA	--	--	--
	Fluorene	0.27	mg/kg	0.27	mg/kg	Route	3.6E-008	mg/kg-day	NA	NA	--	--	--
	Indeno(1,2,3-cd)pyrene	2.28	mg/kg	2.28	mg/kg	Route	3.6E-009	mg/kg-day	NA	NA	--	--	--
	Naphthalene	0.37	mg/kg	0.37	mg/kg	Route	4.5E-007	mg/kg-day	8.6E-004	mg/kg-day	--	--	5.3E-004
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	3.9E-008	mg/kg-day	NA	NA	--	--	--
	Pyrene	5.4	mg/kg	5.4	mg/kg	Route	9.9E-008	mg/kg-day	NA	NA	--	--	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	2.2E-012	mg/kg-day	NA	NA	--	--	--
	4,4'-DDE	13.7	mg/kg	13.7	mg/kg	Route	4.2E-008	mg/kg-day	NA	NA	--	--	--
	4,4'-DDT	0.8	mg/kg	0.8	mg/kg	Route	2.1E-009	mg/kg-day	NA	NA	--	--	--
	Acetophenone	0.3	mg/kg	0.3	mg/kg	Route	8.4E-011	mg/kg-day	NA	NA	--	--	--
	alpha-BHC	0.075	mg/kg	0.075	mg/kg	Route	9.3E-009	mg/kg-day	NA	NA	--	--	--
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	7.0E-009	mg/kg-day	2.0E-004	mg/kg-day	--	--	3.5E-005
	Aroclor 1254	544	mg/kg	544	mg/kg	Route	9.3E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	4.7E+000
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	3.8E-008	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.9E-003
	Dieldrin	16.5	mg/kg	16.5	mg/kg	Route	5.3E-007	mg/kg-day	NA	NA	--	--	--
	Endrin aldehyde	3.5	mg/kg	3.5	mg/kg	Route	1.1E-007	mg/kg-day	NA	NA	--	--	--
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	9.0E-011	mg/kg-day	2.0E-004	mg/kg-day	--	--	4.5E-007
	Heptachlor	0.41	mg/kg	0.41	mg/kg	Route	1.2E-008	mg/kg-day	NA	NA	--	--	--
	Heptachlor epoxide	6.7	mg/kg	6.7	mg/kg	Route	9.2E-008	mg/kg-day	NA	NA	--	--	--
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	1.1E-009	mg/kg-day	NA	NA	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	5.4E-003	mg/kg-day	NA	NA	--	--	--
	Total PCBs	926	mg/kg	926	mg/kg	Route	1.6E-004	mg/kg-day	NA	NA	--	--	--
	Aluminum	28009	mg/kg	28009	mg/kg	Route	7.8E-006	mg/kg-day	1.4E-003	mg/kg-day	--	--	5.5E-003
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	2.0E-009	mg/kg-day	NA	NA	--	--	--
	Arsenic	32	mg/kg	32	mg/kg	Route	9.0E-009	mg/kg-day	NA	NA	--	--	--

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TABLE 7.6.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Barium	381	mg/kg	381	mg/kg	Route	1.1E-007	mg/kg-day	1.4E-004	mg/kg-day	--	--	7.5E-004
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	1.1E-008	mg/kg-day	5.7E-005	mg/kg-day	--	--	2.0E-004
	Chromium	45	mg/kg	45	mg/kg	Route	1.3E-008	mg/kg-day	NA	NA	--	--	--
	Cyanide	0.88	mg/kg	0.88	mg/kg	Route	2.5E-010	mg/kg-day	NA	NA	--	--	--
	Iron	34473	mg/kg	34473	mg/kg	Route	9.7E-006	mg/kg-day	NA	NA	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	NA	--	--	--
	Manganese	745	mg/kg	745	mg/kg	Route	2.1E-007	mg/kg-day	1.4E-005	mg/kg-day	--	--	1.5E-002
	Thallium	1.7	mg/kg	1.7	mg/kg	Route	4.8E-010	mg/kg-day	NA	NA	--	--	--
	Vanadium	55	mg/kg	55	mg/kg	Route	1.5E-008	mg/kg-day	NA	NA	--	--	--
												Total Hazard Index Across All Exposure Routes/Pathways	3.1E+001

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic.

301871

TABLE 7.7.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current/ Future
Medium: Building Dust
Exposure Medium: Building Dust
Exposure Point: Building Interior
Receptor Population: Site Worker (Indoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Ingestion	Aroclor 1254	2,071	mg/kg	2,071	mg/kg	Route	1.0E-003	mg/kg-day	2.0E-005	mg/kg-day	--	--	5.1E+001
	Aluminum	16,818	mg/kg	16,818	mg/kg	Route	8.2E-003	mg/kg-day	1.0E+000	mg/kg-day	--	--	8.2E-003
	Antimony	72.6	mg/kg	72.6	mg/kg	Route	3.6E-005	mg/kg-day	4.0E-004	mg/kg-day	--	--	8.9E-002
	Arsenic	19.3	mg/kg	19.3	mg/kg	Route	9.4E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	3.1E-002
	Barium	3,527	mg/kg	3,527	mg/kg	Route	1.7E-003	mg/kg-day	7.0E-002	mg/kg-day	--	--	2.5E-002
	Cadmium	116	mg/kg	116	mg/kg	Route	5.7E-005	mg/kg-day	1.0E-003	mg/kg-day	--	--	5.7E-002
	Chromium	421	mg/kg	421	mg/kg	Route	2.1E-004	mg/kg-day	3.0E-003	mg/kg-day	--	--	6.9E-002
	Copper	9,016	mg/kg	9,016	mg/kg	Route	4.4E-003	mg/kg-day	3.7E-002	mg/kg-day	--	--	1.2E-001
	Iron	134,860	mg/kg	134,860	mg/kg	Route	6.6E-002	mg/kg-day	3.0E-001	mg/kg-day	--	--	2.2E-001
	Lead	11,219	mg/kg	11,219	mg/kg	Route	5.5E-003	mg/kg-day	NA	N/A	--	--	--
	Manganese	839	mg/kg	839	mg/kg	Route	4.1E-004	mg/kg-day	2.3E-002	mg/kg-day	--	--	1.8E-002
	Mercury	5.00	mg/kg	5.00	mg/kg	Route	2.4E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	8.2E-003
	Nickel	154	mg/kg	154	mg/kg	Route	7.5E-005	mg/kg-day	2.0E-002	mg/kg-day	--	--	3.8E-003
	Silver	22	mg/kg	22	mg/kg	Route	1.1E-005	mg/kg-day	5.0E-003	mg/kg-day	--	--	2.2E-003
	Thallium	7.0	mg/kg	7.0	mg/kg	Route	3.4E-006	mg/kg-day	8.0E-005	mg/kg-day	--	--	4.3E-002
	Vanadium	91	mg/kg	91	mg/kg	Route	4.5E-005	mg/kg-day	7.0E-003	mg/kg-day	--	--	6.4E-003
	Zinc	7,349	mg/kg	7,349	mg/kg	Route	3.6E-003	mg/kg-day	3.0E-001	mg/kg-day	--	--	1.2E-002
Dermal Absorption	Aroclor 1254	2,071	mg/kg	2,071	mg/kg	Route	1.9E-003	mg/kg-day	2.0E-005	mg/kg-day	--	--	9.4E+001
	Aluminum	16,818	mg/kg	16,818	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Antimony	72.6	mg/kg	72.6	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Arsenic	19.3	mg/kg	19.3	mg/kg	Route	3.7E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.2E-002
	Barium	3,527	mg/kg	3,527	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Cadmium	116	mg/kg	116	mg/kg	Route	7.5E-007	mg/kg-day	2.5E-005	mg/kg-day	--	--	3.0E-002
	Chromium	421	mg/kg	421	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Copper	9,016	mg/kg	9,016	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Iron	134,860	mg/kg	134,860	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Lead	11,219	mg/kg	11,219	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Manganese	839	mg/kg	839	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Mercury	5.00	mg/kg	5.00	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Nickel	154	mg/kg	154	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Silver	22	mg/kg	22	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Thallium	7.0	mg/kg	7.0	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Vanadium	91	mg/kg	91	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Zinc	7,349	mg/kg	7,349	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
												Total Hazard Index Across All Exposure Routes/Pathways	1.5E+002

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic.

301872

TABLE 7.7.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current/ Future
Medium: Building Dust
Exposure Medium: Building Dust
Exposure Point: Building Interior
Receptor Population: Site Worker (Indoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Ingestion	Aroclor 1254	2,071	mg/kg	2,071	mg/kg	Route	8.9E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	4.4E+001
	Aluminum	16,818	mg/kg	16,818	mg/kg	Route	7.2E-003	mg/kg-day	1.0E+000	mg/kg-day	--	--	7.2E-003
	Antimony	73	mg/kg	73	mg/kg	Route	3.1E-005	mg/kg-day	4.0E-004	mg/kg-day	--	--	7.8E-002
	Arsenic	19	mg/kg	19	mg/kg	Route	8.3E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	2.8E-002
	Barium	3,527	mg/kg	3,527	mg/kg	Route	1.5E-003	mg/kg-day	7.0E-002	mg/kg-day	--	--	2.2E-002
	Cadmium	116	mg/kg	116	mg/kg	Route	5.0E-005	mg/kg-day	1.0E-003	mg/kg-day	--	--	5.0E-002
	Chromium	421	mg/kg	421	mg/kg	Route	1.8E-004	mg/kg-day	3.0E-003	mg/kg-day	--	--	6.0E-002
	Copper	9,016	mg/kg	9,016	mg/kg	Route	3.9E-003	mg/kg-day	3.7E-002	mg/kg-day	--	--	1.0E-001
	Iron	134,860	mg/kg	134,860	mg/kg	Route	5.8E-002	mg/kg-day	3.0E-001	mg/kg-day	--	--	1.9E-001
	Lead	11,219	mg/kg	11,219	mg/kg	Route	4.8E-003	mg/kg-day	NA	N/A	--	--	--
	Manganese	839	mg/kg	839	mg/kg	Route	3.6E-004	mg/kg-day	2.3E-002	mg/kg-day	--	--	1.6E-002
	Mercury	5.0	mg/kg	5.0	mg/kg	Route	2.1E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	7.1E-003
	Nickel	154	mg/kg	154	mg/kg	Route	6.6E-005	mg/kg-day	2.0E-002	mg/kg-day	--	--	3.3E-003
	Silver	22	mg/kg	22	mg/kg	Route	9.6E-006	mg/kg-day	5.0E-003	mg/kg-day	--	--	1.9E-003
	Thallium	7.0	mg/kg	7.0	mg/kg	Route	3.0E-006	mg/kg-day	8.0E-005	mg/kg-day	--	--	3.8E-002
	Vanadium	91	mg/kg	91	mg/kg	Route	3.9E-005	mg/kg-day	7.0E-003	mg/kg-day	--	--	5.6E-003
	Zinc	7,349	mg/kg	7,349	mg/kg	Route	3.1E-003	mg/kg-day	3.0E-001	mg/kg-day	--	--	1.0E-002
Dermal Absorption	Aroclor 1254	2,071	mg/kg	2,071	mg/kg	Route	1.6E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	8.2E+000
	Aluminum	16,818	mg/kg	16,818	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Antimony	73	mg/kg	73	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Arsenic	19	mg/kg	19	mg/kg	Route	3.3E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.1E-003
	Barium	3,527	mg/kg	3,527	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Cadmium	116	mg/kg	116	mg/kg	Route	6.6E-008	mg/kg-day	2.5E-005	mg/kg-day	--	--	2.6E-003
	Chromium	421	mg/kg	421	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Copper	9,016	mg/kg	9,016	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Iron	134,860	mg/kg	134,860	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Lead	11,219	mg/kg	11,219	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Manganese	839	mg/kg	839	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Mercury	5.0	mg/kg	5.0	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Nickel	154	mg/kg	154	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Silver	22	mg/kg	22	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Thallium	7.0	mg/kg	7.0	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Vanadium	91	mg/kg	91	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Zinc	7,349	mg/kg	7,349	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
												Total Hazard Index Across All Exposure Routes/Pathways	5.3E+001

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic.

301873

TABLE 7.8.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current/ Future
Medium: All Soils
Exposure Medium: Air
Exposure Point: Indoor Air - Area A
Receptor Population: Site Worker (Indoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Inhalation	Benzene	0.001	mg/kg	0.001	mg/kg	Route	8.9E-007	mg/kg-day	1.7E-003	mg/kg-day	--	--	5.2E-004
	Trichloroethene	0.04	mg/kg	0.04	mg/kg	Route	3.3E-005	mg/kg-day	1.1E-002	mg/kg-day	--	--	2.9E-003
												Total Hazard Index Across All Exposure Routes/Pathways	3.4E-003

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic.

301874

TABLE 7.8.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current/ Future
Medium: All Soils
Exposure Medium: Air
Exposure Point: Indoor Air - Area A
Receptor Population: Site Worker (Indoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Inhalation	Benzene	0.001	mg/kg	0.001	mg/kg	Route	7.8E-007	mg/kg-day	1.7E-003	mg/kg-day	--	--	4.6E-004
	Trichloroethene	0.04	mg/kg	0.04	mg/kg	Route	2.9E-005	mg/kg-day	1.1E-002	mg/kg-day	--	--	2.5E-003
												Total Hazard Index Across All Exposure Routes/Pathways	3.0E-003

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic.

301875

TABLE 7.9.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: All Soils
Exposure Medium: Air
Exposure Point: Indoor Air - Area B
Receptor Population: Site Worker (Indoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Inhalation	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	2.2E-004	mg/kg-day	NA	NA	--	--	--
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	2.2E-004	mg/kg-day	1.7E-003	mg/kg-day			
	cis-1,2-Dichloroethene	7.1	mg/kg	7.1	mg/kg	Route	6.0E-003	mg/kg-day	NA	NA			
	Tetrachloroethylene	0.91	mg/kg	0.91	mg/kg	Route	1.3E-003	mg/kg-day	1.1E-001	mg/kg-day	--	--	1.1E-002
	Trichloroethene	8.4	mg/kg	8.4	mg/kg	Route	7.0E-003	mg/kg-day	1.1E-002	mg/kg-day	--	--	6.1E-001
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	1.5E-003	mg/kg-day	2.9E-002	mg/kg-day	--	--	5.2E-002
												Total Hazard Index Across All Exposure Routes/Pathways	6.7E-001

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic.

301876

TABLE 7.9.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: All Soils
Exposure Medium: Air
Exposure Point: Indoor Air - Area B
Receptor Population: Site Worker (Indoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Inhalation	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	1.9E-004	mg/kg-day	NA	NA	--	--	--
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	2.0E-004	mg/kg-day	1.7E-003	mg/kg-day	--	--	1.1E-001
	cis-1,2-Dichloroethene	7.1	mg/kg	7.1	mg/kg	Route	5.2E-003	mg/kg-day	NA	NA	--	--	--
	Tetrachloroethylene	0.91	mg/kg	0.91	mg/kg	Route	1.1E-003	mg/kg-day	1.1E-001	mg/kg-day	--	--	9.7E-003
	Trichloroethene	8.4	mg/kg	8.4	mg/kg	Route	6.1E-003	mg/kg-day	1.1E-002	mg/kg-day	--	--	5.3E-001
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	1.3E-003	mg/kg-day	2.9E-002	mg/kg-day	--	--	4.6E-002
												Total Hazard Index Across All Exposure Routes/Pathways	7.0E-001

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic.

301877

TABLE 7.10.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Ingestion	Benzene	0.001	mg/kg	0.001	mg/kg	Route	5.4E-010	mg/kg-day	3.0E-003	mg/kg-day	--	--	1.8E-007
	Trichloroethene	0.04	mg/kg	0.04	mg/kg	Route	2.1E-008	mg/kg-day	3.0E-004	mg/kg-day	--	--	7.2E-005
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	4.6E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	2.3E-005
	Benzo(a)anthracene	1.6	mg/kg	1.6	mg/kg	Route	8.6E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	1.3	mg/kg	1.3	mg/kg	Route	7.0E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	6.4E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	1.6	mg/kg	1.6	mg/kg	Route	8.6E-007	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	2.8E-007	mg/kg-day	NA	N/A	--	--	--
	Indeno(1,2,3-cd)pyrene	0.81	mg/kg	0.81	mg/kg	Route	4.3E-007	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	1.1E-006	mg/kg-day	NA	N/A	--	--	--
	Aldrin	2.4	mg/kg	2.4	mg/kg	Route	1.3E-008	mg/kg-day	3.0E-005	mg/kg-day	--	--	4.3E-002
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	8.6E-008	mg/kg-day	NA	N/A	--	--	--
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	7.5E-008	mg/kg-day	5.0E-004	mg/kg-day	--	--	1.5E-004
	Aroclor 1242	9.6	mg/kg	9.6	mg/kg	Route	5.2E-006	mg/kg-day	7.0E-005	mg/kg-day	--	--	7.4E-002
	Aroclor 1248	62.7	mg/kg	62.7	mg/kg	Route	3.4E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.7E+000
	Aroclor 1254	108	mg/kg	108	mg/kg	Route	5.8E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	2.9E+000
	Dieldrin	2.9	mg/kg	2.9	mg/kg	Route	1.6E-006	mg/kg-day	5.0E-005	mg/kg-day	--	--	3.1E-002
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	1.7E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	5.7E-004
	Endrin	1.8	mg/kg	1.8	mg/kg	Route	9.7E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	3.2E-003
	Heptachlor	2	mg/kg	2	mg/kg	Route	9.7E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	1.9E-003
	Heptachlor epoxide	1	mg/kg	1	mg/kg	Route	4.9E-007	mg/kg-day	1.3E-005	mg/kg-day	--	--	3.8E-002
	Total PCBs	154	mg/kg	154	mg/kg	Route	8.3E-005	mg/kg-day	NA	N/A	--	--	--
	Aluminum	13580	mg/kg	13580	mg/kg	Route	7.3E-003	mg/kg-day	1.0E+000	mg/kg-day	--	--	7.3E-003
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	1.7E-006	mg/kg-day	4.0E-004	mg/kg-day	--	--	4.3E-003
	Arsenic	21	mg/kg	21	mg/kg	Route	1.1E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	3.0E-002
	Barium	292.0	mg/kg	292.0	mg/kg	Route	1.6E-004	mg/kg-day	7.0E-002	mg/kg-day	--	--	2.2E-003
	Cadmium	12.8	mg/kg	12.8	mg/kg	Route	6.9E-006	mg/kg-day	1.0E-003	mg/kg-day	--	--	6.9E-003
	Chromium	25	mg/kg	25	mg/kg	Route	1.3E-005	mg/kg-day	3.0E-003	mg/kg-day	--	--	4.4E-003
	Copper	308	mg/kg	308	mg/kg	Route	1.7E-004	mg/kg-day	3.7E-002	mg/kg-day	--	--	4.5E-003
	Iron	25,928	mg/kg	25,928	mg/kg	Route	1.4E-002	mg/kg-day	3.0E-001	mg/kg-day	--	--	4.6E-002
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--	--	--
	Manganese	799	mg/kg	799	mg/kg	Route	4.3E-004	mg/kg-day	2.3E-002	mg/kg-day	--	--	1.9E-002
	Mercury	0.73	mg/kg	0.73	mg/kg	Route	3.9E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.3E-003
	Nickel	53.0	mg/kg	53.0	mg/kg	Route	2.8E-005	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.4E-003
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	1.5E-006	mg/kg-day	8.0E-005	mg/kg-day	--	--	1.9E-002
	Vanadium	39	mg/kg	39	mg/kg	Route	2.1E-005	mg/kg-day	7.0E-003	mg/kg-day	--	--	3.0E-003
	Cyanide	0.51	mg/kg	0.51	mg/kg	Route	2.7E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.4E-005
Dermal Absorption	Benzene	0.001	mg/kg	0.001	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Trichloroethene	0.04	mg/kg	0.04	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	5.7E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	2.9E-005
	Benzo(a)anthracene	1.6	mg/kg	1.6	mg/kg	Route	1.1E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	1.3	mg/kg	1.3	mg/kg	Route	8.7E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	8.0E-007	mg/kg-day	NA	N/A	--	--	--

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TABLE 7.10.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Benzo(k)fluoranthene	1.6	mg/kg	1.6	mg/kg	Route	1.1E-006	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	3.5E-007	mg/kg-day	NA	N/A	--	--	--
	Indeno(1,2,3-cd)pyrene	0.81	mg/kg	0.81	mg/kg	Route	5.4E-007	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aldrin	2.4	mg/kg	2.4	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aroclor 1242	9.6	mg/kg	9.6	mg/kg	Route	6.9E-006	mg/kg-day	7.0E-005	mg/kg-day	--	--	9.8E-002
	Aroclor 1248	62.7	mg/kg	62.7	mg/kg	Route	4.5E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	2.2E+000
	Aroclor 1254	108	mg/kg	108	mg/kg	Route	7.7E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	3.9E+000
	Dieldrin	2.9	mg/kg	2.9	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin	1.8	mg/kg	1.8	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor	2	mg/kg	2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor epoxide	1	mg/kg	1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Total PCBs	154	mg/kg	154	mg/kg	Route	1.1E-004	mg/kg-day	NA	N/A	--	--	--
	Aluminum	13580	mg/kg	13580	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Arsenic	21	mg/kg	21	mg/kg	Route	3.2E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.1E-002
	Barium	292.0	mg/kg	292.0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Cadmium	12.8	mg/kg	12.8	mg/kg	Route	6.6E-008	mg/kg-day	2.5E-005	mg/kg-day	--	--	2.6E-003
	Chromium	25	mg/kg	25	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Copper	308	mg/kg	308	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Iron	25,928	mg/kg	25,928	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Manganese	799	mg/kg	799	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Mercury	0.73	mg/kg	0.73	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Nickel	53.0	mg/kg	53.0	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Vanadium	39.0	mg/kg	39.0	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Cyanide	0.51	mg/kg	0.51	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
Inhalation	Benzene	0.001	mg/kg	0.001	mg/kg	Route	3.6E-009	mg/kg-day	1.7E-003	mg/kg-day	--	--	2.1E-006
	Trichloroethene	0.04	mg/kg	0.04	mg/kg	Route	1.1E-007	mg/kg-day	1.1E-002	mg/kg-day	--	--	9.8E-006
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	1.3E-007	mg/kg-day	8.6E-004	mg/kg-day	--	--	1.5E-004
	Benzo(a)anthracene	1.6	mg/kg	1.6	mg/kg	Route	1.5E-009	mg/kg-day	NA	NA	--	--	--
	Benzo(a)pyrene	1.3	mg/kg	1.3	mg/kg	Route	5.1E-010	mg/kg-day	NA	NA	--	--	--
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	2.2E-009	mg/kg-day	NA	NA	--	--	--
	Benzo(k)fluoranthene	1.6	mg/kg	1.6	mg/kg	Route	4.1E-010	mg/kg-day	NA	NA	--	--	--
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	6.3E-011	mg/kg-day	NA	NA	--	--	--
	Indeno(1,2,3-cd)pyrene	0.81	mg/kg	0.81	mg/kg	Route	1.5E-010	mg/kg-day	NA	NA	--	--	--
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	7.3E-010	mg/kg-day	NA	NA	--	--	--
	Aldrin	2.4	mg/kg	2.4	mg/kg	Route	3.0E-009	mg/kg-day	NA	NA	--	--	--
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	2.5E-009	mg/kg-day	NA	NA	--	--	--

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TABLE 7.10 RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	alpha chlordane	0.14	mg/kg	0.14	mg/kg	Route	5.3E-010	mg/kg-day	2.0E-004	mg/kg-day	--	--	2.6E-006
	Aroclor 1242	9.6	mg/kg	9.6	mg/kg	Route	1.2E-007	mg/kg-day	7.0E-005	mg/kg-day	--	--	1.8E-003
	Aroclor 1248	62.7	mg/kg	62.7	mg/kg	Route	8.1E-007	mg/kg-day	2.0E-005	mg/kg-day	--	--	4.0E-002
	Aroclor 1254	108	mg/kg	108	mg/kg	Route	1.4E-006	mg/kg-day	2.0E-005	mg/kg-day	--	--	7.0E-002
	Dieldrin	2.9	mg/kg	2.9	mg/kg	Route	1.2E-008	mg/kg-day	NA	NA	--	--	--
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	6.7E-012	mg/kg-day	NA	NA	--	--	--
	Endrin	1.8	mg/kg	1.8	mg/kg	Route	7.0E-009	mg/kg-day	NA	NA	--	--	--
	Heptachlor	2	mg/kg	2	mg/kg	Route	6.8E-009	mg/kg-day	NA	NA	--	--	--
	Heptachlor epoxide	1	mg/kg	1	mg/kg	Route	1.5E-009	mg/kg-day	NA	NA	--	--	--
	Total PCBs	154	mg/kg	154	mg/kg	Route	2.0E-006	mg/kg-day	NA	NA	--	--	--
	Aluminum	13580	mg/kg	13580	mg/kg	Route	2.9E-007	mg/kg-day	1.4E-003	mg/kg-day	--	--	2.0E-004
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	6.7E-011	mg/kg-day	NA	NA	--	--	--
	Arsenic	21	mg/kg	21	mg/kg	Route	4.4E-010	mg/kg-day	NA	NA	--	--	--
	Barium	292	mg/kg	292	mg/kg	Route	6.1E-009	mg/kg-day	1.4E-004	mg/kg-day	--	--	4.3E-005
	Cadmium	12.8	mg/kg	12.8	mg/kg	Route	2.7E-010	mg/kg-day	5.7E-005	mg/kg-day	--	--	4.7E-006
	Chromium	25	mg/kg	25	mg/kg	Route	5.2E-010	mg/kg-day	NA	NA	--	--	--
	Copper	308	mg/kg	308	mg/kg	Route	6.5E-009	mg/kg-day	NA	NA	--	--	--
	Iron	25,928	mg/kg	25,928	mg/kg	Route	5.5E-007	mg/kg-day	NA	NA	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	NA	--	--	--
	Manganese	799	mg/kg	799	mg/kg	Route	1.7E-008	mg/kg-day	1.4E-005	mg/kg-day	--	--	1.2E-003
	Mercury	0.73	mg/kg	0.73	mg/kg	Route	2.3E-006	mg/kg-day	NA	NA	--	--	--
	Nickel	53.0	mg/kg	53.0	mg/kg	Route	1.1E-009	mg/kg-day	NA	NA	--	--	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	5.9E-011	mg/kg-day	NA	NA	--	--	--
	Vanadium	39	mg/kg	39	mg/kg	Route	8.2E-010	mg/kg-day	NA	NA	--	--	--
	Cyanide	0.51	mg/kg	0.51	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
												Total Hazard Index Across All Exposure Routes/Pathways	1.1E+001

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic

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TABLE 7.10.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Ingestion	Benzene	0.001	mg/kg	0.001	mg/kg	Route	1.3E-010	mg/kg-day	3.0E-003	mg/kg-day	--	--	4.5E-008
	Trichloroethene	0.04	mg/kg	0.04	mg/kg	Route	5.4E-009	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.8E-005
	2-Methylnaphthalene	0.9	mg/kg	0.9	mg/kg	Route	1.2E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	5.8E-006
	Benzo(a)anthracene	1.6	mg/kg	1.6	mg/kg	Route	2.1E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	1.3	mg/kg	1.3	mg/kg	Route	1.7E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	1.6E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	1.6	mg/kg	1.6	mg/kg	Route	2.1E-007	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	7.1E-008	mg/kg-day	NA	N/A	--	--	--
	Indeno(1,2,3-cd)pyrene	0.81	mg/kg	0.81	mg/kg	Route	1.1E-007	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	2.0	mg/kg	2.0	mg/kg	Route	2.7E-007	mg/kg-day	NA	N/A	--	--	--
	Aldrin	2.4	mg/kg	2.4	mg/kg	Route	3.2E-007	mg/kg-day	3.0E-005	mg/kg-day	--	--	1.1E-002
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	2.1E-008	mg/kg-day	NA	N/A	--	--	--
	alpha-chlordane	0.1	mg/kg	0.1	mg/kg	Route	1.9E-008	mg/kg-day	5.0E-004	mg/kg-day	--	--	3.8E-005
	Aroclor 1242	9.6	mg/kg	9.6	mg/kg	Route	1.3E-006	mg/kg-day	7.0E-005	mg/kg-day	--	--	1.8E-002
	Aroclor 1248	62.7	mg/kg	62.7	mg/kg	Route	8.4E-006	mg/kg-day	2.0E-005	mg/kg-day	--	--	4.2E-001
	Aroclor 1254	108.0	mg/kg	108.0	mg/kg	Route	1.4E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	7.2E-001
	Dieldrin	2.9	mg/kg	2.9	mg/kg	Route	3.9E-007	mg/kg-day	5.0E-005	mg/kg-day	--	--	7.8E-003
	Endosulfan sulfate	0.3	mg/kg	0.3	mg/kg	Route	4.3E-008	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.4E-004
	Endrin	2	mg/kg	2	mg/kg	Route	2.4E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	8.0E-004
	Heptachlor	2	mg/kg	2	mg/kg	Route	2.4E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	4.8E-004
	Heptachlor epoxide	1	mg/kg	1	mg/kg	Route	1.2E-007	mg/kg-day	1.3E-005	mg/kg-day	--	--	9.4E-003
	Total PCBs	154	mg/kg	154	mg/kg	Route	2.1E-005	mg/kg-day	NA	N/A	--	--	--
	Aluminum	13580	mg/kg	13580	mg/kg	Route	1.8E-003	mg/kg-day	1.0E+000	mg/kg-day	--	--	1.8E-003
	Antimony	3	mg/kg	3	mg/kg	Route	4.3E-007	mg/kg-day	4.0E-004	mg/kg-day	--	--	1.1E-003
	Arsenic	21	mg/kg	21	mg/kg	Route	2.8E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	9.4E-003
	Barium	292	mg/kg	292	mg/kg	Route	3.9E-005	mg/kg-day	7.0E-002	mg/kg-day	--	--	5.6E-004
	Cadmium	13	mg/kg	13	mg/kg	Route	1.7E-006	mg/kg-day	1.0E-003	mg/kg-day	--	--	1.7E-003
	Chromium	25	mg/kg	25	mg/kg	Route	3.3E-006	mg/kg-day	3.0E-003	mg/kg-day	--	--	1.1E-003
	Copper	308	mg/kg	308	mg/kg	Route	4.1E-005	mg/kg-day	3.7E-002	mg/kg-day	--	--	1.1E-003
	Iron	25,928	mg/kg	25,928	mg/kg	Route	3.5E-003	mg/kg-day	3.0E-001	mg/kg-day	--	--	1.2E-002
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--	--	--
	Manganese	799	mg/kg	799	mg/kg	Route	1.1E-004	mg/kg-day	2.3E-002	mg/kg-day	--	--	4.7E-003
	Mercury	0.73	mg/kg	0.73	mg/kg	Route	9.8E-008	mg/kg-day	3.0E-004	mg/kg-day	--	--	3.3E-004
	Nickel	53	mg/kg	53	mg/kg	Route	7.1E-006	mg/kg-day	2.0E-002	mg/kg-day	--	--	3.6E-004
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	3.8E-007	mg/kg-day	8.0E-005	mg/kg-day	--	--	4.7E-003
	Vanadium	39	mg/kg	39	mg/kg	Route	5.2E-006	mg/kg-day	7.0E-003	mg/kg-day	--	--	7.5E-004
	Cyanide	0.51	mg/kg	0.51	mg/kg	Route	6.8E-008	mg/kg-day	2.0E-002	mg/kg-day	--	--	3.4E-006
Dermal Absorption	Benzene	0.001	mg/kg	0.001	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Trichloroethene	0.04	mg/kg	0.04	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	2-Methylnaphthalene	0.9	mg/kg	0.9	mg/kg	Route	5.7E-008	mg/kg-day	2.0E-002	mg/kg-day	--	--	2.9E-006
	Benzo(a)anthracene	1.6	mg/kg	1.6	mg/kg	Route	1.1E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	1.3	mg/kg	1.3	mg/kg	Route	8.7E-008	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	8.0E-008	mg/kg-day	NA	N/A	--	--	--

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TABLE 7.10.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Benzo(k)fluoranthene	1.6	mg/kg	1.6	mg/kg	Route	1.1E-007	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	3.5E-008	mg/kg-day	NA	N/A	--	--	--
	Indeno(1,2,3-cd)pyrene	0.81	mg/kg	0.81	mg/kg	Route	5.4E-008	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	2.0	mg/kg	2.0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aldrin	2.4	mg/kg	2.4	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-chlordane	0.1	mg/kg	0.1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aroclor 1242	9.6	mg/kg	9.6	mg/kg	Route	6.9E-007	mg/kg-day	7.0E-005	mg/kg-day	--	--	9.8E-003
	Aroclor 1248	62.7	mg/kg	62.7	mg/kg	Route	4.5E-006	mg/kg-day	2.0E-005	mg/kg-day	--	--	2.2E-001
	Aroclor 1254	108.0	mg/kg	108.0	mg/kg	Route	7.7E-006	mg/kg-day	2.0E-005	mg/kg-day	--	--	3.9E-001
	Dieldrin	2.9	mg/kg	2.9	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endosulfan sulfate	0.3	mg/kg	0.3	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin	2	mg/kg	2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor	2	mg/kg	2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor epoxide	1	mg/kg	1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Total PCBs	154	mg/kg	154	mg/kg	Route	1.1E-005	mg/kg-day	NA	N/A	--	--	--
	Aluminum	13580	mg/kg	13580	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Antimony	3	mg/kg	3	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Arsenic	21	mg/kg	21	mg/kg	Route	3.2E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.1E-003
	Barium	292	mg/kg	292	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Cadmium	13	mg/kg	13	mg/kg	Route	6.6E-009	mg/kg-day	2.5E-005	mg/kg-day	--	--	2.6E-004
	Chromium	25	mg/kg	25	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Copper	308	mg/kg	308	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Iron	25,928	mg/kg	25,928	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Manganese	799	mg/kg	799	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Mercury	0.73	mg/kg	0.73	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Nickel	53	mg/kg	53	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Vanadium	39	mg/kg	39	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Cyanide	0.51	mg/kg	0.51	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
Inhalation	Benzene	0.001	mg/kg	0.001	mg/kg	Route	7.5E-010	mg/kg-day	1.7E-003	mg/kg-day	--	--	4.4E-007
	Trichloroethene	0.04	mg/kg	0.04	mg/kg	Route	2.3E-008	mg/kg-day	1.1E-002	mg/kg-day	--	--	2.0E-006
	2-Methylnaphthalene	0.9	mg/kg	0.9	mg/kg	Route	2.7E-008	mg/kg-day	8.6E-004	mg/kg-day	--	--	3.2E-005
	Benzo(a)anthracene	1.6	mg/kg	1.6	mg/kg	Route	3.2E-010	mg/kg-day	NA	NA	--	--	--
	Benzo(a)pyrene	1.3	mg/kg	1.3	mg/kg	Route	1.1E-010	mg/kg-day	NA	NA	--	--	--
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	4.6E-010	mg/kg-day	NA	NA	--	--	--
	Benzo(k)fluoranthene	1.6	mg/kg	1.6	mg/kg	Route	8.6E-011	mg/kg-day	NA	NA	--	--	--
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	1.3E-011	mg/kg-day	NA	NA	--	--	--
	Indeno(1,2,3-cd)pyrene	0.81	mg/kg	0.81	mg/kg	Route	3.1E-011	mg/kg-day	NA	NA	--	--	--
	4,4'-DDE	2.0	mg/kg	2.0	mg/kg	Route	1.5E-010	mg/kg-day	NA	NA	--	--	--
	Aldrin	2.4	mg/kg	2.4	mg/kg	Route	6.2E-010	mg/kg-day	NA	NA	--	--	--
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	5.2E-010	mg/kg-day	NA	NA	--	--	--

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TABLE 7.10.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	alpha-chlordane	0.1	mg/kg	0.1	mg/kg	Route	1.1E-010	mg/kg-day	2.0E-004	mg/kg-day	--	--	5.5E-007
	Aroclor 1242	9.6	mg/kg	9.6	mg/kg	Route	2.6E-008	mg/kg-day	7.0E-005	mg/kg-day	--	--	3.7E-004
	Aroclor 1248	62.7	mg/kg	62.7	mg/kg	Route	1.7E-007	mg/kg-day	2.0E-005	mg/kg-day	--	--	8.4E-003
	Aroclor 1254	108.0	mg/kg	108.0	mg/kg	Route	2.9E-007	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.4E-002
	Dieldrin	2.9	mg/kg	2.9	mg/kg	Route	2.4E-009	mg/kg-day	NA	NA	--	--	--
	Endosulfan sulfate	0.3	mg/kg	0.3	mg/kg	Route	1.4E-012	mg/kg-day	NA	NA	--	--	--
	Endrin	2	mg/kg	2	mg/kg	Route	1.5E-009	mg/kg-day	NA	NA	--	--	--
	Heptachlor	2	mg/kg	2	mg/kg	Route	1.4E-009	mg/kg-day	NA	NA	--	--	--
	Heptachlor epoxide	1	mg/kg	1	mg/kg	Route	3.2E-010	mg/kg-day	NA	NA	--	--	--
	Total PCBs	154	mg/kg	154	mg/kg	Route	4.1E-007	mg/kg-day	NA	NA	--	--	--
	Aluminum	13580	mg/kg	13580	mg/kg	Route	6.0E-008	mg/kg-day	1.4E-003	mg/kg-day	--	--	4.2E-005
	Antimony	3	mg/kg	3	mg/kg	Route	1.4E-011	mg/kg-day	NA	NA	--	--	--
	Arsenic	21	mg/kg	21	mg/kg	Route	9.2E-011	mg/kg-day	NA	NA	--	--	--
	Barium	292	mg/kg	292	mg/kg	Route	1.3E-009	mg/kg-day	1.4E-004	mg/kg-day	--	--	9.0E-006
	Cadmium	13	mg/kg	13	mg/kg	Route	5.6E-011	mg/kg-day	5.7E-005	mg/kg-day	--	--	9.8E-007
	Chromium	25	mg/kg	25	mg/kg	Route	1.1E-010	mg/kg-day	NA	NA	--	--	--
	Copper	308	mg/kg	308	mg/kg	Route	1.4E-009	mg/kg-day	NA	NA	--	--	--
	Iron	25,928	mg/kg	25,928	mg/kg	Route	1.1E-007	mg/kg-day	NA	NA	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	NA	--	--	--
	Manganese	799	mg/kg	799	mg/kg	Route	3.5E-009	mg/kg-day	1.4E-005	mg/kg-day	--	--	2.4E-004
	Mercury	0.73	mg/kg	0.73	mg/kg	Route	4.9E-007	mg/kg-day	NA	NA	--	--	--
	Nickel	53	mg/kg	53	mg/kg	Route	2.3E-010	mg/kg-day	NA	NA	--	--	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	1.2E-011	mg/kg-day	NA	NA	--	--	--
	Vanadium	39	mg/kg	39	mg/kg	Route	1.7E-010	mg/kg-day	NA	NA	--	--	--
	Cyanide	0.51	mg/kg	0.51	mg/kg	Route	2.2E-012	mg/kg-day	NA	NA	--	--	--
												Total Hazard Index Across All Exposure Routes/Pathways	1.9E+000

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic

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TABLE 7.11.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Ingestion	Benzene	0.001	mg/kg	0.001	mg/kg	Route	5.4E-010	mg/kg-day	3.0E-003	mg/kg-day	--	--	1.8E-007
	Trichloroethene	0.027	mg/kg	0.027	mg/kg	Route	1.4E-008	mg/kg-day	3.0E-004	mg/kg-day	--	--	4.8E-005
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	4.6E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	2.3E-005
	Benzo(a)anthracene	0.8	mg/kg	0.8	mg/kg	Route	4.3E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	0.85	mg/kg	0.85	mg/kg	Route	4.6E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	6.4E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	0.71	mg/kg	0.71	mg/kg	Route	3.8E-007	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	2.8E-007	mg/kg-day	NA	N/A	--	--	--
	Indeno(1,2,3-cd)pyrene	0.65	mg/kg	0.65	mg/kg	Route	3.5E-007	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	1.1E-006	mg/kg-day	NA	N/A	--	--	--
	Aldrin	1.3	mg/kg	1.3	mg/kg	Route	7.0E-007	mg/kg-day	3.0E-005	mg/kg-day	--	--	2.3E-002
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	8.6E-008	mg/kg-day	NA	N/A	--	--	--
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	7.5E-008	mg/kg-day	5.0E-004	mg/kg-day	--	--	1.5E-004
	Aroclor 1242	4.2	mg/kg	4.2	mg/kg	Route	2.3E-006	mg/kg-day	7.0E-005	mg/kg-day	--	--	3.2E-002
	Aroclor 1248	11	mg/kg	11	mg/kg	Route	5.9E-006	mg/kg-day	2.0E-005	mg/kg-day	--	--	3.0E-001
	Aroclor 1254	80	mg/kg	80	mg/kg	Route	4.3E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	2.1E+000
	Dieldrin	0.26	mg/kg	0.26	mg/kg	Route	1.4E-007	mg/kg-day	5.0E-005	mg/kg-day	--	--	2.8E-003
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	1.7E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	5.7E-004
	Endrin	0.4	mg/kg	0.4	mg/kg	Route	2.3E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	7.7E-004
	Heptachlor	0.1	mg/kg	0.1	mg/kg	Route	6.4E-008	mg/kg-day	5.0E-004	mg/kg-day	--	--	1.3E-004
	Heptachlor epoxide	1	mg/kg	1	mg/kg	Route	4.9E-007	mg/kg-day	1.3E-005	mg/kg-day	--	--	3.8E-002
	Total PCBs	122	mg/kg	122	mg/kg	Route	6.5E-005	mg/kg-day	NA	N/A	--	--	--
	Aluminum	12135	mg/kg	12135	mg/kg	Route	6.5E-003	mg/kg-day	1.0E+000	mg/kg-day	--	--	6.5E-003
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	1.7E-006	mg/kg-day	4.0E-004	mg/kg-day	--	--	4.3E-003
	Arsenic	21	mg/kg	21	mg/kg	Route	1.1E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	3.8E-002
	Barium	292	mg/kg	292	mg/kg	Route	1.6E-004	mg/kg-day	7.0E-002	mg/kg-day	--	--	2.2E-003
	Cadmium	7.6	mg/kg	7.6	mg/kg	Route	4.1E-006	mg/kg-day	1.0E-003	mg/kg-day	--	--	4.1E-003
	Chromium	25	mg/kg	25	mg/kg	Route	1.3E-005	mg/kg-day	3.0E-003	mg/kg-day	--	--	4.5E-003
	Copper	308	mg/kg	308	mg/kg	Route	1.7E-004	mg/kg-day	3.7E-002	mg/kg-day	--	--	4.5E-003
	Iron	25,928	mg/kg	25,928	mg/kg	Route	1.4E-002	mg/kg-day	3.0E-001	mg/kg-day	--	--	4.6E-002
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--	--	--
	Manganese	799	mg/kg	799	mg/kg	Route	4.3E-004	mg/kg-day	2.3E-002	mg/kg-day	--	--	1.9E-002
	Mercury	0.21	mg/kg	0.21	mg/kg	Route	1.1E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	3.8E-004
	Nickel	42.0	mg/kg	42.0	mg/kg	Route	2.3E-005	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.1E-003
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	1.5E-006	mg/kg-day	8.0E-005	mg/kg-day	--	--	1.9E-002
	Vanadium	28.0	mg/kg	28.0	mg/kg	Route	1.5E-005	mg/kg-day	7.0E-003	mg/kg-day	--	--	2.1E-003
	Cyanide	0.2	mg/kg	0.2	mg/kg	Route	1.1E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	5.4E-006
Dermal Absorption	Benzene	0.001	mg/kg	0.001	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Trichloroethene	0.027	mg/kg	0.027	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	5.7E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	2.9E-005
	Benzo(a)anthracene	0.8	mg/kg	0.8	mg/kg	Route	5.3E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	0.85	mg/kg	0.85	mg/kg	Route	5.7E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	8.0E-007	mg/kg-day	NA	N/A	--	--	--

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TABLE 7.11.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Benzo(k)fluoranthene	0.71	mg/kg	0.71	mg/kg	Route	4.7E-007	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	3.5E-007	mg/kg-day	NA	N/A	--	--	--
	Indeno(1,2,3-cd)pyrene	0.65	mg/kg	0.65	mg/kg	Route	4.3E-007	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aldrin	1.3	mg/kg	1.3	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aroclor 1242	4.2	mg/kg	4.2	mg/kg	Route	3.0E-006	mg/kg-day	7.0E-005	mg/kg-day	--	--	4.3E-002
	Aroclor 1248	11	mg/kg	11	mg/kg	Route	7.9E-006	mg/kg-day	2.0E-005	mg/kg-day	--	--	3.9E-001
	Aroclor 1254	80	mg/kg	80	mg/kg	Route	5.7E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	2.9E+000
	Dieldrin	0.26	mg/kg	0.26	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin	0.4	mg/kg	0.4	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor	0.1	mg/kg	0.1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor epoxide	1	mg/kg	1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Total PCBs	122	mg/kg	122	mg/kg	Route	8.7E-005	mg/kg-day	NA	N/A	--	--	--
	Aluminum	12135	mg/kg	12135	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Arsenic	21	mg/kg	21	mg/kg	Route	3.2E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.1E-002
	Barium	292	mg/kg	292	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Cadmium	7.6	mg/kg	7.6	mg/kg	Route	3.9E-008	mg/kg-day	2.5E-005	mg/kg-day	--	--	1.6E-003
	Chromium	25	mg/kg	25	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Copper	308	mg/kg	308	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Iron	25,928	mg/kg	25,928	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Manganese	799	mg/kg	799	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Mercury	0.21	mg/kg	0.21	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Nickel	42.0	mg/kg	42.0	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Vanadium	28.0	mg/kg	28.0	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Cyanide	0.2	mg/kg	0.2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
Inhalation	Benzene	0.001	mg/kg	0.001	mg/kg	Route	3.6E-009	mg/kg-day	1.7E-003	mg/kg-day	--	--	2.1E-006
	Trichloroethene	0.027	mg/kg	0.027	mg/kg	Route	7.6E-008	mg/kg-day	1.1E-002	mg/kg-day	--	--	6.6E-006
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	1.3E-007	mg/kg-day	8.6E-004	mg/kg-day	--	--	1.5E-004
	Benzo(a)anthracene	0.8	mg/kg	0.8	mg/kg	Route	7.6E-010	mg/kg-day	NA	NA	--	--	--
	Benzo(a)pyrene	0.85	mg/kg	0.85	mg/kg	Route	3.3E-010	mg/kg-day	NA	NA	--	--	--
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	2.2E-009	mg/kg-day	NA	NA	--	--	--
	Benzo(k)fluoranthene	0.71	mg/kg	0.71	mg/kg	Route	1.8E-010	mg/kg-day	NA	NA	--	--	--
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	6.3E-011	mg/kg-day	NA	NA	--	--	--
	Indeno(1,2,3-cd)pyrene	0.65	mg/kg	0.65	mg/kg	Route	1.2E-010	mg/kg-day	NA	NA	--	--	--
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	7.3E-010	mg/kg-day	NA	NA	--	--	--
	Aldrin	1.3	mg/kg	1.3	mg/kg	Route	1.6E-009	mg/kg-day	NA	NA	--	--	--
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	2.5E-009	mg/kg-day	NA	NA	--	--	--

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TABLE 7.11.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	5.3E-010	mg/kg-day	2.0E-004	mg/kg-day	--	--	2.6E-006
	Aroclor 1242	4.2	mg/kg	4.2	mg/kg	Route	5.4E-008	mg/kg-day	7.0E-005	mg/kg-day	--	--	7.7E-004
	Aroclor 1248	11	mg/kg	11	mg/kg	Route	1.4E-007	mg/kg-day	2.0E-005	mg/kg-day	--	--	7.1E-003
	Aroclor 1254	80	mg/kg	80	mg/kg	Route	1.0E-006	mg/kg-day	2.0E-005	mg/kg-day	--	--	5.2E-002
	Dieldrin	0.26	mg/kg	0.26	mg/kg	Route	1.0E-009	mg/kg-day	NA	NA	--	--	--
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	6.7E-012	mg/kg-day	NA	NA	--	--	--
	Endrin	0.4	mg/kg	0.4	mg/kg	Route	1.7E-009	mg/kg-day	NA	NA	--	--	--
	Heptachlor	0.1	mg/kg	0.1	mg/kg	Route	4.5E-010	mg/kg-day	NA	NA	--	--	--
	Heptachlor epoxide	1	mg/kg	1	mg/kg	Route	1.5E-009	mg/kg-day	NA	NA	--	--	--
	Total PCBs	122	mg/kg	122	mg/kg	Route	1.6E-006	mg/kg-day	NA	NA	--	--	--
	Aluminum	12135	mg/kg	12135	mg/kg	Route	2.6E-007	mg/kg-day	1.4E-003	mg/kg-day	--	--	1.8E-004
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	6.7E-011	mg/kg-day	NA	NA	--	--	--
	Arsenic	21	mg/kg	21	mg/kg	Route	4.4E-010	mg/kg-day	NA	NA	--	--	--
	Barium	292	mg/kg	292	mg/kg	Route	6.1E-009	mg/kg-day	1.4E-004	mg/kg-day	--	--	4.3E-005
	Cadmium	7.6	mg/kg	7.6	mg/kg	Route	1.6E-010	mg/kg-day	5.7E-005	mg/kg-day	--	--	2.8E-006
	Chromium	25	mg/kg	25	mg/kg	Route	5.3E-010	mg/kg-day	NA	NA	--	--	--
	Copper	308	mg/kg	308	mg/kg	Route	6.5E-009	mg/kg-day	NA	NA	--	--	--
	Iron	25,928	mg/kg	25,928	mg/kg	Route	5.5E-007	mg/kg-day	NA	NA	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	NA	--	--	--
	Manganese	799	mg/kg	799	mg/kg	Route	1.7E-008	mg/kg-day	1.4E-005	mg/kg-day	--	--	1.2E-003
	Mercury	0.21	mg/kg	0.21	mg/kg	Route	6.7E-007	mg/kg-day	NA	NA	--	--	--
	Nickel	42.0	mg/kg	42.0	mg/kg	Route	8.8E-010	mg/kg-day	NA	NA	--	--	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	5.9E-011	mg/kg-day	NA	NA	--	--	--
	Vanadium	28.0	mg/kg	28.0	mg/kg	Route	5.9E-010	mg/kg-day	NA	NA	--	--	--
	Cyanide	0.2	mg/kg	0.2	mg/kg	Route	4.2E-012	mg/kg-day	NA	NA	--	--	--
												Total Hazard Index Across All Exposure Routes/Pathways	6.1E+000

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic.

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TABLE 7.11.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Ingestion	Benzene	0.001	mg/kg	0.001	mg/kg	Route	1.3E-010	mg/kg-day	3.0E-003	mg/kg-day	--	--	4.5E-008
	Trichloroethene	0.027	mg/kg	0.027	mg/kg	Route	3.6E-009	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.2E-005
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	1.2E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	5.8E-006
	Benzo(a)anthracene	0.8	mg/kg	0.8	mg/kg	Route	1.1E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	0.9	mg/kg	0.9	mg/kg	Route	1.1E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	1.6E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	0.71	mg/kg	0.71	mg/kg	Route	9.5E-008	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	7.1E-008	mg/kg-day	NA	N/A	--	--	--
	Indeno(1,2,3-cd)pyrene	0.65	mg/kg	0.65	mg/kg	Route	8.7E-008	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	2.0	mg/kg	2.0	mg/kg	Route	2.7E-007	mg/kg-day	NA	N/A	--	--	--
	Aldrin	1.3	mg/kg	1.3	mg/kg	Route	1.7E-007	mg/kg-day	3.0E-005	mg/kg-day	--	--	5.8E-003
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	2.1E-008	mg/kg-day	NA	N/A	--	--	--
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	1.9E-008	mg/kg-day	5.0E-004	mg/kg-day	--	--	3.8E-005
	Aroclor 1242	4.2	mg/kg	4.2	mg/kg	Route	5.6E-007	mg/kg-day	7.0E-005	mg/kg-day	--	--	8.0E-003
	Aroclor 1248	11	mg/kg	11	mg/kg	Route	1.5E-006	mg/kg-day	2.0E-005	mg/kg-day	--	--	7.4E-002
	Aroclor 1254	80	mg/kg	80	mg/kg	Route	1.1E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	5.4E-001
	Dieldrin	0.26	mg/kg	0.26	mg/kg	Route	3.5E-008	mg/kg-day	5.0E-005	mg/kg-day	--	--	7.0E-004
	Endosulfan sulfate	0.3	mg/kg	0.3	mg/kg	Route	4.3E-008	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.4E-004
	Endrin	0	mg/kg	0	mg/kg	Route	5.8E-008	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.9E-004
	Heptachlor	0	mg/kg	0	mg/kg	Route	1.6E-008	mg/kg-day	5.0E-004	mg/kg-day	--	--	3.2E-005
	Heptachlor epoxide	1	mg/kg	1	mg/kg	Route	1.2E-007	mg/kg-day	1.3E-005	mg/kg-day	--	--	9.4E-003
	Total PCBs	122	mg/kg	122	mg/kg	Route	1.6E-005	mg/kg-day	NA	N/A	--	--	--
	Aluminum	12135	mg/kg	12135	mg/kg	Route	1.6E-003	mg/kg-day	1.0E+000	mg/kg-day	--	--	1.6E-003
	Antimony	3	mg/kg	3	mg/kg	Route	4.3E-007	mg/kg-day	4.0E-004	mg/kg-day	--	--	1.1E-003
	Arsenic	21	mg/kg	21	mg/kg	Route	2.8E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	9.4E-003
	Barium	292.0	mg/kg	292.0	mg/kg	Route	3.9E-005	mg/kg-day	7.0E-002	mg/kg-day	--	--	5.6E-004
	Cadmium	8	mg/kg	8	mg/kg	Route	1.0E-006	mg/kg-day	1.0E-003	mg/kg-day	--	--	1.0E-003
	Chromium	25	mg/kg	25	mg/kg	Route	3.4E-006	mg/kg-day	3.0E-003	mg/kg-day	--	--	1.1E-003
	Copper	308	mg/kg	308	mg/kg	Route	4.1E-005	mg/kg-day	3.7E-002	mg/kg-day	--	--	1.1E-003
	Iron	25,928	mg/kg	25,928	mg/kg	Route	3.5E-003	mg/kg-day	3.0E-001	mg/kg-day	--	--	1.2E-002
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--	--	--
	Manganese	799	mg/kg	799	mg/kg	Route	1.1E-004	mg/kg-day	2.3E-002	mg/kg-day	--	--	4.7E-003
	Mercury	0.21	mg/kg	0.21	mg/kg	Route	2.8E-008	mg/kg-day	3.0E-004	mg/kg-day	--	--	9.4E-005
	Nickel	42	mg/kg	42	mg/kg	Route	5.6E-006	mg/kg-day	2.0E-002	mg/kg-day	--	--	2.8E-004
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	3.8E-007	mg/kg-day	8.0E-005	mg/kg-day	--	--	4.7E-003
	Vanadium	28	mg/kg	28	mg/kg	Route	3.8E-006	mg/kg-day	7.0E-003	mg/kg-day	--	--	5.4E-004
	Cyanide	0.2	mg/kg	0.2	mg/kg	Route	2.7E-008	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.3E-006
Dermal Absorption	Benzene	0.001	mg/kg	0.001	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Trichloroethene	0.027	mg/kg	0.027	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	5.7E-008	mg/kg-day	2.0E-002	mg/kg-day	--	--	2.9E-006
	Benzo(a)anthracene	0.8	mg/kg	0.8	mg/kg	Route	5.3E-008	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	0.9	mg/kg	0.9	mg/kg	Route	5.7E-008	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	8.0E-008	mg/kg-day	NA	N/A	--	--	--

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TABLE 7.11.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Benzo(k)fluoranthene	0.71	mg/kg	0.71	mg/kg	Route	4.7E-008	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	3.5E-008	mg/kg-day	NA	N/A	--	--	--
	Indeno(1,2,3-cd)pyrene	0.65	mg/kg	0.65	mg/kg	Route	4.3E-008	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	2.0	mg/kg	2.0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aldrin	1.3	mg/kg	1.3	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aroclor 1242	4.2	mg/kg	4.2	mg/kg	Route	3.0E-007	mg/kg-day	7.0E-005	mg/kg-day	--	--	4.3E-003
	Aroclor 1248	11	mg/kg	11	mg/kg	Route	7.9E-007	mg/kg-day	2.0E-005	mg/kg-day	--	--	3.9E-002
	Aroclor 1254	80	mg/kg	80	mg/kg	Route	5.7E-006	mg/kg-day	2.0E-005	mg/kg-day	--	--	2.9E-001
	Dieldrin	0.26	mg/kg	0.26	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endosulfan sulfate	0.3	mg/kg	0.3	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor epoxide	1	mg/kg	1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Total PCBs	122	mg/kg	122	mg/kg	Route	8.7E-006	mg/kg-day	NA	N/A	--	--	--
	Aluminum	12135	mg/kg	12135	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Antimony	3	mg/kg	3	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Arsenic	21	mg/kg	21	mg/kg	Route	3.2E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.1E-003
	Barium	292.0	mg/kg	292.0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Cadmium	8	mg/kg	8	mg/kg	Route	3.9E-009	mg/kg-day	2.5E-005	mg/kg-day	--	--	1.6E-004
	Chromium	25	mg/kg	25	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Copper	308	mg/kg	308	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Iron	25,928	mg/kg	25,928	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Manganese	799	mg/kg	799	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Mercury	0.21	mg/kg	0.21	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Nickel	42	mg/kg	42	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Vanadium	28	mg/kg	28	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Cyanide	0.2	mg/kg	0.2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
Inhalation	Benzene	0.001	mg/kg	0.001	mg/kg	Route	7.5E-010	mg/kg-day	1.7E-003	mg/kg-day	--	--	4.4E-007
	Trichloroethene	0.027	mg/kg	0.027	mg/kg	Route	1.6E-008	mg/kg-day	1.1E-002	mg/kg-day	--	--	1.4E-006
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	2.7E-008	mg/kg-day	8.6E-004	mg/kg-day	--	--	3.2E-005
	Benzo(a)anthracene	0.8	mg/kg	0.8	mg/kg	Route	1.6E-010	mg/kg-day	NA	NA	--	--	--
	Benzo(a)pyrene	0.9	mg/kg	0.9	mg/kg	Route	7.0E-011	mg/kg-day	NA	NA	--	--	--
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	4.6E-010	mg/kg-day	NA	NA	--	--	--
	Benzo(k)fluoranthene	0.71	mg/kg	0.71	mg/kg	Route	3.8E-011	mg/kg-day	NA	NA	--	--	--
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	1.3E-011	mg/kg-day	NA	NA	--	--	--
	Indeno(1,2,3-cd)pyrene	0.65	mg/kg	0.65	mg/kg	Route	2.5E-011	mg/kg-day	NA	NA	--	--	--
	4,4'-DDE	2.0	mg/kg	2.0	mg/kg	Route	1.5E-010	mg/kg-day	NA	NA	--	--	--
	Aldrin	1.3	mg/kg	1.3	mg/kg	Route	3.4E-010	mg/kg-day	NA	NA	--	--	--
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	5.2E-010	mg/kg-day	NA	NA	--	--	--

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TABLE 7.11.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	1.1E-010	mg/kg-day	2.0E-004	mg/kg-day	--	--	5.5E-007
	Aroclor 1242	4.2	mg/kg	4.2	mg/kg	Route	1.1E-008	mg/kg-day	7.0E-005	mg/kg-day	--	--	1.6E-004
	Aroclor 1248	11	mg/kg	11	mg/kg	Route	3.0E-008	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.5E-003
	Aroclor 1254	80	mg/kg	80	mg/kg	Route	2.1E-007	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.1E-002
	Dieldrin	0.26	mg/kg	0.26	mg/kg	Route	2.2E-010	mg/kg-day	NA	NA	--	--	--
	Endosulfan sulfate	0.3	mg/kg	0.3	mg/kg	Route	1.4E-012	mg/kg-day	NA	NA	--	--	--
	Endrin	0	mg/kg	0	mg/kg	Route	3.5E-010	mg/kg-day	NA	NA	--	--	--
	Heptachlor	0	mg/kg	0	mg/kg	Route	9.5E-011	mg/kg-day	NA	NA	--	--	--
	Heptachlor epoxide	1	mg/kg	1	mg/kg	Route	3.2E-010	mg/kg-day	NA	NA	--	--	--
	Total PCBs	122	mg/kg	122	mg/kg	Route	3.3E-007	mg/kg-day	NA	NA	--	--	--
	Aluminum	12135	mg/kg	12135	mg/kg	Route	5.3E-008	mg/kg-day	1.4E-003	mg/kg-day	--	--	3.7E-005
	Antimony	3	mg/kg	3	mg/kg	Route	1.4E-011	mg/kg-day	NA	NA	--	--	--
	Arsenic	21	mg/kg	21	mg/kg	Route	9.2E-011	mg/kg-day	NA	NA	--	--	--
	Barium	292.0	mg/kg	292.0	mg/kg	Route	1.3E-009	mg/kg-day	1.4E-004	mg/kg-day	--	--	9.0E-006
	Cadmium	8	mg/kg	8	mg/kg	Route	3.3E-011	mg/kg-day	5.7E-005	mg/kg-day	--	--	5.8E-007
	Chromium	25	mg/kg	25	mg/kg	Route	1.1E-010	mg/kg-day	NA	NA	--	--	--
	Copper	308	mg/kg	308	mg/kg	Route	1.4E-009	mg/kg-day	NA	NA	--	--	--
	Iron	25,928	mg/kg	25,928	mg/kg	Route	1.1E-007	mg/kg-day	NA	NA	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	NA	--	--	--
	Manganese	799	mg/kg	799	mg/kg	Route	3.5E-009	mg/kg-day	1.4E-005	mg/kg-day	--	--	2.4E-004
	Mercury	0.21	mg/kg	0.21	mg/kg	Route	1.4E-007	mg/kg-day	NA	NA	--	--	--
	Nickel	42	mg/kg	42	mg/kg	Route	1.8E-010	mg/kg-day	NA	NA	--	--	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	1.2E-011	mg/kg-day	NA	NA	--	--	--
	Vanadium	28	mg/kg	28	mg/kg	Route	1.2E-010	mg/kg-day	NA	NA	--	--	--
	Cyanide	0.2	mg/kg	0.2	mg/kg	Route	8.8E-013	mg/kg-day	NA	NA	--	--	--
												Total Hazard Index Across All Exposure Routes/Pathways	1.0E+000

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic.

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TABLE 7.12.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Ingestion	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	4.3E-008	mg/kg-day	9.0E-003	mg/kg-day	--	--	4.8E-006
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	2.6E-007	mg/kg-day	9.0E-004	mg/kg-day	--	--	2.9E-004
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	1.3E-007	mg/kg-day	3.0E-003	mg/kg-day	--	--	4.5E-005
	cis-1,2-Dichloroethene	7.1	mg/kg	7.1	mg/kg	Route	3.8E-006	mg/kg-day	1.0E-002	mg/kg-day	--	--	3.8E-004
	Tetrachloroethylene	0.91	mg/kg	0.91	mg/kg	Route	4.9E-007	mg/kg-day	1.0E-002	mg/kg-day	--	--	4.9E-005
	Trichloroethene	8.4	mg/kg	8.4	mg/kg	Route	4.5E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.5E-002
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	2.3E-007	mg/kg-day	3.0E-003	mg/kg-day	--	--	7.5E-005
	2-Methylnaphthalene	47.6	mg/kg	47.6	mg/kg	Route	2.6E-005	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.3E-003
	Acenaphthene	276	mg/kg	276	mg/kg	Route	1.5E-004	mg/kg-day	6.0E-002	mg/kg-day	--	--	2.5E-003
	Benzo(a)anthracene	111	mg/kg	111	mg/kg	Route	6.0E-005	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	84.0	mg/kg	84.0	mg/kg	Route	4.5E-005	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	28.0	mg/kg	28.0	mg/kg	Route	1.5E-005	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	63.0	mg/kg	63.0	mg/kg	Route	3.4E-005	mg/kg-day	NA	N/A	--	--	--
	Carbazole	10.0	mg/kg	10.0	mg/kg	Route	5.4E-006	mg/kg-day	NA	N/A	--	--	--
	Chrysene	105	mg/kg	105	mg/kg	Route	5.6E-005	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	168.0	mg/kg	168.0	mg/kg	Route	9.0E-005	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	14	mg/kg	14	mg/kg	Route	7.5E-006	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	4	mg/kg	4	mg/kg	Route	1.9E-006	mg/kg-day	4.0E-002	mg/kg-day	--	--	4.8E-005
	Fluorene	197.0	mg/kg	197.0	mg/kg	Route	1.1E-004	mg/kg-day	4.0E-002	mg/kg-day	--	--	2.6E-003
	Indeno(1,2,3-cd)pyrene	35.0	mg/kg	35.0	mg/kg	Route	1.9E-005	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	17	mg/kg	17	mg/kg	Route	9.1E-006	mg/kg-day	2.0E-002	mg/kg-day	--	--	4.6E-004
	Phenanthrene	700.0	mg/kg	700.0	mg/kg	Route	3.8E-004	mg/kg-day	3.0E-002	mg/kg-day	--	--	1.3E-002
	Pyrene	40	mg/kg	40	mg/kg	Route	2.1E-005	mg/kg-day	3.0E-002	mg/kg-day	--	--	7.2E-004
	2,3,7,8-TCDD	0	mg/kg	0	mg/kg	Route	4.3E-009	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	1,038	mg/kg	1,038	mg/kg	Route	5.6E-004	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDT	2483.0	mg/kg	2483.0	mg/kg	Route	1.3E-003	mg/kg-day	5.0E-004	mg/kg-day	--	--	2.7E+000
	Acetophenone	1	mg/kg	1	mg/kg	Route	4.1E-007	mg/kg-day	1.0E-001	mg/kg-day	--	--	4.1E-006
	Aldrin	120	mg/kg	120	mg/kg	Route	6.4E-005	mg/kg-day	3.0E-005	mg/kg-day	--	--	2.1E+000
	alpha-BHC	3	mg/kg	3	mg/kg	Route	1.6E-006	mg/kg-day	NA	N/A	--	--	--
	alpha-chlordane	2	mg/kg	2	mg/kg	Route	1.1E-006	mg/kg-day	5.0E-004	mg/kg-day	--	--	2.3E-003
	Aroclor 1242	807	mg/kg	807	mg/kg	Route	4.3E-004	mg/kg-day	7.0E-005	mg/kg-day	--	--	6.2E+000
	Aroclor 1248	3103.0	mg/kg	3103.0	mg/kg	Route	1.7E-003	mg/kg-day	2.0E-005	mg/kg-day	--	--	8.3E+001
	Aroclor 1254	14206.0	mg/kg	14206.0	mg/kg	Route	7.6E-003	mg/kg-day	2.0E-005	mg/kg-day	--	--	3.8E+002
	Dieldrin	1254	mg/kg	1254	mg/kg	Route	6.7E-004	mg/kg-day	5.0E-005	mg/kg-day	--	--	1.3E+001
	Endosulfan sulfate	20	mg/kg	20	mg/kg	Route	1.1E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	3.6E-002
	Endrin	14	mg/kg	14	mg/kg	Route	7.5E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	2.5E-002
	Endrin aldehyde	183	mg/kg	183	mg/kg	Route	9.8E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	3.3E-001
	gamma-Chlordane	1,222	mg/kg	1,222	mg/kg	Route	6.6E-004	mg/kg-day	5.0E-004	mg/kg-day	--	--	1.3E+000
	Heptachlor	7	mg/kg	7	mg/kg	Route	3.9E-006	mg/kg-day	5.0E-004	mg/kg-day	--	--	7.8E-003
	Heptachlor epoxide	143	mg/kg	143	mg/kg	Route	7.7E-005	mg/kg-day	1.3E-005	mg/kg-day	--	--	5.9E+000
	Dioxin-like PCBs	4	mg/kg	4	mg/kg	Route	2.0E-006	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	1.7E-002	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	15,783	mg/kg	15,783	mg/kg	Route	8.5E-003	mg/kg-day	NA	N/A	--	--	--

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TABLE 7.12.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Aluminum	33,832	mg/kg	33,832	mg/kg	Route	1.8E-002	mg/kg-day	1.0E+000	mg/kg-day	--	--	1.8E-002
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	3.1E-008	mg/kg-day	4.0E-004	mg/kg-day	--	--	7.6E-003
	Arsenic	46.3	mg/kg	46.3	mg/kg	Route	2.5E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	8.3E-002
	Barium	869	mg/kg	869	mg/kg	Route	4.7E-004	mg/kg-day	7.0E-002	mg/kg-day	--	--	6.7E-003
	Cadmium	32.0	mg/kg	32.0	mg/kg	Route	1.7E-005	mg/kg-day	1.0E-003	mg/kg-day	--	--	1.7E-002
	Chromium	75.0	mg/kg	75.0	mg/kg	Route	4.0E-005	mg/kg-day	3.0E-003	mg/kg-day	--	--	1.3E-002
	Copper	7,108	mg/kg	7,108	mg/kg	Route	3.8E-003	mg/kg-day	3.7E-002	mg/kg-day	--	--	1.0E-001
	Iron	46753	mg/kg	46753	mg/kg	Route	2.5E-002	mg/kg-day	3.0E-001	mg/kg-day	--	--	8.4E-002
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--	--	--
	Manganese	763	mg/kg	763	mg/kg	Route	4.1E-004	mg/kg-day	2.3E-002	mg/kg-day	--	--	1.8E-002
	Mercury	1	mg/kg	1	mg/kg	Route	5.9E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	2.0E-003
	Silver	9.8	mg/kg	9.8	mg/kg	Route	5.3E-006	mg/kg-day	5.0E-003	mg/kg-day	--	--	1.1E-003
	Thallium	1	mg/kg	1	mg/kg	Route	5.4E-007	mg/kg-day	8.0E-005	mg/kg-day	--	--	6.7E-003
	Vanadium	84	mg/kg	84	mg/kg	Route	4.5E-005	mg/kg-day	7.0E-003	mg/kg-day	--	--	6.4E-003
	Zinc	1903.0	mg/kg	1903.0	mg/kg	Route	1.0E-003	mg/kg-day	3.0E-001	mg/kg-day	--	--	3.4E-003
	Cyanide	1	mg/kg	1	mg/kg	Route	5.9E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	3.0E-005
Dermal Absorption	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	cis-1,2-Dichloroethene	7.1	mg/kg	7.1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Tetrachloroethylene	0.91	mg/kg	0.91	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Trichloroethene	8.4	mg/kg	8.4	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	2-Methylnaphthalene	47.6	mg/kg	47.6	mg/kg	Route	3.2E-005	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.6E-003
	Acenaphthene	276	mg/kg	276	mg/kg	Route	1.8E-004	mg/kg-day	6.0E-002	mg/kg-day	--	--	3.1E-003
	Benzo(a)anthracene	111	mg/kg	111	mg/kg	Route	7.4E-005	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	84.0	mg/kg	84.0	mg/kg	Route	5.6E-005	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	28.0	mg/kg	28.0	mg/kg	Route	1.9E-005	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	63.0	mg/kg	63.0	mg/kg	Route	4.2E-005	mg/kg-day	NA	N/A	--	--	--
	Carbazole	10.0	mg/kg	10.0	mg/kg	Route	5.1E-006	mg/kg-day	NA	N/A	--	--	--
	Chrysene	105	mg/kg	105	mg/kg	Route	7.0E-005	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	168.0	mg/kg	168.0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	14	mg/kg	14	mg/kg	Route	9.3E-006	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	4	mg/kg	4	mg/kg	Route	2.4E-006	mg/kg-day	4.0E-002	mg/kg-day	--	--	6.0E-005
	Fluorene	197.0	mg/kg	197.0	mg/kg	Route	1.3E-004	mg/kg-day	4.0E-002	mg/kg-day	--	--	3.3E-003
	Indeno(1,2,3-cd)pyrene	35.0	mg/kg	35.0	mg/kg	Route	2.3E-005	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	17	mg/kg	17	mg/kg	Route	1.1E-005	mg/kg-day	2.0E-002	mg/kg-day	--	--	5.7E-004
	Phenanthrene	700.0	mg/kg	700.0	mg/kg	Route	4.7E-004	mg/kg-day	3.0E-002	mg/kg-day	--	--	1.6E-002
	Pyrene	40	mg/kg	40	mg/kg	Route	2.7E-005	mg/kg-day	3.0E-002	mg/kg-day	--	--	8.9E-004
	2,3,7,8-TCDD	0	mg/kg	0	mg/kg	Route	1.2E-009	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	1,038	mg/kg	1,038	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	4,4'-DDT	2483.0	mg/kg	2483.0	mg/kg	Route	3.8E-004	mg/kg-day	5.0E-004	mg/kg-day	--	--	7.6E-001
	Acetophenone	1	mg/kg	1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--

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TABLE 7.12.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Aldrin	120	mg/kg	120	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-BHC	3	mg/kg	3	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-chlordane	2	mg/kg	2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aroclor 1242	807	mg/kg	807	mg/kg	Route	5.8E-004	mg/kg-day	7.0E-005	mg/kg-day	--	--	8.3E+000
	Aroclor 1248	3103.0	mg/kg	3103.0	mg/kg	Route	2.2E-003	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.1E+002
	Aroclor 1254	14206.0	mg/kg	14206.0	mg/kg	Route	1.0E-002	mg/kg-day	2.0E-005	mg/kg-day	--	--	5.1E+002
	Dieldrin	1254	mg/kg	1254	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endosulfan sulfate	20	mg/kg	20	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin	14	mg/kg	14	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin aldehyde	183	mg/kg	183	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	gamma-Chlordane	1,222	mg/kg	1,222	mg/kg	Route	2.5E-004	mg/kg-day	5.0E-004	mg/kg-day	--	--	5.0E-001
	Heptachlor	7	mg/kg	7	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor epoxide	143	mg/kg	143	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dioxin-like PCBs	4	mg/kg	4	mg/kg	Route	5.8E-007	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.3E-002	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	15,783	mg/kg	15,783	mg/kg	Route	1.1E-002	mg/kg-day	NA	N/A	--	--	--
	Aluminum	33,832	mg/kg	33,832	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Arsenic	46.3	mg/kg	46.3	mg/kg	Route	7.1E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	2.4E-002
	Barium	869	mg/kg	869	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Cadmium	32.0	mg/kg	32.0	mg/kg	Route	1.6E-007	mg/kg-day	2.5E-005	mg/kg-day	--	--	6.6E-003
	Chromium	75.0	mg/kg	75.0	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Copper	7,108	mg/kg	7,108	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Iron	46753	mg/kg	46753	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Manganese	763	mg/kg	763	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Mercury	1	mg/kg	1	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Thallium	1	mg/kg	1	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Vanadium	84	mg/kg	84	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Zinc	1903.0	mg/kg	1903.0	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Cyanide	1	mg/kg	1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
Inhalation	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	6.2E-007	mg/kg-day	NA	NA	--	--	--
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	1.0E-011	mg/kg-day	NA	NA	--	--	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	9.0E-007	mg/kg-day	1.7E-003	mg/kg-day	--	--	5.3E-004
	cis-1,2-Dichloroethene	7.1	mg/kg	7.1	mg/kg	Route	2.6E-005	mg/kg-day	NA	NA	--	--	--
	Tetrachloroethylene	0.91	mg/kg	0.91	mg/kg	Route	3.4E-006	mg/kg-day	1.1E-001	mg/kg-day	--	--	2.9E-005
	Trichloroethene	8.4	mg/kg	8.4	mg/kg	Route	2.4E-005	mg/kg-day	1.1E-002	mg/kg-day	--	--	2.1E-003
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	5.9E-008	mg/kg-day	2.9E-002	mg/kg-day	--	--	2.1E-004
	2-Methylnaphthalene	47.6	mg/kg	47.6	mg/kg	Route	7.3E-006	mg/kg-day	8.6E-004	mg/kg-day	--	--	8.5E-003
	Acenaphthene	276	mg/kg	276	mg/kg	Route	1.1E-005	mg/kg-day	NA	NA	--	--	--
	Benzo(a)anthracene	111	mg/kg	111	mg/kg	Route	1.0E-007	mg/kg-day	NA	NA	--	--	--
	Benzo(a)pyrene	84.0	mg/kg	84.0	mg/kg	Route	3.3E-008	mg/kg-day	NA	NA	--	--	--

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TABLE 7.12.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Benzo(b)fluoranthene	28.0	mg/kg	28.0	mg/kg	Route	5.2E-008	mg/kg-day	NA	NA	--	--	--
	Benzo(k)fluoranthene	63.0	mg/kg	63.0	mg/kg	Route	1.6E-008	mg/kg-day	NA	NA	--	--	--
	Carbazole	10.0	mg/kg	10.0	mg/kg	Route	3.9E-008	mg/kg-day	NA	NA	--	--	--
	Chrysene	105	mg/kg	105	mg/kg	Route	3.3E-007	mg/kg-day	NA	NA	--	--	--
	Dibenzofuran	168.0	mg/kg	168.0	mg/kg	Route	3.5E-009	mg/kg-day	NA	NA	--	--	--
	Dibenz(a,h)anthracene	14	mg/kg	14	mg/kg	Route	1.7E-009	mg/kg-day	NA	NA	--	--	--
	Fluoranthene	4	mg/kg	4	mg/kg	Route	1.0E-008	mg/kg-day	NA	NA	--	--	--
	Fluorene	197.0	mg/kg	197.0	mg/kg	Route	3.3E-006	mg/kg-day	NA	NA	--	--	--
	Indeno(1,2,3-cd)pyrene	35.0	mg/kg	35.0	mg/kg	Route	6.3E-009	mg/kg-day	NA	NA	--	--	--
	Naphthalene	17	mg/kg	17	mg/kg	Route	2.6E-006	mg/kg-day	8.6E-004	mg/kg-day	--	--	3.0E-003
	Phenanthrene	700.0	mg/kg	700.0	mg/kg	Route	1.6E-006	mg/kg-day	NA	NA	--	--	--
	Pyrene	40	mg/kg	40	mg/kg	Route	9.1E-008	mg/kg-day	NA	NA	--	--	--
	2,3,7,8-TCDD	0	mg/kg	0	mg/kg	Route	1.7E-013	mg/kg-day	NA	NA	--	--	--
	4,4'-DDE	1,038	mg/kg	1,038	mg/kg	Route	3.8E-007	mg/kg-day	NA	NA	--	--	--
	4,4'-DDT	2483.0	mg/kg	2483.0	mg/kg	Route	7.6E-007	mg/kg-day	NA	NA	--	--	--
	Acetophenone	1	mg/kg	1	mg/kg	Route	1.6E-011	mg/kg-day	NA	NA	--	--	--
	Aldrin	120	mg/kg	120	mg/kg	Route	1.5E-007	mg/kg-day	NA	NA	--	--	--
	alpha-BHC	3	mg/kg	3	mg/kg	Route	4.7E-008	mg/kg-day	NA	NA	--	--	--
	alpha-chlordane	2	mg/kg	2	mg/kg	Route	7.9E-009	mg/kg-day	2.0E-004	mg/kg-day	--	--	4.0E-005
	Aroclor 1242	807	mg/kg	807	mg/kg	Route	1.0E-005	mg/kg-day	7.0E-005	mg/kg-day	--	--	1.5E-001
	Aroclor 1248	3103.0	mg/kg	3103.0	mg/kg	Route	4.0E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	2.0E+000
	Aroclor 1254	14206.0	mg/kg	14206.0	mg/kg	Route	1.8E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	9.2E+000
	Dieldrin	1254	mg/kg	1254	mg/kg	Route	5.0E-006	mg/kg-day	NA	NA	--	--	--
	Endosulfan sulfate	20	mg/kg	20	mg/kg	Route	4.2E-010	mg/kg-day	NA	NA	--	--	--
	Endrin	14	mg/kg	14	mg/kg	Route	5.5E-008	mg/kg-day	NA	NA	--	--	--
	Endrin aldehyde	183	mg/kg	183	mg/kg	Route	7.2E-007	mg/kg-day	NA	NA	--	--	--
	gamma-Chlordane	1,222	mg/kg	1,222	mg/kg	Route	2.6E-008	mg/kg-day	2.0E-004	mg/kg-day	--	--	1.3E-004
	Heptachlor	7	mg/kg	7	mg/kg	Route	2.8E-008	mg/kg-day	NA	NA	--	--	--
	Heptachlor epoxide	143	mg/kg	143	mg/kg	Route	2.4E-007	mg/kg-day	NA	NA	--	--	--
	Dioxin-like PCBs	4	mg/kg	4	mg/kg	Route	8.0E-011	mg/kg-day	NA	NA	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	4.1E-004	mg/kg-day	NA	NA	--	--	--
	Total PCBs	15,783	mg/kg	15,783	mg/kg	Route	2.0E-004	mg/kg-day	NA	NA	--	--	--
	Aluminum	33,832	mg/kg	33,832	mg/kg	Route	7.1E-007	mg/kg-day	1.4E-003	mg/kg-day	--	--	5.0E-004
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	1.2E-010	mg/kg-day	NA	NA	--	--	--
	Arsenic	46.3	mg/kg	46.3	mg/kg	Route	9.7E-010	mg/kg-day	NA	NA	--	--	--
	Barium	869	mg/kg	869	mg/kg	Route	1.8E-008	mg/kg-day	1.4E-004	mg/kg-day	--	--	1.3E-004
	Cadmium	32.0	mg/kg	32.0	mg/kg	Route	6.7E-010	mg/kg-day	5.7E-005	mg/kg-day	--	--	1.2E-005
	Chromium	75.0	mg/kg	75.0	mg/kg	Route	1.6E-009	mg/kg-day	NA	NA	--	--	--
	Copper	7,108	mg/kg	7,108	mg/kg	Route	1.5E-007	mg/kg-day	NA	NA	--	--	--
	Iron	46753	mg/kg	46753	mg/kg	Route	9.8E-007	mg/kg-day	NA	NA	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	NA	--	--	--
	Manganese	763	mg/kg	763	mg/kg	Route	1.6E-008	mg/kg-day	1.4E-005	mg/kg-day	--	--	1.1E-003
	Mercury	1	mg/kg	1	mg/kg	Route	3.5E-006	mg/kg-day	NA	NA	--	--	--

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TABLE 7.12.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Silver	9.8	mg/kg	9.8	mg/kg	Route	2.1E-010	mg/kg-day	NA	NA	--	--	--
	Thallium	1	mg/kg	1	mg/kg	Route	2.1E-011	mg/kg-day	NA	NA	--	--	--
	Vanadium	84	mg/kg	84	mg/kg	Route	1.8E-009	mg/kg-day	NA	NA	--	--	--
	Zinc	1903.0	mg/kg	1903.0	mg/kg	Route	4.0E-008	mg/kg-day	NA	NA	--	--	--
	Cyanide	1	mg/kg	1	mg/kg	Route	2.3E-011	mg/kg-day	NA	NA	--	--	--
												Total Hazard Index Across All Exposure Routes/Pathways	1.1E+003

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic.

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TABLE 7.12.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Ingestion	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	1.1E-008	mg/kg-day	9.0E-003	mg/kg-day	--	--	1.2E-006
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	6.4E-008	mg/kg-day	9.0E-004	mg/kg-day	--	--	7.2E-005
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	3.4E-008	mg/kg-day	3.0E-003	mg/kg-day	--	--	1.1E-005
	cis-1,2-Dichloroethene	7.1	mg/kg	7.1	mg/kg	Route	9.5E-007	mg/kg-day	1.0E-002	mg/kg-day	--	--	9.5E-005
	Tetrachloroethylene	0.91	mg/kg	0.91	mg/kg	Route	1.2E-007	mg/kg-day	1.0E-002	mg/kg-day	--	--	1.2E-005
	Trichloroethene	8.4	mg/kg	8.4	mg/kg	Route	1.1E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	3.8E-003
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	5.6E-008	mg/kg-day	3.0E-003	mg/kg-day	--	--	1.9E-005
	2-Methylnaphthalene	48	mg/kg	48	mg/kg	Route	6.4E-006	mg/kg-day	2.0E-002	mg/kg-day	--	--	3.2E-004
	Acenaphthene	276	mg/kg	276	mg/kg	Route	3.7E-005	mg/kg-day	6.0E-002	mg/kg-day	--	--	6.2E-004
	Benzo(a)anthracene	111	mg/kg	111	mg/kg	Route	1.5E-005	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	84	mg/kg	84	mg/kg	Route	1.1E-005	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	28	mg/kg	28	mg/kg	Route	3.8E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	63	mg/kg	63	mg/kg	Route	8.5E-006	mg/kg-day	NA	N/A	--	--	--
	Carbazole	10	mg/kg	10	mg/kg	Route	1.3E-006	mg/kg-day	NA	N/A	--	--	--
	Chrysene	105	mg/kg	105	mg/kg	Route	1.4E-005	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	168	mg/kg	168	mg/kg	Route	2.3E-005	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	14	mg/kg	14	mg/kg	Route	1.9E-006	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	4	mg/kg	4	mg/kg	Route	4.8E-007	mg/kg-day	4.0E-002	mg/kg-day	--	--	1.2E-005
	Fluorene	197	mg/kg	197	mg/kg	Route	2.6E-005	mg/kg-day	4.0E-002	mg/kg-day	--	--	6.6E-004
	Indeno(1,2,3-cd)pyrene	35	mg/kg	35	mg/kg	Route	4.7E-006	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	17	mg/kg	17	mg/kg	Route	2.3E-006	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.1E-004
	Phenanthrene	700	mg/kg	700	mg/kg	Route	9.4E-005	mg/kg-day	3.0E-002	mg/kg-day	--	--	3.1E-003
	Pyrene	40	mg/kg	40	mg/kg	Route	5.4E-006	mg/kg-day	3.0E-002	mg/kg-day	--	--	1.8E-004
	2,3,7,8-TCDD	0	mg/kg	0	mg/kg	Route	1.1E-009	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	1,038	mg/kg	1,038	mg/kg	Route	1.4E-004	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDT	2483	mg/kg	2483	mg/kg	Route	3.3E-004	mg/kg-day	5.0E-004	mg/kg-day	--	--	6.7E-001
	Acetophenone	1	mg/kg	1	mg/kg	Route	1.0E-007	mg/kg-day	1.0E-001	mg/kg-day	--	--	1.0E-006
	Aldrin	120.0	mg/kg	120.0	mg/kg	Route	1.6E-005	mg/kg-day	3.0E-005	mg/kg-day	--	--	5.4E-001
	alpha-BHC	3.0	mg/kg	3.0	mg/kg	Route	4.0E-007	mg/kg-day	NA	N/A	--	--	--
	alpha-chlordane	2	mg/kg	2	mg/kg	Route	2.8E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	5.6E-004
	Aroclor 1242	807	mg/kg	807	mg/kg	Route	1.1E-004	mg/kg-day	7.0E-005	mg/kg-day	--	--	1.5E+000
	Aroclor 1248	3103	mg/kg	3103	mg/kg	Route	4.2E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	2.1E+001
	Aroclor 1254	14206	mg/kg	14206	mg/kg	Route	1.9E-003	mg/kg-day	2.0E-005	mg/kg-day	--	--	9.5E+001
	Dieldrin	1254	mg/kg	1254	mg/kg	Route	1.7E-004	mg/kg-day	5.0E-005	mg/kg-day	--	--	3.4E+000
	Endosulfan sulfate	20	mg/kg	20	mg/kg	Route	2.7E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	8.9E-003
	Endrin	14.0	mg/kg	14.0	mg/kg	Route	1.9E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	6.3E-003
	Endrin aldehyde	183	mg/kg	183	mg/kg	Route	2.5E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	8.2E-002
	gamma-Chlordane	1,222	mg/kg	1,222	mg/kg	Route	1.6E-004	mg/kg-day	5.0E-004	mg/kg-day	--	--	3.3E-001
	Heptachlor	7	mg/kg	7	mg/kg	Route	9.8E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	2.0E-003
	Heptachlor epoxide	143	mg/kg	143	mg/kg	Route	1.9E-005	mg/kg-day	1.3E-005	mg/kg-day	--	--	1.5E+000
	Dioxin-like PCBs	4	mg/kg	4	mg/kg	Route	5.1E-007	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	4.2E-003	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	15,783	mg/kg	15,783	mg/kg	Route	2.1E-003	mg/kg-day	NA	N/A	--	--	--

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TABLE 7.12.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Aluminum	33,832	mg/kg	33,832	mg/kg	Route	4.5E-003	mg/kg-day	1.0E+000	mg/kg-day	--	--	4.5E-003
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	7.6E-007	mg/kg-day	4.0E-004	mg/kg-day	--	--	1.9E-003
	Arsenic	46	mg/kg	46	mg/kg	Route	6.2E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	2.1E-002
	Barium	869	mg/kg	869	mg/kg	Route	1.2E-004	mg/kg-day	7.0E-002	mg/kg-day	--	--	1.7E-003
	Cadmium	32	mg/kg	32	mg/kg	Route	4.3E-006	mg/kg-day	1.0E-003	mg/kg-day	--	--	4.3E-003
	Chromium	75	mg/kg	75	mg/kg	Route	1.0E-005	mg/kg-day	3.0E-003	mg/kg-day	--	--	3.4E-003
	Copper	7,108	mg/kg	7,108	mg/kg	Route	9.5E-004	mg/kg-day	3.7E-002	mg/kg-day	--	--	2.6E-002
	Iron	46753.0	mg/kg	46753.0	mg/kg	Route	6.3E-003	mg/kg-day	3.0E-001	mg/kg-day	--	--	2.1E-002
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--	--	--
	Manganese	763	mg/kg	763	mg/kg	Route	1.0E-004	mg/kg-day	2.3E-002	mg/kg-day	--	--	4.5E-003
	Mercury	1	mg/kg	1	mg/kg	Route	1.5E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	4.9E-004
	Silver	9.8	mg/kg	9.8	mg/kg	Route	1.3E-006	mg/kg-day	5.0E-003	mg/kg-day	--	--	2.6E-004
	Thallium	1.0	mg/kg	1.0	mg/kg	Route	1.3E-007	mg/kg-day	8.0E-005	mg/kg-day	--	--	1.7E-003
	Vanadium	84	mg/kg	84	mg/kg	Route	1.1E-005	mg/kg-day	7.0E-003	mg/kg-day	--	--	1.6E-003
	Zinc	1903	mg/kg	1903	mg/kg	Route	2.6E-004	mg/kg-day	3.0E-001	mg/kg-day	--	--	8.5E-004
	Cyanide	1	mg/kg	1	mg/kg	Route	1.5E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	7.4E-006
Dermal Absorption	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	cis-1,2-Dichloroethene	7.1	mg/kg	7.1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Tetrachloroethylene	0.91	mg/kg	0.91	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Trichloroethene	8.4	mg/kg	8.4	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	2-Methylnaphthalene	48	mg/kg	48	mg/kg	Route	3.2E-006	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.6E-004
	Acenaphthene	276	mg/kg	276	mg/kg	Route	1.8E-005	mg/kg-day	6.0E-002	mg/kg-day	--	--	3.1E-004
	Benzo(a)anthracene	111	mg/kg	111	mg/kg	Route	7.4E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	84	mg/kg	84	mg/kg	Route	5.6E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	28	mg/kg	28	mg/kg	Route	1.9E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	63	mg/kg	63	mg/kg	Route	4.2E-006	mg/kg-day	NA	N/A	--	--	--
	Carbazole	10	mg/kg	10	mg/kg	Route	5.1E-007	mg/kg-day	NA	N/A	--	--	--
	Chrysene	105	mg/kg	105	mg/kg	Route	7.0E-006	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	168	mg/kg	168	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	14	mg/kg	14	mg/kg	Route	9.3E-007	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	4	mg/kg	4	mg/kg	Route	2.4E-007	mg/kg-day	4.0E-002	mg/kg-day	--	--	6.0E-006
	Fluorene	197	mg/kg	197	mg/kg	Route	1.3E-005	mg/kg-day	4.0E-002	mg/kg-day	--	--	3.3E-004
	Indeno(1,2,3-cd)pyrene	35	mg/kg	35	mg/kg	Route	2.3E-006	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	17	mg/kg	17	mg/kg	Route	1.1E-006	mg/kg-day	2.0E-002	mg/kg-day	--	--	5.7E-005
	Phenanthrene	700	mg/kg	700	mg/kg	Route	4.7E-005	mg/kg-day	3.0E-002	mg/kg-day	--	--	1.6E-003
	Pyrene	40	mg/kg	40	mg/kg	Route	2.7E-006	mg/kg-day	3.0E-002	mg/kg-day	--	--	8.9E-005
	2,3,7,8-TCDD	0	mg/kg	0	mg/kg	Route	1.2E-010	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	1,038	mg/kg	1,038	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	4,4'-DDT	2483	mg/kg	2483	mg/kg	Route	3.8E-005	mg/kg-day	5.0E-004	mg/kg-day	--	--	7.6E-002
	Acetophenone	1	mg/kg	1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--

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TABLE 7.12.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Aldrin	120.0	mg/kg	120.0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-BHC	3.0	mg/kg	3.0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-chlordane	2	mg/kg	2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aroclor 1242	807	mg/kg	807	mg/kg	Route	5.8E-005	mg/kg-day	7.0E-005	mg/kg-day	--	--	8.3E-001
	Aroclor 1248	3103	mg/kg	3103	mg/kg	Route	2.2E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.1E+001
	Aroclor 1254	14206	mg/kg	14206	mg/kg	Route	1.0E-003	mg/kg-day	2.0E-005	mg/kg-day	--	--	5.1E+001
	Dieldrin	1254	mg/kg	1254	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endosulfan sulfate	20	mg/kg	20	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin	14.0	mg/kg	14.0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin aldehyde	183	mg/kg	183	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	gamma-Chlordane	1,222	mg/kg	1,222	mg/kg	Route	2.5E-005	mg/kg-day	5.0E-004	mg/kg-day	--	--	5.0E-002
	Heptachlor	7	mg/kg	7	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor epoxide	143	mg/kg	143	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dioxin-like PCBs	4	mg/kg	4	mg/kg	Route	5.8E-008	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.3E-003	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	15,783	mg/kg	15,783	mg/kg	Route	1.1E-003	mg/kg-day	NA	N/A	--	--	--
	Aluminum	33,832	mg/kg	33,832	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Arsenic	46	mg/kg	46	mg/kg	Route	7.1E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	2.4E-003
	Barium	869	mg/kg	869	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Cadmium	32	mg/kg	32	mg/kg	Route	1.6E-008	mg/kg-day	2.5E-005	mg/kg-day	--	--	6.6E-004
	Chromium	75	mg/kg	75	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Copper	7,108	mg/kg	7,108	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Iron	46753.0	mg/kg	46753.0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Manganese	763	mg/kg	763	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Mercury	1	mg/kg	1	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Thallium	1.0	mg/kg	1.0	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Vanadium	84	mg/kg	84	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Zinc	1903	mg/kg	1903	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Cyanide	1	mg/kg	1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
Inhalation	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	1.3E-007	mg/kg-day	NA	NA	--	--	--
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	2.1E-012	mg/kg-day	NA	NA	--	--	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	1.9E-007	mg/kg-day	1.7E-003	mg/kg-day	--	--	1.1E-004
	cis-1,2-Dichloroethene	7.1	mg/kg	7.1	mg/kg	Route	5.3E-006	mg/kg-day	NA	NA	--	--	--
	Tetrachloroethylene	0.91	mg/kg	0.91	mg/kg	Route	7.0E-007	mg/kg-day	1.1E-001	mg/kg-day	--	--	6.1E-006
	Trichloroethene	8.4	mg/kg	8.4	mg/kg	Route	4.9E-006	mg/kg-day	1.1E-002	mg/kg-day	--	--	4.3E-004
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	1.2E-006	mg/kg-day	2.9E-002	mg/kg-day	--	--	4.3E-005
	2-Methylnaphthalene	48	mg/kg	48	mg/kg	Route	1.5E-006	mg/kg-day	8.6E-004	mg/kg-day	--	--	1.8E-003
	Acenaphthene	276	mg/kg	276	mg/kg	Route	2.2E-006	mg/kg-day	NA	NA	--	--	--
	Benzo(a)anthracene	111	mg/kg	111	mg/kg	Route	2.2E-008	mg/kg-day	NA	NA	--	--	--
	Benzo(a)pyrene	84	mg/kg	84	mg/kg	Route	6.9E-009	mg/kg-day	NA	NA	--	--	--

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TABLE 7.12.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Benzo(b)fluoranthene	28	mg/kg	28	mg/kg	Route	1.1E-008	mg/kg-day	NA	NA	--	--	--
	Benzo(k)fluoranthene	63	mg/kg	63	mg/kg	Route	3.4E-009	mg/kg-day	NA	NA	--	--	--
	Carbazole	10	mg/kg	10	mg/kg	Route	8.0E-009	mg/kg-day	NA	NA	--	--	--
	Chrysene	105	mg/kg	105	mg/kg	Route	6.9E-008	mg/kg-day	NA	NA	--	--	--
	Dibenzofuran	168	mg/kg	168	mg/kg	Route	7.4E-010	mg/kg-day	NA	NA	--	--	--
	Dibenz(a,h)anthracene	14	mg/kg	14	mg/kg	Route	3.5E-010	mg/kg-day	NA	NA	--	--	--
	Fluoranthene	4	mg/kg	4	mg/kg	Route	2.1E-009	mg/kg-day	NA	NA	--	--	--
	Fluorene	197	mg/kg	197	mg/kg	Route	6.8E-007	mg/kg-day	NA	NA	--	--	--
	Indeno(1,2,3-cd)pyrene	35	mg/kg	35	mg/kg	Route	1.3E-009	mg/kg-day	NA	NA	--	--	--
	Naphthalene	17	mg/kg	17	mg/kg	Route	5.4E-007	mg/kg-day	8.6E-004	mg/kg-day	--	--	6.3E-004
	Phenanthrene	700	mg/kg	700	mg/kg	Route	3.3E-007	mg/kg-day	NA	NA	--	--	--
	Pyrene	40	mg/kg	40	mg/kg	Route	1.9E-008	mg/kg-day	NA	NA	--	--	--
	2,3,7,8-TCDD	0	mg/kg	0	mg/kg	Route	3.5E-014	mg/kg-day	NA	NA	--	--	--
	4,4'-DDE	1,038	mg/kg	1,038	mg/kg	Route	7.9E-008	mg/kg-day	NA	NA	--	--	--
	4,4'-DDT	2483	mg/kg	2483	mg/kg	Route	1.6E-007	mg/kg-day	NA	NA	--	--	--
	Acetophenone	1	mg/kg	1	mg/kg	Route	3.3E-012	mg/kg-day	NA	NA	--	--	--
	Aldrin	120.0	mg/kg	120.0	mg/kg	Route	3.1E-008	mg/kg-day	NA	NA	--	--	--
	alpha-BHC	3.0	mg/kg	3.0	mg/kg	Route	9.7E-009	mg/kg-day	NA	NA	--	--	--
	alpha-chlordane	2	mg/kg	2	mg/kg	Route	1.7E-009	mg/kg-day	2.0E-004	mg/kg-day	--	--	8.3E-006
	Aroclor 1242	807	mg/kg	807	mg/kg	Route	2.2E-006	mg/kg-day	7.0E-005	mg/kg-day	--	--	3.1E-002
	Aroclor 1248	3103	mg/kg	3103	mg/kg	Route	8.3E-006	mg/kg-day	2.0E-005	mg/kg-day	--	--	4.2E-001
	Aroclor 1254	14206	mg/kg	14206	mg/kg	Route	3.8E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.9E+000
	Dieldrin	1254	mg/kg	1254	mg/kg	Route	1.0E-006	mg/kg-day	NA	NA	--	--	--
	Endosulfan sulfate	20	mg/kg	20	mg/kg	Route	8.8E-011	mg/kg-day	NA	NA	--	--	--
	Endrin	14.0	mg/kg	14.0	mg/kg	Route	1.1E-008	mg/kg-day	NA	NA	--	--	--
	Endrin aldehyde	183	mg/kg	183	mg/kg	Route	1.5E-007	mg/kg-day	NA	NA	--	--	--
	gamma-Chlordane	1,222	mg/kg	1,222	mg/kg	Route	5.4E-009	mg/kg-day	2.0E-004	mg/kg-day	--	--	2.7E-005
	Heptachlor	7	mg/kg	7	mg/kg	Route	5.8E-009	mg/kg-day	NA	NA	--	--	--
	Heptachlor epoxide	143	mg/kg	143	mg/kg	Route	5.1E-008	mg/kg-day	NA	NA	--	--	--
	Dioxin-like PCBs	4	mg/kg	4	mg/kg	Route	1.7E-011	mg/kg-day	NA	NA	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	8.5E-005	mg/kg-day	NA	NA	--	--	--
	Total PCBs	15,783	mg/kg	15,783	mg/kg	Route	4.2E-005	mg/kg-day	NA	NA	--	--	--
	Aluminum	33,832	mg/kg	33,832	mg/kg	Route	1.5E-007	mg/kg-day	1.4E-003	mg/kg-day	--	--	1.0E-004
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	2.5E-011	mg/kg-day	NA	NA	--	--	--
	Arsenic	46	mg/kg	46	mg/kg	Route	2.0E-010	mg/kg-day	NA	NA	--	--	--
	Barium	869	mg/kg	869	mg/kg	Route	3.8E-009	mg/kg-day	1.4E-004	mg/kg-day	--	--	2.7E-005
	Cadmium	32	mg/kg	32	mg/kg	Route	1.4E-010	mg/kg-day	5.7E-005	mg/kg-day	--	--	2.5E-006
	Chromium	75	mg/kg	75	mg/kg	Route	3.3E-010	mg/kg-day	NA	NA	--	--	--
	Copper	7,108	mg/kg	7,108	mg/kg	Route	3.1E-008	mg/kg-day	NA	NA	--	--	--
	Iron	46753.0	mg/kg	46753.0	mg/kg	Route	2.0E-007	mg/kg-day	NA	NA	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	NA	--	--	--
	Manganese	763	mg/kg	763	mg/kg	Route	3.3E-009	mg/kg-day	1.4E-005	mg/kg-day	--	--	2.3E-004
	Mercury	1	mg/kg	1	mg/kg	Route	7.4E-007	mg/kg-day	NA	NA	--	--	--

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TABLE 7.12.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Silver	9.8	mg/kg	9.8	mg/kg	Route	4.3E-011	mg/kg-day	NA	NA	--	--	--
	Thallium	1.0	mg/kg	1.0	mg/kg	Route	4.4E-012	mg/kg-day	NA	NA	--	--	--
	Vanadium	84	mg/kg	84	mg/kg	Route	3.7E-010	mg/kg-day	NA	NA	--	--	--
	Zinc	1903	mg/kg	1903	mg/kg	Route	8.3E-009	mg/kg-day	NA	NA	--	--	--
	Cyanide	1	mg/kg	1	mg/kg	Route	4.8E-012	mg/kg-day	NA	NA	--	--	--
												Total Hazard Index Across All Exposure Routes/Pathways	1.9E+002

Notes
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic.

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TABLE 7.13.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Ingestion	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	4.3E-008	mg/kg-day	9.0E-003	mg/kg-day	--	--	4.8E-006
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	2.6E-007	mg/kg-day	9.0E-004	mg/kg-day	--	--	2.9E-004
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	1.3E-007	mg/kg-day	3.0E-003	mg/kg-day	--	--	4.5E-005
	cis-1,2-Dichloroethene	2.4	mg/kg	2.4	mg/kg	Route	1.3E-006	mg/kg-day	1.0E-002	mg/kg-day	--	--	1.3E-004
	Tetrachloroethylene	0.49	mg/kg	0.49	mg/kg	Route	2.6E-007	mg/kg-day	1.0E-002	mg/kg-day	--	--	2.6E-005
	Trichloroethene	2	mg/kg	2	mg/kg	Route	1.1E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	3.6E-003
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	2.3E-007	mg/kg-day	3.0E-003	mg/kg-day	--	--	7.5E-005
	2-Methylnaphthalene	2.7	mg/kg	2.7	mg/kg	Route	1.4E-006	mg/kg-day	2.0E-002	mg/kg-day	--	--	7.2E-005
	Acenaphthene	1.1	mg/kg	1.1	mg/kg	Route	5.9E-007	mg/kg-day	6.0E-002	mg/kg-day	--	--	9.8E-006
	Benzo(a)anthracene	2.2	mg/kg	2.2	mg/kg	Route	1.2E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	2.1	mg/kg	2.1	mg/kg	Route	1.1E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	3.4	mg/kg	3.4	mg/kg	Route	1.8E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	2.4	mg/kg	2.4	mg/kg	Route	1.3E-006	mg/kg-day	NA	N/A	--	--	--
	Carbazole	1.2	mg/kg	1.2	mg/kg	Route	6.4E-007	mg/kg-day	NA	N/A	--	--	--
	Chrysene	3.2	mg/kg	3.2	mg/kg	Route	1.7E-006	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	4.7	mg/kg	4.7	mg/kg	Route	2.5E-006	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	1.8	mg/kg	1.8	mg/kg	Route	9.7E-007	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	419	mg/kg	419	mg/kg	Route	2.2E-004	mg/kg-day	4.0E-002	mg/kg-day	--	--	5.6E-003
	Fluorene	7.1	mg/kg	7.1	mg/kg	Route	3.8E-006	mg/kg-day	4.0E-002	mg/kg-day	--	--	9.5E-005
	Indeno(1,2,3-cd)pyrene	1.9	mg/kg	1.9	mg/kg	Route	1.0E-006	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	3.2	mg/kg	3.2	mg/kg	Route	1.7E-006	mg/kg-day	2.0E-002	mg/kg-day	--	--	8.6E-005
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	1.1E-006	mg/kg-day	3.0E-002	mg/kg-day	--	--	3.8E-005
	Pyrene	2.9	mg/kg	2.9	mg/kg	Route	1.6E-006	mg/kg-day	3.0E-002	mg/kg-day	--	--	5.2E-005
	2,3,7,8-TCDD	0.0	mg/kg	0.0	mg/kg	Route	4.3E-009	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	20.8	mg/kg	20.8	mg/kg	Route	1.1E-005	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDT	0.97	mg/kg	0.97	mg/kg	Route	5.2E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	1.0E-003
	Acetophenone	0.8	mg/kg	0.8	mg/kg	Route	4.1E-007	mg/kg-day	1.0E-001	mg/kg-day	--	--	4.1E-006
	Aldrin	17	mg/kg	17	mg/kg	Route	9.1E-006	mg/kg-day	3.0E-005	mg/kg-day	--	--	3.0E-001
	alpha-BHC	0.91	mg/kg	0.91	mg/kg	Route	4.9E-007	mg/kg-day	NA	N/A	--	--	--
	alpha-chlordane	0.69	mg/kg	0.69	mg/kg	Route	3.7E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	7.4E-004
	Aroclor 1242	29.0	mg/kg	29.0	mg/kg	Route	1.6E-005	mg/kg-day	7.0E-005	mg/kg-day	--	--	2.2E-001
	Aroclor 1248	454	mg/kg	454	mg/kg	Route	2.4E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.2E+001
	Aroclor 1254	1755	mg/kg	1755	mg/kg	Route	9.4E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	4.7E+001
	Dieldrin	31	mg/kg	31	mg/kg	Route	1.7E-005	mg/kg-day	5.0E-005	mg/kg-day	--	--	3.3E-001
	Endosulfan sulfate	2.5	mg/kg	2.5	mg/kg	Route	1.3E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	4.5E-003
	Endrin	1.9	mg/kg	1.9	mg/kg	Route	1.0E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	3.4E-003
	Endrin aldehyde	4	mg/kg	4	mg/kg	Route	2.1E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	7.2E-003
	gamma-Chlordane	0.3	mg/kg	0.3	mg/kg	Route	1.7E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	3.4E-004
	Heptachlor	1	mg/kg	1	mg/kg	Route	2.9E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	5.8E-004
	Heptachlor epoxide	4	mg/kg	4	mg/kg	Route	2.2E-006	mg/kg-day	1.3E-005	mg/kg-day	--	--	1.7E-001
	Dioxin-like PCBs	4	mg/kg	4	mg/kg	Route	2.0E-006	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	1.7E-002	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	2,246	mg/kg	2,246	mg/kg	Route	1.2E-003	mg/kg-day	NA	N/A	--	--	--
	Aluminum	17,468	mg/kg	17,468	mg/kg	Route	9.4E-003	mg/kg-day	1.0E+000	mg/kg-day	--	--	9.4E-003
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	3.1E-006	mg/kg-day	4.0E-004	mg/kg-day	--	--	7.6E-003
	Arsenic	25.1	mg/kg	25.1	mg/kg	Route	1.3E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	4.5E-002
	Barium	869	mg/kg	869	mg/kg	Route	4.7E-004	mg/kg-day	7.0E-002	mg/kg-day	--	--	6.7E-003

301900

TABLE 7.13.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Cadmium	32.0	mg/kg	32.0	mg/kg	Route	1.7E-005	mg/kg-day	1.0E-003	mg/kg-day	--	--	1.7E-002
	Chromium	32.0	mg/kg	32.0	mg/kg	Route	1.7E-005	mg/kg-day	3.0E-003	mg/kg-day	--	--	5.7E-003
	Copper	230	mg/kg	230	mg/kg	Route	1.2E-004	mg/kg-day	3.7E-002	mg/kg-day	--	--	3.3E-003
	Cyanide	0.39	mg/kg	0.39	mg/kg	Route	2.1E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.0E-005
	Iron	26,753	mg/kg	26,753	mg/kg	Route	1.4E-002	mg/kg-day	3.0E-001	mg/kg-day	--	--	4.8E-002
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--	--	--
	Manganese	463	mg/kg	463	mg/kg	Route	2.5E-004	mg/kg-day	2.3E-002	mg/kg-day	--	--	1.1E-002
	Mercury	0.44	mg/kg	0.44	mg/kg	Route	2.4E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	7.9E-004
	Silver	9.8	mg/kg	9.8	mg/kg	Route	5.3E-006	mg/kg-day	5.0E-003	mg/kg-day	--	--	1.1E-003
	Thallium	0.87	mg/kg	0.87	mg/kg	Route	4.7E-007	mg/kg-day	8.0E-005	mg/kg-day	--	--	5.8E-003
	Vanadium	43.0	mg/kg	43.0	mg/kg	Route	2.3E-005	mg/kg-day	7.0E-003	mg/kg-day	--	--	3.3E-003
	Zinc	601	mg/kg	601	mg/kg	Route	3.2E-004	mg/kg-day	3.0E-001	mg/kg-day	--	--	1.1E-003
Dermal Absorption	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	cis-1,2-Dichloroethene	2.4	mg/kg	2.4	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Tetrachloroethylene	0.49	mg/kg	0.49	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Trichloroethene	2	mg/kg	2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	2-Methylnaphthalene	2.7	mg/kg	2.7	mg/kg	Route	1.8E-006	mg/kg-day	2.0E-002	mg/kg-day	--	--	9.0E-005
	Acenaphthene	1.1	mg/kg	1.1	mg/kg	Route	7.3E-007	mg/kg-day	6.0E-002	mg/kg-day	--	--	1.2E-005
	Benzo(a)anthracene	2.2	mg/kg	2.2	mg/kg	Route	1.5E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	2.1	mg/kg	2.1	mg/kg	Route	1.4E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	3.4	mg/kg	3.4	mg/kg	Route	2.3E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	2.4	mg/kg	2.4	mg/kg	Route	1.6E-006	mg/kg-day	NA	N/A	--	--	--
	Carbazole	1.2	mg/kg	1.2	mg/kg	Route	6.1E-007	mg/kg-day	NA	N/A	--	--	--
	Chrysene	3.2	mg/kg	3.2	mg/kg	Route	2.1E-006	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	4.7	mg/kg	4.7	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	1.8	mg/kg	1.8	mg/kg	Route	1.2E-006	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	419	mg/kg	419	mg/kg	Route	2.8E-004	mg/kg-day	4.0E-002	mg/kg-day	--	--	7.0E-003
	Fluorene	7.1	mg/kg	7.1	mg/kg	Route	4.7E-006	mg/kg-day	4.0E-002	mg/kg-day	--	--	1.2E-004
	Indeno(1,2,3-cd)pyrene	1.9	mg/kg	1.9	mg/kg	Route	1.3E-006	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	3.2	mg/kg	3.2	mg/kg	Route	2.1E-006	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.1E-004
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	1.4E-006	mg/kg-day	3.0E-002	mg/kg-day	--	--	4.7E-005
	Pyrene	2.9	mg/kg	2.9	mg/kg	Route	1.9E-006	mg/kg-day	3.0E-002	mg/kg-day	--	--	6.4E-005
	2,3,7,8-TCDD	0.0	mg/kg	0.0	mg/kg	Route	1.2E-009	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	20.8	mg/kg	20.8	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	4,4'-DDT	0.97	mg/kg	0.97	mg/kg	Route	1.5E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	3.0E-004
	Acetophenone	0.8	mg/kg	0.8	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aldrin	17	mg/kg	17	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-BHC	0.91	mg/kg	0.91	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-chlordane	0.69	mg/kg	0.69	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aroclor 1242	29.0	mg/kg	29.0	mg/kg	Route	2.1E-005	mg/kg-day	7.0E-005	mg/kg-day	--	--	3.0E-001
	Aroclor 1248	454	mg/kg	454	mg/kg	Route	3.3E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.6E+001
	Aroclor 1254	1755	mg/kg	1755	mg/kg	Route	1.3E-003	mg/kg-day	2.0E-005	mg/kg-day	--	--	6.3E+001
	Dieldrin	31	mg/kg	31	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endosulfan sulfate	2.5	mg/kg	2.5	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--

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TABLE 7.13.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Endrin	1.9	mg/kg	1.9	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin aldehyde	4	mg/kg	4	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	gamma-Chlordane	0.3	mg/kg	0.3	mg/kg	Route	6.6E-008	mg/kg-day	5.0E-004	mg/kg-day	--	--	1.3E-004
	Heptachlor	1	mg/kg	1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor epoxide	4	mg/kg	4	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dioxin-like PCBs	4	mg/kg	4	mg/kg	Route	5.8E-007	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.3E-002	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	2,246	mg/kg	2,246	mg/kg	Route	1.6E-003	mg/kg-day	NA	N/A	--	--	--
	Aluminum	17,468	mg/kg	17,468	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Arsenic	25.1	mg/kg	25.1	mg/kg	Route	3.9E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.3E-002
	Barium	869	mg/kg	869	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Cadmium	32.0	mg/kg	32.0	mg/kg	Route	1.6E-007	mg/kg-day	2.5E-005	mg/kg-day	--	--	6.6E-003
	Chromium	32.0	mg/kg	32.0	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Copper	230	mg/kg	230	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Cyanide	0.39	mg/kg	0.39	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Iron	26,753	mg/kg	26,753	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Manganese	463	mg/kg	463	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Mercury	0.44	mg/kg	0.44	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Thallium	0.87	mg/kg	0.87	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Vanadium	43.0	mg/kg	43.0	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Zinc	601	mg/kg	601	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
Inhalation	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	6.2E-007	mg/kg-day	NA	NA	--	--	--
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	1.0E-011	mg/kg-day	NA	NA	--	--	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	9.0E-007	mg/kg-day	1.7E-003	mg/kg-day	--	--	5.3E-004
	cis-1,2-Dichloroethene	2.4	mg/kg	2.4	mg/kg	Route	8.6E-006	mg/kg-day	NA	NA	--	--	--
	Tetrachloroethylene	0.49	mg/kg	0.49	mg/kg	Route	1.8E-006	mg/kg-day	1.1E-001	mg/kg-day	--	--	1.6E-005
	Trichloroethene	2	mg/kg	2	mg/kg	Route	5.6E-006	mg/kg-day	1.1E-002	mg/kg-day	--	--	4.9E-004
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	5.9E-006	mg/kg-day	2.9E-002	mg/kg-day	--	--	2.1E-004
	2-Methylnaphthalene	2.7	mg/kg	2.7	mg/kg	Route	4.1E-007	mg/kg-day	8.6E-004	mg/kg-day	--	--	4.8E-004
	Acenaphthene	1.1	mg/kg	1.1	mg/kg	Route	4.3E-008	mg/kg-day	NA	NA	--	--	--
	Benzo(a)anthracene	2.2	mg/kg	2.2	mg/kg	Route	2.1E-009	mg/kg-day	NA	NA	--	--	--
	Benzo(a)pyrene	2.1	mg/kg	2.1	mg/kg	Route	8.3E-010	mg/kg-day	NA	NA	--	--	--
	Benzo(b)fluoranthene	3.4	mg/kg	3.4	mg/kg	Route	6.3E-009	mg/kg-day	NA	NA	--	--	--
	Benzo(k)fluoranthene	2.4	mg/kg	2.4	mg/kg	Route	6.2E-010	mg/kg-day	NA	NA	--	--	--
	Carbazole	1.2	mg/kg	1.2	mg/kg	Route	4.6E-009	mg/kg-day	NA	NA	--	--	--
	Chrysene	3.2	mg/kg	3.2	mg/kg	Route	1.0E-008	mg/kg-day	NA	NA	--	--	--
	Dibenzofuran	4.7	mg/kg	4.7	mg/kg	Route	9.9E-011	mg/kg-day	NA	NA	--	--	--
	Dibenz(a,h)anthracene	1.8	mg/kg	1.8	mg/kg	Route	2.1E-010	mg/kg-day	NA	NA	--	--	--
	Fluoranthene	419	mg/kg	419	mg/kg	Route	1.2E-006	mg/kg-day	NA	NA	--	--	--
	Fluorene	7.1	mg/kg	7.1	mg/kg	Route	1.2E-007	mg/kg-day	NA	NA	--	--	--
	Indeno(1,2,3-cd)pyrene	1.9	mg/kg	1.9	mg/kg	Route	3.4E-010	mg/kg-day	NA	NA	--	--	--
	Naphthalene	3.2	mg/kg	3.2	mg/kg	Route	4.9E-007	mg/kg-day	8.6E-004	mg/kg-day	--	--	5.7E-004
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	4.8E-009	mg/kg-day	NA	NA	--	--	--
	Pyrene	2.9	mg/kg	2.9	mg/kg	Route	6.6E-009	mg/kg-day	NA	NA	--	--	--

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TABLE 7.13.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	2,3,7,8-TCDD	0.0	mg/kg	0.0	mg/kg	Route	1.7E-013	mg/kg-day	NA	NA	--	--	--
	4,4'-DDE	20.8	mg/kg	20.8	mg/kg	Route	7.6E-009	mg/kg-day	NA	NA	--	--	--
	4,4'-DDT	0.97	mg/kg	0.97	mg/kg	Route	3.0E-010	mg/kg-day	NA	NA	--	--	--
	Acetophenone	0.8	mg/kg	0.8	mg/kg	Route	1.6E-011	mg/kg-day	NA	NA	--	--	--
	Aldrin	17	mg/kg	17	mg/kg	Route	2.1E-008	mg/kg-day	NA	NA	--	--	--
	alpha-BHC	0.91	mg/kg	0.91	mg/kg	Route	1.4E-008	mg/kg-day	NA	NA	--	--	--
	alpha-chlordane	0.69	mg/kg	0.69	mg/kg	Route	2.6E-009	mg/kg-day	2.0E-004	mg/kg-day	--	--	1.3E-005
	Aroclor 1242	29.0	mg/kg	29.0	mg/kg	Route	3.7E-007	mg/kg-day	7.0E-005	mg/kg-day	--	--	5.3E-003
	Aroclor 1248	454	mg/kg	454	mg/kg	Route	5.9E-006	mg/kg-day	2.0E-005	mg/kg-day	--	--	2.9E-001
	Aroclor 1254	1755	mg/kg	1755	mg/kg	Route	2.3E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.1E+000
	Dieldrin	31	mg/kg	31	mg/kg	Route	1.2E-007	mg/kg-day	NA	NA	--	--	--
	Endosulfan sulfate	2.5	mg/kg	2.5	mg/kg	Route	5.3E-011	mg/kg-day	NA	NA	--	--	--
	Endrin	1.9	mg/kg	1.9	mg/kg	Route	7.4E-009	mg/kg-day	NA	NA	--	--	--
	Endrin aldehyde	4	mg/kg	4	mg/kg	Route	1.6E-008	mg/kg-day	NA	NA	--	--	--
	gamma-Chlordane	0.3	mg/kg	0.3	mg/kg	Route	6.7E-012	mg/kg-day	2.0E-004	mg/kg-day	--	--	3.4E-008
	Heptachlor	1	mg/kg	1	mg/kg	Route	2.0E-009	mg/kg-day	NA	NA	--	--	--
	Heptachlor epoxide	4	mg/kg	4	mg/kg	Route	7.0E-009	mg/kg-day	NA	NA	--	--	--
	Dioxin-like PCBs	4	mg/kg	4	mg/kg	Route	8.0E-011	mg/kg-day	NA	NA	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	4.1E-004	mg/kg-day	NA	NA	--	--	--
	Total PCBs	2,246	mg/kg	2,246	mg/kg	Route	2.9E-005	mg/kg-day	NA	NA	--	--	--
	Aluminum	17,468	mg/kg	17,468	mg/kg	Route	3.7E-007	mg/kg-day	1.4E-003	mg/kg-day	--	--	2.6E-004
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	1.2E-010	mg/kg-day	NA	NA	--	--	--
	Arsenic	25.1	mg/kg	25.1	mg/kg	Route	5.3E-010	mg/kg-day	NA	NA	--	--	--
	Barium	869	mg/kg	869	mg/kg	Route	1.8E-008	mg/kg-day	1.4E-004	mg/kg-day	--	--	1.3E-004
	Cadmium	32.0	mg/kg	32.0	mg/kg	Route	6.7E-010	mg/kg-day	5.7E-005	mg/kg-day	--	--	1.2E-005
	Chromium	32.0	mg/kg	32.0	mg/kg	Route	6.7E-010	mg/kg-day	NA	NA	--	--	--
	Copper	230	mg/kg	230	mg/kg	Route	4.8E-009	mg/kg-day	NA	NA	--	--	--
	Cyanide	0.39	mg/kg	0.39	mg/kg	Route	8.2E-012	mg/kg-day	NA	NA	--	--	--
	Iron	26,753	mg/kg	26,753	mg/kg	Route	5.6E-007	mg/kg-day	NA	NA	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	NA	--	--	--
	Manganese	463	mg/kg	463	mg/kg	Route	9.7E-009	mg/kg-day	1.4E-005	mg/kg-day	--	--	6.8E-004
	Mercury	0.44	mg/kg	0.44	mg/kg	Route	1.4E-006	mg/kg-day	NA	NA	--	--	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	2.1E-010	mg/kg-day	NA	NA	--	--	--
	Thallium	0.87	mg/kg	0.87	mg/kg	Route	1.8E-011	mg/kg-day	NA	NA	--	--	--
	Vanadium	43.0	mg/kg	43.0	mg/kg	Route	9.0E-010	mg/kg-day	NA	NA	--	--	--
	Zinc	601	mg/kg	601	mg/kg	Route	1.3E-008	mg/kg-day	NA	NA	--	--	--

Total Hazard Index Across All Exposure Routes/Pathways 1.4E+002

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic.

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TABLE 7.13.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Ingestion	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	1.1E-008	mg/kg-day	9.0E-003	mg/kg-day	--	--	1.2E-006
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	6.4E-008	mg/kg-day	9.0E-004	mg/kg-day	--	--	7.2E-005
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	3.4E-008	mg/kg-day	3.0E-003	mg/kg-day	--	--	1.1E-005
	cis-1,2-Dichloroethene	2.4	mg/kg	2.4	mg/kg	Route	3.2E-007	mg/kg-day	1.0E-002	mg/kg-day	--	--	3.2E-005
	Tetrachloroethylene	0.49	mg/kg	0.49	mg/kg	Route	6.6E-008	mg/kg-day	1.0E-002	mg/kg-day	--	--	6.6E-006
	Trichloroethene	2.0	mg/kg	2.0	mg/kg	Route	2.7E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	8.9E-004
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	5.6E-008	mg/kg-day	3.0E-003	mg/kg-day	--	--	1.9E-005
	2-Methylnaphthalene	2.7	mg/kg	2.7	mg/kg	Route	3.6E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.8E-005
	Acenaphthene	1.1	mg/kg	1.1	mg/kg	Route	1.5E-007	mg/kg-day	6.0E-002	mg/kg-day	--	--	2.5E-006
	Benzo(a)anthracene	2.2	mg/kg	2.2	mg/kg	Route	3.0E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	2.1	mg/kg	2.1	mg/kg	Route	2.8E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	3.4	mg/kg	3.4	mg/kg	Route	4.6E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	2.4	mg/kg	2.4	mg/kg	Route	3.2E-007	mg/kg-day	NA	N/A	--	--	--
	Carbazole	1.2	mg/kg	1.2	mg/kg	Route	1.6E-007	mg/kg-day	NA	N/A	--	--	--
	Chrysene	3.2	mg/kg	3.2	mg/kg	Route	4.3E-007	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	4.7	mg/kg	4.7	mg/kg	Route	6.3E-007	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	1.8	mg/kg	1.8	mg/kg	Route	2.4E-007	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	419.0	mg/kg	419.0	mg/kg	Route	5.6E-005	mg/kg-day	4.0E-002	mg/kg-day	--	--	1.4E-003
	Fluorene	7.1	mg/kg	7.1	mg/kg	Route	9.5E-007	mg/kg-day	4.0E-002	mg/kg-day	--	--	2.4E-005
	Indeno(1,2,3-cd)pyrene	1.9	mg/kg	1.9	mg/kg	Route	2.5E-007	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	3.2	mg/kg	3.2	mg/kg	Route	4.3E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	2.1E-005
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	2.8E-007	mg/kg-day	3.0E-002	mg/kg-day	--	--	9.4E-006
	Pyrene	2.9	mg/kg	2.9	mg/kg	Route	3.9E-007	mg/kg-day	3.0E-002	mg/kg-day	--	--	1.3E-005
	2,3,7,8-TCDD	0	mg/kg	0	mg/kg	Route	1.1E-009	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	20.8	mg/kg	20.8	mg/kg	Route	2.8E-006	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDT	1.0	mg/kg	1.0	mg/kg	Route	1.3E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	2.6E-004
	Acetophenone	1	mg/kg	1	mg/kg	Route	1.0E-007	mg/kg-day	1.0E-001	mg/kg-day	--	--	1.0E-006
	Aldrin	17	mg/kg	17	mg/kg	Route	2.3E-006	mg/kg-day	3.0E-005	mg/kg-day	--	--	7.6E-002
	alpha-BHC	0.91	mg/kg	0.91	mg/kg	Route	1.2E-007	mg/kg-day	NA	N/A	--	--	--
	alpha-chlordane	0.7	mg/kg	0.7	mg/kg	Route	9.3E-008	mg/kg-day	5.0E-004	mg/kg-day	--	--	1.9E-004
	Aroclor 1242	29	mg/kg	29	mg/kg	Route	3.9E-006	mg/kg-day	7.0E-005	mg/kg-day	--	--	5.6E-002
	Aroclor 1248	454.0	mg/kg	454.0	mg/kg	Route	6.1E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	3.0E+000
	Aroclor 1254	1755	mg/kg	1755	mg/kg	Route	2.4E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.2E+001
	Dieldrin	31.0	mg/kg	31.0	mg/kg	Route	4.2E-006	mg/kg-day	5.0E-005	mg/kg-day	--	--	8.3E-002
	Endosulfan sulfate	2.5	mg/kg	2.5	mg/kg	Route	3.4E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.1E-003
	Endrin	1.9	mg/kg	1.9	mg/kg	Route	2.5E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	8.5E-004
	Endrin aldehyde	4.0	mg/kg	4.0	mg/kg	Route	5.4E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.8E-003
	gamma-Chlordane	0	mg/kg	0	mg/kg	Route	4.3E-008	mg/kg-day	5.0E-004	mg/kg-day	--	--	8.6E-005
	Heptachlor	1	mg/kg	1	mg/kg	Route	7.2E-008	mg/kg-day	5.0E-004	mg/kg-day	--	--	1.4E-004
	Heptachlor epoxide	4	mg/kg	4	mg/kg	Route	5.5E-007	mg/kg-day	1.3E-005	mg/kg-day	--	--	4.2E-002
	Dioxin-like PCBs	4	mg/kg	4	mg/kg	Route	5.1E-007	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	4.2E-003	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	2,246	mg/kg	2,246	mg/kg	Route	3.0E-004	mg/kg-day	NA	N/A	--	--	--

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TABLE 7.13.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Aluminum	17,468	mg/kg	17,468	mg/kg	Route	2.3E-003	mg/kg-day	1.0E+000	mg/kg-day	--	--	2.3E-003
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	7.6E-007	mg/kg-day	4.0E-004	mg/kg-day	--	--	1.9E-003
	Arsenic	25	mg/kg	25	mg/kg	Route	3.4E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.1E-002
	Barium	869	mg/kg	869	mg/kg	Route	1.2E-004	mg/kg-day	7.0E-002	mg/kg-day	--	--	1.7E-003
	Cadmium	32	mg/kg	32	mg/kg	Route	4.3E-006	mg/kg-day	1.0E-003	mg/kg-day	--	--	4.3E-003
	Chromium	32	mg/kg	32	mg/kg	Route	4.3E-006	mg/kg-day	3.0E-003	mg/kg-day	--	--	1.4E-003
	Copper	230	mg/kg	230	mg/kg	Route	3.1E-005	mg/kg-day	3.7E-002	mg/kg-day	--	--	8.3E-004
	Cyanide	0.39	mg/kg	0.39	mg/kg	Route	5.2E-008	mg/kg-day	2.0E-002	mg/kg-day	--	--	2.6E-006
	Iron	26,753	mg/kg	26,753	mg/kg	Route	3.6E-003	mg/kg-day	3.0E-001	mg/kg-day	--	--	1.2E-002
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--	--	--
	Manganese	463	mg/kg	463	mg/kg	Route	6.2E-005	mg/kg-day	2.3E-002	mg/kg-day	--	--	2.7E-003
	Mercury	0.44	mg/kg	0.44	mg/kg	Route	5.9E-008	mg/kg-day	3.0E-004	mg/kg-day	--	--	2.0E-004
	Silver	9.8	mg/kg	9.8	mg/kg	Route	1.3E-006	mg/kg-day	5.0E-003	mg/kg-day	--	--	2.6E-004
	Thallium	0.87	mg/kg	0.87	mg/kg	Route	1.2E-007	mg/kg-day	8.0E-005	mg/kg-day	--	--	1.5E-003
	Vanadium	43	mg/kg	43	mg/kg	Route	5.8E-006	mg/kg-day	7.0E-003	mg/kg-day	--	--	8.2E-004
	Zinc	601	mg/kg	601	mg/kg	Route	8.1E-005	mg/kg-day	3.0E-001	mg/kg-day	--	--	2.7E-004
Dermal Absorption	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	cis-1,2-Dichloroethene	2.4	mg/kg	2.4	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Tetrachloroethylene	0.49	mg/kg	0.49	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Trichloroethene	2.0	mg/kg	2.0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	2-Methylnaphthalene	2.7	mg/kg	2.7	mg/kg	Route	1.8E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	9.0E-006
	Acenaphthene	1.1	mg/kg	1.1	mg/kg	Route	7.3E-008	mg/kg-day	6.0E-002	mg/kg-day	--	--	1.2E-006
	Benzo(a)anthracene	2.2	mg/kg	2.2	mg/kg	Route	1.5E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	2.1	mg/kg	2.1	mg/kg	Route	1.4E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	3.4	mg/kg	3.4	mg/kg	Route	2.3E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	2.4	mg/kg	2.4	mg/kg	Route	1.6E-007	mg/kg-day	NA	N/A	--	--	--
	Carbazole	1.2	mg/kg	1.2	mg/kg	Route	6.1E-008	mg/kg-day	NA	N/A	--	--	--
	Chrysene	3.2	mg/kg	3.2	mg/kg	Route	2.1E-007	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	4.7	mg/kg	4.7	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	1.8	mg/kg	1.8	mg/kg	Route	1.2E-007	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	419.0	mg/kg	419.0	mg/kg	Route	2.8E-005	mg/kg-day	4.0E-002	mg/kg-day	--	--	7.0E-004
	Fluorene	7.1	mg/kg	7.1	mg/kg	Route	4.7E-007	mg/kg-day	4.0E-002	mg/kg-day	--	--	1.2E-005
	Indeno(1,2,3-cd)pyrene	1.9	mg/kg	1.9	mg/kg	Route	1.3E-007	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	3.2	mg/kg	3.2	mg/kg	Route	2.1E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.1E-005
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	1.4E-007	mg/kg-day	3.0E-002	mg/kg-day	--	--	4.7E-006
	Pyrene	2.9	mg/kg	2.9	mg/kg	Route	1.9E-007	mg/kg-day	3.0E-002	mg/kg-day	--	--	6.4E-006
	2,3,7,8-TCDD	0	mg/kg	0	mg/kg	Route	1.2E-010	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	20.8	mg/kg	20.8	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	4,4'-DDT	1.0	mg/kg	1.0	mg/kg	Route	1.5E-008	mg/kg-day	5.0E-004	mg/kg-day	--	--	3.0E-005
	Acetophenone	1	mg/kg	1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--

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TABLE 7.13.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Aldrin	17	mg/kg	17	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-BHC	0.91	mg/kg	0.91	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-chlordane	0.7	mg/kg	0.7	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aroclor 1242	29	mg/kg	29	mg/kg	Route	2.1E-006	mg/kg-day	7.0E-005	mg/kg-day	--	--	3.0E-002
	Aroclor 1248	454.0	mg/kg	454.0	mg/kg	Route	3.3E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.6E+000
	Aroclor 1254	1755	mg/kg	1755	mg/kg	Route	1.3E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	6.3E+000
	Dieldrin	31.0	mg/kg	31.0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endosulfan sulfate	2.5	mg/kg	2.5	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin	1.9	mg/kg	1.9	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin aldehyde	4.0	mg/kg	4.0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	gamma-Chlordane	0	mg/kg	0	mg/kg	Route	6.6E-009	mg/kg-day	5.0E-004	mg/kg-day	--	--	1.3E-005
	Heptachlor	1	mg/kg	1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor epoxide	4	mg/kg	4	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dioxin-like PCBs	4	mg/kg	4	mg/kg	Route	5.8E-008	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.3E-003	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	2,246	mg/kg	2,246	mg/kg	Route	1.6E-004	mg/kg-day	NA	N/A	--	--	--
	Aluminum	17,468	mg/kg	17,468	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Arsenic	25	mg/kg	25	mg/kg	Route	3.9E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.3E-003
	Barium	869	mg/kg	869	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Cadmium	32	mg/kg	32	mg/kg	Route	1.6E-008	mg/kg-day	2.5E-005	mg/kg-day	--	--	6.6E-004
	Chromium	32	mg/kg	32	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Copper	230	mg/kg	230	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Cyanide	0.39	mg/kg	0.39	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Iron	26,753	mg/kg	26,753	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Manganese	463	mg/kg	463	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Mercury	0.44	mg/kg	0.44	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Thallium	0.87	mg/kg	0.87	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Vanadium	43	mg/kg	43	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Zinc	601	mg/kg	601	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
Inhalation	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	1.3E-007	mg/kg-day	NA	NA	--	--	--
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	2.1E-012	mg/kg-day	NA	NA	--	--	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	1.9E-007	mg/kg-day	1.7E-003	mg/kg-day	--	--	1.1E-004
	cis-1,2-Dichloroethene	2.4	mg/kg	2.4	mg/kg	Route	1.8E-006	mg/kg-day	NA	NA	--	--	--
	Tetrachloroethylene	0.49	mg/kg	0.49	mg/kg	Route	3.8E-007	mg/kg-day	1.1E-001	mg/kg-day	--	--	3.3E-006
	Trichloroethene	2.0	mg/kg	2.0	mg/kg	Route	1.2E-006	mg/kg-day	1.1E-002	mg/kg-day	--	--	1.0E-004
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	1.2E-006	mg/kg-day	2.9E-002	mg/kg-day	--	--	4.3E-005
	2-Methylnaphthalene	2.7	mg/kg	2.7	mg/kg	Route	8.6E-008	mg/kg-day	8.6E-004	mg/kg-day	--	--	1.0E-004
	Acenaphthene	1.1	mg/kg	1.1	mg/kg	Route	8.9E-009	mg/kg-day	NA	NA	--	--	--
	Benzo(a)anthracene	2.2	mg/kg	2.2	mg/kg	Route	4.3E-010	mg/kg-day	NA	NA	--	--	--
	Benzo(a)pyrene	2.1	mg/kg	2.1	mg/kg	Route	1.7E-010	mg/kg-day	NA	NA	--	--	--

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TABLE 7.13.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Benzo(b)fluoranthene	3.4	mg/kg	3.4	mg/kg	Route	1.3E-009	mg/kg-day	NA	NA	--	--	--
	Benzo(k)fluoranthene	2.4	mg/kg	2.4	mg/kg	Route	1.3E-010	mg/kg-day	NA	NA	--	--	--
	Carbazole	1.2	mg/kg	1.2	mg/kg	Route	9.6E-010	mg/kg-day	NA	NA	--	--	--
	Chrysene	3.2	mg/kg	3.2	mg/kg	Route	2.1E-009	mg/kg-day	NA	NA	--	--	--
	Dibenzofuran	4.7	mg/kg	4.7	mg/kg	Route	2.1E-011	mg/kg-day	NA	NA	--	--	--
	Dibenz(a,h)anthracene	1.8	mg/kg	1.8	mg/kg	Route	4.5E-011	mg/kg-day	NA	NA	--	--	--
	Fluoranthene	419.0	mg/kg	419.0	mg/kg	Route	2.5E-007	mg/kg-day	NA	NA	--	--	--
	Fluorene	7.1	mg/kg	7.1	mg/kg	Route	2.5E-008	mg/kg-day	NA	NA	--	--	--
	Indeno(1,2,3-cd)pyrene	1.9	mg/kg	1.9	mg/kg	Route	7.2E-011	mg/kg-day	NA	NA	--	--	--
	Naphthalene	3.2	mg/kg	3.2	mg/kg	Route	1.0E-007	mg/kg-day	8.6E-004	mg/kg-day	--	--	1.2E-004
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	1.0E-009	mg/kg-day	NA	NA	--	--	--
	Pyrene	2.9	mg/kg	2.9	mg/kg	Route	1.4E-009	mg/kg-day	NA	NA	--	--	--
	2,3,7,8-TCDD	0	mg/kg	0	mg/kg	Route	3.5E-014	mg/kg-day	NA	NA	--	--	--
	4,4'-DDE	20.8	mg/kg	20.8	mg/kg	Route	1.6E-009	mg/kg-day	NA	NA	--	--	--
	4,4'-DDT	1.0	mg/kg	1.0	mg/kg	Route	6.2E-011	mg/kg-day	NA	NA	--	--	--
	Acetophenone	1	mg/kg	1	mg/kg	Route	3.3E-012	mg/kg-day	NA	NA	--	--	--
	Aldrin	17	mg/kg	17	mg/kg	Route	4.4E-009	mg/kg-day	NA	NA	--	--	--
	alpha-BHC	0.91	mg/kg	0.91	mg/kg	Route	2.9E-009	mg/kg-day	NA	NA	--	--	--
	alpha-chlordane	0.7	mg/kg	0.7	mg/kg	Route	5.4E-010	mg/kg-day	2.0E-004	mg/kg-day	--	--	2.7E-006
	Aroclor 1242	29	mg/kg	29	mg/kg	Route	7.8E-008	mg/kg-day	7.0E-005	mg/kg-day	--	--	1.1E-003
	Aroclor 1248	454.0	mg/kg	454.0	mg/kg	Route	1.2E-006	mg/kg-day	2.0E-005	mg/kg-day	--	--	6.1E-002
	Aroclor 1254	1755	mg/kg	1755	mg/kg	Route	4.7E-006	mg/kg-day	2.0E-005	mg/kg-day	--	--	2.4E-001
	Dieldrin	31.0	mg/kg	31.0	mg/kg	Route	2.6E-008	mg/kg-day	NA	NA	--	--	--
	Endosulfan sulfate	2.5	mg/kg	2.5	mg/kg	Route	1.1E-011	mg/kg-day	NA	NA	--	--	--
	Endrin	1.9	mg/kg	1.9	mg/kg	Route	1.5E-009	mg/kg-day	NA	NA	--	--	--
	Endrin aldehyde	4.0	mg/kg	4.0	mg/kg	Route	3.3E-009	mg/kg-day	NA	NA	--	--	--
	gamma-Chlordane	0	mg/kg	0	mg/kg	Route	1.4E-012	mg/kg-day	2.0E-004	mg/kg-day	--	--	7.0E-009
	Heptachlor	1	mg/kg	1	mg/kg	Route	4.3E-010	mg/kg-day	NA	NA	--	--	--
	Heptachlor epoxide	4	mg/kg	4	mg/kg	Route	1.5E-009	mg/kg-day	NA	NA	--	--	--
	Dioxin-like PCBs	4	mg/kg	4	mg/kg	Route	1.7E-011	mg/kg-day	NA	NA	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	8.5E-005	mg/kg-day	NA	NA	--	--	--
	Total PCBs	2,246	mg/kg	2,246	mg/kg	Route	6.0E-006	mg/kg-day	NA	NA	--	--	--
	Aluminum	17,468	mg/kg	17,468	mg/kg	Route	7.7E-008	mg/kg-day	1.4E-003	mg/kg-day	--	--	5.4E-005
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	2.5E-011	mg/kg-day	NA	NA	--	--	--
	Arsenic	25	mg/kg	25	mg/kg	Route	1.1E-010	mg/kg-day	NA	NA	--	--	--
	Barium	869	mg/kg	869	mg/kg	Route	3.8E-009	mg/kg-day	1.4E-004	mg/kg-day	--	--	2.7E-005
	Cadmium	32	mg/kg	32	mg/kg	Route	1.4E-010	mg/kg-day	5.7E-005	mg/kg-day	--	--	2.5E-006
	Chromium	32	mg/kg	32	mg/kg	Route	1.4E-010	mg/kg-day	NA	NA	--	--	--
	Copper	230	mg/kg	230	mg/kg	Route	1.0E-009	mg/kg-day	NA	NA	--	--	--
	Cyanide	0.39	mg/kg	0.39	mg/kg	Route	1.7E-012	mg/kg-day	NA	NA	--	--	--
	Iron	26,753	mg/kg	26,753	mg/kg	Route	1.2E-007	mg/kg-day	NA	NA	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	NA	--	--	--
	Manganese	463	mg/kg	463	mg/kg	Route	2.0E-009	mg/kg-day	1.4E-005	mg/kg-day	--	--	1.4E-004

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TABLE 7.13.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Mercury	0.44	mg/kg	0.44	mg/kg	Route	2.9E-007	mg/kg-day	NA	NA	--	--	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	4.3E-011	mg/kg-day	NA	NA	--	--	--
	Thallium	0.87	mg/kg	0.87	mg/kg	Route	3.8E-012	mg/kg-day	NA	NA	--	--	--
	Vanadium	43	mg/kg	43	mg/kg	Route	1.9E-010	mg/kg-day	NA	NA	--	--	--
	Zinc	601	mg/kg	601	mg/kg	Route	2.6E-009	mg/kg-day	NA	NA	--	--	--
												Total Hazard Index Across All Exposure Routes/Pathways	2.3E+001

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic.

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TABLE 7.14.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Ingestion	Benzene	0.001	mg/kg	0.001	mg/kg	Route	8.8E-010	mg/kg-day	3.0E-003	mg/kg-day	--	--	2.9E-007
	Trichloroethene	0.04	mg/kg	0.04	mg/kg	Route	3.5E-008	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.2E-004
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	7.6E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	3.8E-005
	Benzo(a)anthracene	1.6	mg/kg	1.6	mg/kg	Route	1.4E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	1.3	mg/kg	1.3	mg/kg	Route	1.1E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	1.1E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	1.6	mg/kg	1.6	mg/kg	Route	1.4E-006	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	4.7E-007	mg/kg-day	NA	N/A	--	--	--
	Indeno(1,2,3-cd)pyrene	0.81	mg/kg	0.81	mg/kg	Route	7.1E-007	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	1.8E-006	mg/kg-day	NA	N/A	--	--	--
	Aldrin	2.4	mg/kg	2.4	mg/kg	Route	2.1E-006	mg/kg-day	3.0E-005	mg/kg-day	--	--	7.0E-002
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	1.4E-007	mg/kg-day	NA	N/A	--	--	--
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	1.2E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	2.5E-004
	Aroclor 1242	9.6	mg/kg	9.6	mg/kg	Route	8.5E-006	mg/kg-day	7.0E-005	mg/kg-day	--	--	1.2E-001
	Aroclor 1248	62.7	mg/kg	62.7	mg/kg	Route	5.5E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	2.8E+000
	Aroclor 1254	108	mg/kg	108	mg/kg	Route	9.5E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	4.8E+000
	Dieldrin	2.9	mg/kg	2.9	mg/kg	Route	2.6E-006	mg/kg-day	5.0E-005	mg/kg-day	--	--	5.1E-002
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	2.8E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	9.4E-004
	Endrin	1.8	mg/kg	1.8	mg/kg	Route	1.6E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	5.3E-003
	Heptachlor	2	mg/kg	2	mg/kg	Route	1.6E-006	mg/kg-day	5.0E-004	mg/kg-day	--	--	3.2E-003
	Heptachlor epoxide	1	mg/kg	1	mg/kg	Route	8.0E-007	mg/kg-day	1.3E-005	mg/kg-day	--	--	6.2E-002
	Total PCBs	154	mg/kg	154	mg/kg	Route	1.4E-004	mg/kg-day	NA	N/A	--	--	--
	Aluminum	13580	mg/kg	13580	mg/kg	Route	1.2E-002	mg/kg-day	1.0E+000	mg/kg-day	--	--	1.2E-002
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	2.8E-006	mg/kg-day	4.0E-004	mg/kg-day	--	--	7.0E-003
	Arsenic	21	mg/kg	21	mg/kg	Route	1.8E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	6.2E-002
	Barium	292.0	mg/kg	292.0	mg/kg	Route	2.6E-004	mg/kg-day	7.0E-002	mg/kg-day	--	--	3.7E-003
	Cadmium	12.8	mg/kg	12.8	mg/kg	Route	1.1E-005	mg/kg-day	1.0E-003	mg/kg-day	--	--	1.1E-002
	Chromium	25	mg/kg	25	mg/kg	Route	2.2E-005	mg/kg-day	3.0E-003	mg/kg-day	--	--	7.3E-003
	Copper	308	mg/kg	308	mg/kg	Route	2.7E-004	mg/kg-day	3.7E-002	mg/kg-day	--	--	7.3E-003
	Iron	25,928	mg/kg	25,928	mg/kg	Route	2.3E-002	mg/kg-day	3.0E-001	mg/kg-day	--	--	7.6E-002
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--	--	--
	Manganese	799	mg/kg	799	mg/kg	Route	7.0E-004	mg/kg-day	2.3E-002	mg/kg-day	--	--	3.1E-002
	Mercury	0.73	mg/kg	0.73	mg/kg	Route	6.4E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	2.1E-003
	Nickel	53.0	mg/kg	53.0	mg/kg	Route	4.7E-005	mg/kg-day	2.0E-002	mg/kg-day	--	--	2.3E-003
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	2.5E-006	mg/kg-day	8.0E-005	mg/kg-day	--	--	3.1E-002
	Vanadium	39.0	mg/kg	39.0	mg/kg	Route	3.4E-005	mg/kg-day	7.0E-003	mg/kg-day	--	--	4.9E-003
	Cyanide	0.51	mg/kg	0.51	mg/kg	Route	4.5E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	2.2E-005
Dermal Absorption	Benzene	0.001	mg/kg	0.001	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Trichloroethene	0.04	mg/kg	0.04	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	6.5E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	3.2E-005
	Benzo(a)anthracene	1.6	mg/kg	1.6	mg/kg	Route	1.2E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	1.3	mg/kg	1.3	mg/kg	Route	9.8E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	9.1E-007	mg/kg-day	NA	N/A	--	--	--

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TABLE 7.14 RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Benzo(k)fluoranthene	1.6	mg/kg	1.6	mg/kg	Route	1.2E-006	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	4.0E-007	mg/kg-day	NA	N/A	--	--	--
	Indeno(1,2,3-cd)pyrene	0.81	mg/kg	0.81	mg/kg	Route	6.1E-007	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aldrin	2.4	mg/kg	2.4	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aroclor 1242	9.6	mg/kg	9.6	mg/kg	Route	7.8E-006	mg/kg-day	7.0E-005	mg/kg-day	--	--	1.1E-001
	Aroclor 1248	62.7	mg/kg	62.7	mg/kg	Route	5.1E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	2.6E+000
	Aroclor 1254	108	mg/kg	108	mg/kg	Route	8.8E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	4.4E+000
	Dieldrin	2.9	mg/kg	2.9	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin	1.8	mg/kg	1.8	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor	2	mg/kg	2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor epoxide	1	mg/kg	1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Total PCBs	154	mg/kg	154	mg/kg	Route	1.3E-004	mg/kg-day	NA	N/A	--	--	--
	Aluminum	13580	mg/kg	13580	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Arsenic	21	mg/kg	21	mg/kg	Route	3.7E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.2E-002
	Barium	292.0	mg/kg	292.0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Cadmium	12.8	mg/kg	12.8	mg/kg	Route	7.4E-008	mg/kg-day	2.5E-005	mg/kg-day	--	--	3.0E-003
	Chromium	25	mg/kg	25	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Copper	308	mg/kg	308	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Iron	25,928	mg/kg	25,928	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Manganese	799	mg/kg	799	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Mercury	0.73	mg/kg	0.73	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Nickel	53.0	mg/kg	53.0	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Vanadium	39.0	mg/kg	39.0	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Cyanide	0.51	mg/kg	0.51	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
Inhalation	Benzene	0.001	mg/kg	0.001	mg/kg	Route	3.0E-008	mg/kg-day	1.7E-003	mg/kg-day	--	--	1.7E-005
	Trichloroethene	0.04	mg/kg	0.04	mg/kg	Route	9.2E-007	mg/kg-day	1.1E-002	mg/kg-day	--	--	8.0E-005
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	1.1E-006	mg/kg-day	8.6E-004	mg/kg-day	--	--	1.3E-003
	Benzo(a)anthracene	1.6	mg/kg	1.6	mg/kg	Route	1.3E-008	mg/kg-day	NA	NA	--	--	--
	Benzo(a)pyrene	1.3	mg/kg	1.3	mg/kg	Route	4.3E-009	mg/kg-day	NA	NA	--	--	--
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	1.8E-008	mg/kg-day	NA	NA	--	--	--
	Benzo(k)fluoranthene	1.6	mg/kg	1.6	mg/kg	Route	3.6E-009	mg/kg-day	NA	NA	--	--	--
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	5.8E-010	mg/kg-day	NA	NA	--	--	--
	Indeno(1,2,3-cd)pyrene	0.81	mg/kg	0.81	mg/kg	Route	1.3E-009	mg/kg-day	NA	NA	--	--	--
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	6.2E-009	mg/kg-day	NA	NA	--	--	--
	Aldrin	2.4	mg/kg	2.4	mg/kg	Route	2.5E-008	mg/kg-day	NA	NA	--	--	--
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	2.0E-008	mg/kg-day	NA	NA	--	--	--

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TABLE 7.14.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	4.4E-009	mg/kg-day	2.0E-004	mg/kg-day	--	--	2.2E-005
	Aroclor 1242	9.6	mg/kg	9.6	mg/kg	Route	1.7E-006	mg/kg-day	7.0E-005	mg/kg-day	--	--	2.4E-002
	Aroclor 1248	62.7	mg/kg	62.7	mg/kg	Route	1.1E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	5.5E-001
	Aroclor 1254	108	mg/kg	108	mg/kg	Route	1.9E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	9.5E-001
	Dieldrin	2.9	mg/kg	2.9	mg/kg	Route	9.6E-008	mg/kg-day	NA	NA	--	--	--
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	9.2E-011	mg/kg-day	NA	NA	--	--	--
	Endrin	1.8	mg/kg	1.8	mg/kg	Route	5.8E-008	mg/kg-day	NA	NA	--	--	--
	Heptachlor	2	mg/kg	2	mg/kg	Route	5.6E-008	mg/kg-day	NA	NA	--	--	--
	Heptachlor epoxide	1	mg/kg	1	mg/kg	Route	1.3E-008	mg/kg-day	NA	NA	--	--	--
	Total PCBs	154	mg/kg	154	mg/kg	Route	2.7E-005	mg/kg-day	NA	NA	--	--	--
	Aluminum	13580	mg/kg	13580	mg/kg	Route	3.9E-006	mg/kg-day	1.4E-003	mg/kg-day	--	--	2.7E-003
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	9.2E-010	mg/kg-day	NA	NA	--	--	--
	Arsenic	21	mg/kg	21	mg/kg	Route	6.0E-009	mg/kg-day	NA	NA	--	--	--
	Barium	292.0	mg/kg	292.0	mg/kg	Route	8.4E-008	mg/kg-day	1.4E-004	mg/kg-day	--	--	5.9E-004
	Cadmium	12.8	mg/kg	12.8	mg/kg	Route	3.7E-009	mg/kg-day	5.7E-005	mg/kg-day	--	--	6.4E-005
	Chromium	25	mg/kg	25	mg/kg	Route	7.1E-009	mg/kg-day	NA	NA	--	--	--
	Copper	308	mg/kg	308	mg/kg	Route	8.9E-008	mg/kg-day	NA	NA	--	--	--
	Iron	25,928	mg/kg	25,928	mg/kg	Route	7.5E-006	mg/kg-day	NA	NA	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	NA	--	--	--
	Manganese	799	mg/kg	799	mg/kg	Route	2.3E-007	mg/kg-day	1.4E-005	mg/kg-day	--	--	1.6E-002
	Mercury	0.73	mg/kg	0.73	mg/kg	Route	1.9E-005	mg/kg-day	NA	NA	--	--	--
	Nickel	53.0	mg/kg	53.0	mg/kg	Route	1.5E-008	mg/kg-day	NA	NA	--	--	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	8.1E-010	mg/kg-day	NA	NA	--	--	--
	Vanadium	39.0	mg/kg	39.0	mg/kg	Route	1.1E-008	mg/kg-day	NA	NA	--	--	--
	Cyanide	0.51	mg/kg	0.51	mg/kg	Route	1.5E-010	mg/kg-day	NA	NA	--	--	--
												Total Hazard Index Across All Exposure Routes/Pathways	1.7E+001

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic.

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TABLE 7.14.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Ingestion	Benzene	0.001	mg/kg	0.001	mg/kg	Route	8.6E-010	mg/kg-day	3.0E-003	mg/kg-day	--	--	2.9E-007
	Trichloroethene	0.04	mg/kg	0.04	mg/kg	Route	3.4E-008	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.1E-004
	2-Methylnaphthalene	0.9	mg/kg	0.9	mg/kg	Route	7.4E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	3.7E-005
	Benzo(a)anthracene	1.6	mg/kg	1.6	mg/kg	Route	1.4E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	1.3	mg/kg	1.3	mg/kg	Route	1.1E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	1.0E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	1.6	mg/kg	1.6	mg/kg	Route	1.4E-006	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	4.5E-007	mg/kg-day	NA	N/A	--	--	--
	Indeno(1,2,3-cd)pyrene	0.81	mg/kg	0.81	mg/kg	Route	6.9E-007	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	2.0	mg/kg	2.0	mg/kg	Route	1.7E-006	mg/kg-day	NA	N/A	--	--	--
	Aldrin	2.4	mg/kg	2.4	mg/kg	Route	2.1E-006	mg/kg-day	3.0E-005	mg/kg-day	--	--	6.9E-002
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	1.4E-007	mg/kg-day	NA	N/A	--	--	--
	alpha-chlordane	0.1	mg/kg	0.1	mg/kg	Route	1.2E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	2.4E-004
	Aroclor 1242	9.6	mg/kg	9.6	mg/kg	Route	8.2E-006	mg/kg-day	7.0E-005	mg/kg-day	--	--	1.2E-001
	Aroclor 1248	62.7	mg/kg	62.7	mg/kg	Route	5.4E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	2.7E+000
	Aroclor 1254	108.0	mg/kg	108.0	mg/kg	Route	9.3E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	4.6E+000
	Dieldrin	2.9	mg/kg	2.9	mg/kg	Route	2.5E-006	mg/kg-day	5.0E-005	mg/kg-day	--	--	5.0E-002
	Endosulfan sulfate	0.3	mg/kg	0.3	mg/kg	Route	2.7E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	9.1E-004
	Endrin	2	mg/kg	2	mg/kg	Route	1.5E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	5.1E-003
	Heptachlor	2	mg/kg	2	mg/kg	Route	1.5E-006	mg/kg-day	5.0E-004	mg/kg-day	--	--	3.1E-003
	Heptachlor epoxide	1	mg/kg	1	mg/kg	Route	7.8E-007	mg/kg-day	1.3E-005	mg/kg-day	--	--	6.0E-002
	Total PCBs	154	mg/kg	154	mg/kg	Route	1.3E-004	mg/kg-day	NA	N/A	--	--	--
	Aluminum	13580	mg/kg	13580	mg/kg	Route	1.2E-002	mg/kg-day	1.0E+000	mg/kg-day	--	--	1.2E-002
	Antimony	3	mg/kg	3	mg/kg	Route	2.7E-006	mg/kg-day	4.0E-004	mg/kg-day	--	--	6.9E-003
	Arsenic	21	mg/kg	21	mg/kg	Route	1.8E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	6.0E-002
	Barium	292	mg/kg	292	mg/kg	Route	2.5E-004	mg/kg-day	7.0E-002	mg/kg-day	--	--	3.6E-003
	Cadmium	13	mg/kg	13	mg/kg	Route	1.1E-005	mg/kg-day	1.0E-003	mg/kg-day	--	--	1.1E-002
	Chromium	25	mg/kg	25	mg/kg	Route	2.1E-005	mg/kg-day	3.0E-003	mg/kg-day	--	--	7.1E-003
	Copper	308	mg/kg	308	mg/kg	Route	2.6E-004	mg/kg-day	3.7E-002	mg/kg-day	--	--	7.1E-003
	Iron	25,928	mg/kg	25,928	mg/kg	Route	2.2E-002	mg/kg-day	3.0E-001	mg/kg-day	--	--	7.4E-002
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--	--	--
	Manganese	799	mg/kg	799	mg/kg	Route	6.8E-004	mg/kg-day	2.3E-002	mg/kg-day	--	--	3.0E-002
	Mercury	0.73	mg/kg	0.73	mg/kg	Route	6.3E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	2.1E-003
	Nickel	53	mg/kg	53	mg/kg	Route	4.5E-005	mg/kg-day	2.0E-002	mg/kg-day	--	--	2.3E-003
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	2.4E-006	mg/kg-day	8.0E-005	mg/kg-day	--	--	3.0E-002
	Vanadium	39	mg/kg	39	mg/kg	Route	3.3E-005	mg/kg-day	7.0E-003	mg/kg-day	--	--	4.8E-003
	Cyanide	0.51	mg/kg	0.51	mg/kg	Route	4.4E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	2.2E-005
Dermal Absorption	Benzene	0.001	mg/kg	0.001	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Trichloroethene	0.04	mg/kg	0.04	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	2-Methylnaphthalene	0.9	mg/kg	0.9	mg/kg	Route	6.3E-008	mg/kg-day	2.0E-002	mg/kg-day	--	--	3.2E-006
	Benzo(a)anthracene	1.6	mg/kg	1.6	mg/kg	Route	1.2E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	1.3	mg/kg	1.3	mg/kg	Route	9.6E-008	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	8.8E-008	mg/kg-day	NA	N/A	--	--	--

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TABLE 7.14.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Benzo(k)fluoranthene	1.6	mg/kg	1.6	mg/kg	Route	1.2E-007	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	3.9E-008	mg/kg-day	NA	N/A	--	--	--
	Indeno(1,2,3-cd)pyrene	0.81	mg/kg	0.81	mg/kg	Route	6.0E-008	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	2.0	mg/kg	2.0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aldrin	2.4	mg/kg	2.4	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-chlordane	0.1	mg/kg	0.1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aroclor 1242	9.6	mg/kg	9.6	mg/kg	Route	7.6E-007	mg/kg-day	7.0E-005	mg/kg-day	--	--	1.1E-002
	Aroclor 1248	62.7	mg/kg	62.7	mg/kg	Route	5.0E-006	mg/kg-day	2.0E-005	mg/kg-day	--	--	2.5E-001
	Aroclor 1254	108.0	mg/kg	108.0	mg/kg	Route	8.6E-006	mg/kg-day	2.0E-005	mg/kg-day	--	--	4.3E-001
	Dieldrin	2.9	mg/kg	2.9	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endosulfan sulfate	0.3	mg/kg	0.3	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin	2	mg/kg	2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor	2	mg/kg	2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor epoxide	1	mg/kg	1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Total PCBs	154	mg/kg	154	mg/kg	Route	1.2E-005	mg/kg-day	NA	N/A	--	--	--
	Aluminum	13580	mg/kg	13580	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Antimony	3	mg/kg	3	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Arsenic	21	mg/kg	21	mg/kg	Route	3.6E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.2E-003
	Barium	292	mg/kg	292	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Cadmium	13	mg/kg	13	mg/kg	Route	7.2E-009	mg/kg-day	2.5E-005	mg/kg-day	--	--	2.9E-004
	Chromium	25	mg/kg	25	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Copper	308	mg/kg	308	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Iron	25,928	mg/kg	25,928	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Manganese	799	mg/kg	799	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Mercury	0.73	mg/kg	0.73	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Nickel	53	mg/kg	53	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Vanadium	39	mg/kg	39	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Cyanide	0.51	mg/kg	0.51	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
Inhalation	Benzene	0.001	mg/kg	0.001	mg/kg	Route	2.9E-008	mg/kg-day	1.7E-003	mg/kg-day	--	--	1.7E-005
	Trichloroethene	0.04	mg/kg	0.04	mg/kg	Route	8.9E-007	mg/kg-day	1.1E-002	mg/kg-day	--	--	7.8E-005
	2-Methylnaphthalene	0.9	mg/kg	0.9	mg/kg	Route	1.0E-006	mg/kg-day	8.6E-004	mg/kg-day	--	--	1.2E-003
	Benzo(a)anthracene	1.6	mg/kg	1.6	mg/kg	Route	1.2E-008	mg/kg-day	NA	NA	--	--	--
	Benzo(a)pyrene	1.3	mg/kg	1.3	mg/kg	Route	4.2E-009	mg/kg-day	NA	NA	--	--	--
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	1.8E-008	mg/kg-day	NA	NA	--	--	--
	Benzo(k)fluoranthene	1.6	mg/kg	1.6	mg/kg	Route	3.5E-009	mg/kg-day	NA	NA	--	--	--
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	5.6E-010	mg/kg-day	NA	NA	--	--	--
	Indeno(1,2,3-cd)pyrene	0.81	mg/kg	0.81	mg/kg	Route	1.3E-009	mg/kg-day	NA	NA	--	--	--
	4,4'-DDE	2.0	mg/kg	2.0	mg/kg	Route	6.1E-009	mg/kg-day	NA	NA	--	--	--
	Aldrin	2.4	mg/kg	2.4	mg/kg	Route	2.4E-008	mg/kg-day	NA	NA	--	--	--
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	2.0E-008	mg/kg-day	NA	NA	--	--	--

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TABLE 7.15.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Ingestion	Benzene	0.001	mg/kg	0.001	mg/kg	Route	8.8E-010	mg/kg-day	3.0E-003	mg/kg-day	--	--	2.9E-007
	Trichloroethene	0.027	mg/kg	0.027	mg/kg	Route	2.4E-008	mg/kg-day	3.0E-004	mg/kg-day	--	--	7.9E-005
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	7.6E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	3.8E-005
	Benzo(a)anthracene	0.8	mg/kg	0.8	mg/kg	Route	7.0E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	0.85	mg/kg	0.85	mg/kg	Route	7.5E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	1.1E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	0.71	mg/kg	0.71	mg/kg	Route	6.3E-007	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	4.7E-007	mg/kg-day	NA	N/A	--	--	--
	Indeno(1,2,3-cd)pyrene	0.65	mg/kg	0.65	mg/kg	Route	5.7E-007	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	1.8E-006	mg/kg-day	NA	N/A	--	--	--
	Aldrin	1.3	mg/kg	1.3	mg/kg	Route	1.1E-006	mg/kg-day	3.0E-005	mg/kg-day	--	--	3.8E-002
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	1.4E-007	mg/kg-day	NA	N/A	--	--	--
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	1.2E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	2.5E-004
	Aroclor 1242	4.2	mg/kg	4.2	mg/kg	Route	3.7E-006	mg/kg-day	7.0E-005	mg/kg-day	--	--	5.3E-002
	Aroclor 1248	11	mg/kg	11	mg/kg	Route	9.7E-006	mg/kg-day	2.0E-005	mg/kg-day	--	--	4.8E-001
	Aroclor 1254	80	mg/kg	80	mg/kg	Route	7.0E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	3.5E+000
	Dieldrin	0.26	mg/kg	0.26	mg/kg	Route	2.3E-007	mg/kg-day	5.0E-005	mg/kg-day	--	--	4.6E-003
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	2.8E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	9.4E-004
	Endrin	0.4	mg/kg	0.4	mg/kg	Route	3.8E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.3E-003
	Heptachlor	0.1	mg/kg	0.1	mg/kg	Route	1.1E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	2.1E-004
	Heptachlor epoxide	1	mg/kg	1	mg/kg	Route	8.0E-007	mg/kg-day	1.3E-005	mg/kg-day	--	--	6.2E-002
	Total PCBs	122	mg/kg	122	mg/kg	Route	1.1E-004	mg/kg-day	NA	N/A	--	--	--
	Aluminum	12135	mg/kg	12135	mg/kg	Route	1.1E-002	mg/kg-day	1.0E+000	mg/kg-day	--	--	1.1E-002
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	2.8E-006	mg/kg-day	4.0E-004	mg/kg-day	--	--	7.0E-003
	Arsenic	21	mg/kg	21	mg/kg	Route	1.8E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	6.2E-002
	Barium	292	mg/kg	292	mg/kg	Route	2.6E-004	mg/kg-day	7.0E-002	mg/kg-day	--	--	3.7E-003
	Cadmium	7.6	mg/kg	7.6	mg/kg	Route	6.7E-006	mg/kg-day	1.0E-003	mg/kg-day	--	--	6.7E-003
	Chromium	25	mg/kg	25	mg/kg	Route	2.2E-005	mg/kg-day	3.0E-003	mg/kg-day	--	--	7.3E-003
	Copper	308	mg/kg	308	mg/kg	Route	2.7E-004	mg/kg-day	3.7E-002	mg/kg-day	--	--	7.3E-003
	Iron	25,928	mg/kg	25,928	mg/kg	Route	2.3E-002	mg/kg-day	3.0E-001	mg/kg-day	--	--	7.6E-002
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--	--	--
	Manganese	799	mg/kg	799	mg/kg	Route	7.0E-004	mg/kg-day	2.3E-002	mg/kg-day	--	--	3.1E-002
	Mercury	0.21	mg/kg	0.21	mg/kg	Route	1.8E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	6.2E-004
	Nickel	42.0	mg/kg	42.0	mg/kg	Route	3.7E-005	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.8E-003
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	2.5E-006	mg/kg-day	8.0E-005	mg/kg-day	--	--	3.1E-002
	Vanadium	28.0	mg/kg	28.0	mg/kg	Route	2.5E-005	mg/kg-day	7.0E-003	mg/kg-day	--	--	3.5E-003
	Cyanide	0.2	mg/kg	0.2	mg/kg	Route	1.8E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	8.8E-006
Dermal Absorption	Benzene	0.001	mg/kg	0.001	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Trichloroethene	0.027	mg/kg	0.027	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	6.5E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	3.2E-005
	Benzo(a)anthracene	0.8	mg/kg	0.8	mg/kg	Route	6.0E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	0.85	mg/kg	0.85	mg/kg	Route	6.4E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	9.1E-007	mg/kg-day	NA	N/A	--	--	--

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TABLE 7.15.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Benzo(k)fluoranthene	0.71	mg/kg	0.71	mg/kg	Route	5.4E-007	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	4.0E-007	mg/kg-day	NA	N/A	--	--	--
	Indeno(1,2,3-cd)pyrene	0.65	mg/kg	0.65	mg/kg	Route	4.9E-007	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aldrin	1.3	mg/kg	1.3	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aroclor 1242	4.2	mg/kg	4.2	mg/kg	Route	3.4E-006	mg/kg-day	7.0E-005	mg/kg-day	--	--	4.9E-002
	Aroclor 1248	11	mg/kg	11	mg/kg	Route	9.0E-006	mg/kg-day	2.0E-005	mg/kg-day	--	--	4.5E-001
	Aroclor 1254	80	mg/kg	80	mg/kg	Route	6.5E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	3.3E+000
	Dieldrin	0.26	mg/kg	0.26	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin	0.4	mg/kg	0.4	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor	0.1	mg/kg	0.1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor epoxide	1	mg/kg	1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Total PCBs	122	mg/kg	122	mg/kg	Route	9.9E-005	mg/kg-day	NA	N/A	--	--	--
	Aluminum	12135	mg/kg	12135	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Arsenic	21	mg/kg	21	mg/kg	Route	3.7E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.2E-002
	Barium	292	mg/kg	292	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Cadmium	7.6	mg/kg	7.6	mg/kg	Route	4.4E-008	mg/kg-day	2.5E-005	mg/kg-day	--	--	1.8E-003
	Chromium	25	mg/kg	25	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Copper	308	mg/kg	308	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Iron	25,928	mg/kg	25,928	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Manganese	799	mg/kg	799	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Mercury	0.21	mg/kg	0.21	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Nickel	42.0	mg/kg	42.0	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Vanadium	28.0	mg/kg	28.0	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Cyanide	0.2	mg/kg	0.2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
Inhalation	Benzene	0.001	mg/kg	0.001	mg/kg	Route	3.0E-008	mg/kg-day	1.7E-003	mg/kg-day	--	--	1.7E-005
	Trichloroethene	0.027	mg/kg	0.027	mg/kg	Route	6.2E-007	mg/kg-day	1.1E-002	mg/kg-day	--	--	5.4E-005
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	1.1E-006	mg/kg-day	8.6E-004	mg/kg-day	--	--	1.3E-003
	Benzo(a)anthracene	0.8	mg/kg	0.8	mg/kg	Route	6.3E-009	mg/kg-day	NA	NA	--	--	--
	Benzo(a)pyrene	0.85	mg/kg	0.85	mg/kg	Route	2.8E-009	mg/kg-day	NA	NA	--	--	--
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	1.8E-008	mg/kg-day	NA	NA	--	--	--
	Benzo(k)fluoranthene	0.71	mg/kg	0.71	mg/kg	Route	1.6E-009	mg/kg-day	NA	NA	--	--	--
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	5.8E-010	mg/kg-day	NA	NA	--	--	--
	Indeno(1,2,3-cd)pyrene	0.65	mg/kg	0.65	mg/kg	Route	1.0E-009	mg/kg-day	NA	NA	--	--	--
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	6.2E-009	mg/kg-day	NA	NA	--	--	--
	Aldrin	1.3	mg/kg	1.3	mg/kg	Route	1.3E-008	mg/kg-day	NA	NA	--	--	--
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	2.0E-008	mg/kg-day	NA	NA	--	--	--

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TABLE 7.15.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	4.4E-009	mg/kg-day	2.0E-004	mg/kg-day	--	--	2.2E-005
	Aroclor 1242	4.2	mg/kg	4.2	mg/kg	Route	7.4E-007	mg/kg-day	7.0E-005	mg/kg-day	--	--	1.1E-002
	Aroclor 1248	11	mg/kg	11	mg/kg	Route	1.9E-006	mg/kg-day	2.0E-005	mg/kg-day	--	--	9.7E-002
	Aroclor 1254	80	mg/kg	80	mg/kg	Route	1.4E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	7.1E-001
	Dieldrin	0.26	mg/kg	0.26	mg/kg	Route	8.6E-009	mg/kg-day	NA	NA	--	--	--
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	9.2E-011	mg/kg-day	NA	NA	--	--	--
	Endrin	0.4	mg/kg	0.4	mg/kg	Route	1.4E-008	mg/kg-day	NA	NA	--	--	--
	Heptachlor	0.1	mg/kg	0.1	mg/kg	Route	3.7E-009	mg/kg-day	NA	NA	--	--	--
	Heptachlor epoxide	1	mg/kg	1	mg/kg	Route	1.3E-008	mg/kg-day	NA	NA	--	--	--
	Total PCBs	122	mg/kg	122	mg/kg	Route	2.2E-005	mg/kg-day	NA	NA	--	--	--
	Aluminum	12135	mg/kg	12135	mg/kg	Route	3.5E-006	mg/kg-day	1.4E-003	mg/kg-day	--	--	2.4E-003
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	9.2E-010	mg/kg-day	NA	NA	--	--	--
	Arsenic	21	mg/kg	21	mg/kg	Route	6.0E-009	mg/kg-day	NA	NA	--	--	--
	Barium	292	mg/kg	292	mg/kg	Route	8.4E-008	mg/kg-day	1.4E-004	mg/kg-day	--	--	5.9E-004
	Cadmium	7.6	mg/kg	7.6	mg/kg	Route	2.2E-009	mg/kg-day	5.7E-005	mg/kg-day	--	--	3.8E-005
	Chromium	25	mg/kg	25	mg/kg	Route	7.2E-009	mg/kg-day	NA	NA	--	--	--
	Copper	308	mg/kg	308	mg/kg	Route	8.9E-008	mg/kg-day	NA	NA	--	--	--
	Iron	25,928	mg/kg	25,928	mg/kg	Route	7.5E-006	mg/kg-day	NA	NA	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	NA	--	--	--
	Manganese	799	mg/kg	799	mg/kg	Route	2.3E-007	mg/kg-day	1.4E-005	mg/kg-day	--	--	1.6E-002
	Mercury	0.21	mg/kg	0.21	mg/kg	Route	5.5E-006	mg/kg-day	NA	NA	--	--	--
	Nickel	42.0	mg/kg	42.0	mg/kg	Route	1.2E-008	mg/kg-day	NA	NA	--	--	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	8.1E-010	mg/kg-day	NA	NA	--	--	--
	Vanadium	28.0	mg/kg	28.0	mg/kg	Route	8.1E-009	mg/kg-day	NA	NA	--	--	--
	Cyanide	0.2	mg/kg	0.2	mg/kg	Route	5.8E-011	mg/kg-day	NA	NA	--	--	--

Total Hazard Index Across All Exposure Routes/Pathways: 9.0E+000

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic.

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TABLE 7.15.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Ingestion	Benzene	0.001	mg/kg	0.001	mg/kg	Route	8.6E-010	mg/kg-day	3.0E-003	mg/kg-day	--	--	2.9E-007
	Trichloroethene	0.027	mg/kg	0.027	mg/kg	Route	2.3E-008	mg/kg-day	3.0E-004	mg/kg-day	--	--	7.7E-005
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	7.4E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	3.7E-005
	Benzo(a)anthracene	0.8	mg/kg	0.8	mg/kg	Route	6.9E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	0.9	mg/kg	0.9	mg/kg	Route	7.3E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	1.0E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	0.71	mg/kg	0.71	mg/kg	Route	6.1E-007	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	4.5E-007	mg/kg-day	NA	N/A	--	--	--
	Indeno(1,2,3-cd)pyrene	0.65	mg/kg	0.65	mg/kg	Route	5.6E-007	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	2.0	mg/kg	2.0	mg/kg	Route	1.7E-006	mg/kg-day	NA	N/A	--	--	--
	Aldrin	1.3	mg/kg	1.3	mg/kg	Route	1.1E-006	mg/kg-day	3.0E-005	mg/kg-day	--	--	3.7E-002
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	1.4E-007	mg/kg-day	NA	N/A	--	--	--
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	1.2E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	2.4E-004
	Aroclor 1242	4.2	mg/kg	4.2	mg/kg	Route	3.6E-006	mg/kg-day	7.0E-005	mg/kg-day	--	--	5.1E-002
	Aroclor 1248	11	mg/kg	11	mg/kg	Route	9.4E-006	mg/kg-day	2.0E-005	mg/kg-day	--	--	4.7E-001
	Aroclor 1254	80	mg/kg	80	mg/kg	Route	6.9E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	3.4E+000
	Dieldrin	0.26	mg/kg	0.26	mg/kg	Route	2.2E-007	mg/kg-day	5.0E-005	mg/kg-day	--	--	4.5E-003
	Endosulfan sulfate	0.3	mg/kg	0.3	mg/kg	Route	2.7E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	9.1E-004
	Endrin	0	mg/kg	0	mg/kg	Route	3.7E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.2E-003
	Heptachlor	0	mg/kg	0	mg/kg	Route	1.0E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	2.1E-004
	Heptachlor epoxide	1	mg/kg	1	mg/kg	Route	7.8E-007	mg/kg-day	1.3E-005	mg/kg-day	--	--	6.0E-002
	Total PCBs	122	mg/kg	122	mg/kg	Route	1.0E-004	mg/kg-day	NA	N/A	--	--	--
	Aluminum	12135	mg/kg	12135	mg/kg	Route	1.0E-002	mg/kg-day	1.0E+000	mg/kg-day	--	--	1.0E-002
	Antimony	3	mg/kg	3	mg/kg	Route	2.7E-006	mg/kg-day	4.0E-004	mg/kg-day	--	--	6.9E-003
	Arsenic	21	mg/kg	21	mg/kg	Route	1.8E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	6.0E-002
	Barium	292.0	mg/kg	292.0	mg/kg	Route	2.5E-004	mg/kg-day	7.0E-002	mg/kg-day	--	--	3.6E-003
	Cadmium	8	mg/kg	8	mg/kg	Route	6.5E-006	mg/kg-day	1.0E-003	mg/kg-day	--	--	6.5E-003
	Chromium	25	mg/kg	25	mg/kg	Route	2.1E-005	mg/kg-day	3.0E-003	mg/kg-day	--	--	7.1E-003
	Copper	308	mg/kg	308	mg/kg	Route	2.6E-004	mg/kg-day	3.7E-002	mg/kg-day	--	--	7.1E-003
	Iron	25,928	mg/kg	25,928	mg/kg	Route	2.2E-002	mg/kg-day	3.0E-001	mg/kg-day	--	--	7.4E-002
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--	--	--
	Manganese	799	mg/kg	799	mg/kg	Route	6.8E-004	mg/kg-day	2.3E-002	mg/kg-day	--	--	3.0E-002
	Mercury	0.21	mg/kg	0.21	mg/kg	Route	1.8E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	6.0E-004
	Nickel	42	mg/kg	42	mg/kg	Route	3.6E-005	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.8E-003
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	2.4E-006	mg/kg-day	8.0E-005	mg/kg-day	--	--	3.0E-002
	Vanadium	28	mg/kg	28	mg/kg	Route	2.4E-005	mg/kg-day	7.0E-003	mg/kg-day	--	--	3.4E-003
Dermal Absorption	Benzene	0.001	mg/kg	0.001	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Trichloroethene	0.027	mg/kg	0.027	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	6.3E-008	mg/kg-day	2.0E-002	mg/kg-day	--	--	3.2E-006
	Benzo(a)anthracene	0.8	mg/kg	0.8	mg/kg	Route	5.9E-008	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	0.9	mg/kg	0.9	mg/kg	Route	6.3E-008	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	8.8E-008	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	0.71	mg/kg	0.71	mg/kg	Route	5.2E-008	mg/kg-day	NA	N/A	--	--	--

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TABLE 7.15.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	3.9E-008	mg/kg-day	NA	N/A	--	--	--
	Indeno(1,2,3-cd)pyrene	0.65	mg/kg	0.65	mg/kg	Route	4.8E-008	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	2.0	mg/kg	2.0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aldrin	1.3	mg/kg	1.3	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aroclor 1242	4.2	mg/kg	4.2	mg/kg	Route	3.3E-007	mg/kg-day	7.0E-005	mg/kg-day	--	--	4.8E-003
	Aroclor 1248	11	mg/kg	11	mg/kg	Route	8.7E-007	mg/kg-day	2.0E-005	mg/kg-day	--	--	4.4E-002
	Aroclor 1254	80	mg/kg	80	mg/kg	Route	6.3E-006	mg/kg-day	2.0E-005	mg/kg-day	--	--	3.2E-001
	Dieldrin	0.26	mg/kg	0.26	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endosulfan sulfate	0.3	mg/kg	0.3	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor epoxide	1	mg/kg	1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Total PCBs	122	mg/kg	122	mg/kg	Route	9.7E-006	mg/kg-day	NA	N/A	--	--	--
	Aluminum	12135	mg/kg	12135	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Antimony	3	mg/kg	3	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Arsenic	21	mg/kg	21	mg/kg	Route	3.6E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.2E-003
	Barium	292.0	mg/kg	292.0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Cadmium	8	mg/kg	8	mg/kg	Route	4.3E-009	mg/kg-day	2.5E-005	mg/kg-day	--	--	1.7E-004
	Chromium	25	mg/kg	25	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Copper	308	mg/kg	308	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Iron	25,928	mg/kg	25,928	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Manganese	799	mg/kg	799	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Mercury	0.21	mg/kg	0.21	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Nickel	42	mg/kg	42	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Vanadium	28	mg/kg	28	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
Inhalation	Benzene	0.001	mg/kg	0.001	mg/kg	Route	2.9E-008	mg/kg-day	1.7E-003	mg/kg-day	--	--	1.7E-005
	Trichloroethene	0.027	mg/kg	0.027	mg/kg	Route	6.0E-007	mg/kg-day	1.1E-002	mg/kg-day	--	--	5.3E-005
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	1.0E-006	mg/kg-day	8.6E-004	mg/kg-day	--	--	1.2E-003
	Benzo(a)anthracene	0.8	mg/kg	0.8	mg/kg	Route	6.1E-009	mg/kg-day	NA	NA	--	--	--
	Benzo(a)pyrene	0.9	mg/kg	0.9	mg/kg	Route	2.8E-009	mg/kg-day	NA	NA	--	--	--
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	1.8E-008	mg/kg-day	NA	NA	--	--	--
	Benzo(k)fluoranthene	0.71	mg/kg	0.71	mg/kg	Route	1.5E-009	mg/kg-day	NA	NA	--	--	--
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	5.6E-010	mg/kg-day	NA	NA	--	--	--
	Indeno(1,2,3-cd)pyrene	0.65	mg/kg	0.65	mg/kg	Route	1.0E-009	mg/kg-day	NA	NA	--	--	--
	4,4'-DDE	2.0	mg/kg	2.0	mg/kg	Route	6.1E-009	mg/kg-day	NA	NA	--	--	--
	Aldrin	1.3	mg/kg	1.3	mg/kg	Route	1.3E-008	mg/kg-day	NA	NA	--	--	--
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	2.0E-008	mg/kg-day	NA	NA	--	--	--
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	4.2E-009	mg/kg-day	2.0E-004	mg/kg-day	--	--	2.1E-005
	Aroclor 1242	4.2	mg/kg	4.2	mg/kg	Route	7.2E-007	mg/kg-day	7.0E-005	mg/kg-day	--	--	1.0E-002

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TABLE 7.15.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Aroclor 1248	11	mg/kg	11	mg/kg	Route	1.9E-006	mg/kg-day	2.0E-005	mg/kg-day	--	--	9.4E-002
	Aroclor 1254	80	mg/kg	80	mg/kg	Route	1.4E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	6.9E-001
	Dieldrin	0.26	mg/kg	0.26	mg/kg	Route	8.4E-009	mg/kg-day	NA	NA	--	--	--
	Endosulfan sulfate	0.3	mg/kg	0.3	mg/kg	Route	9.0E-011	mg/kg-day	NA	NA	--	--	--
	Endrin	0	mg/kg	0	mg/kg	Route	1.3E-008	mg/kg-day	NA	NA	--	--	--
	Heptachlor	0	mg/kg	0	mg/kg	Route	3.6E-009	mg/kg-day	NA	NA	--	--	--
	Heptachlor epoxide	1	mg/kg	1	mg/kg	Route	1.2E-008	mg/kg-day	NA	NA	--	--	--
	Total PCBs	122	mg/kg	122	mg/kg	Route	2.1E-005	mg/kg-day	NA	NA	--	--	--
	Aluminum	12135	mg/kg	12135	mg/kg	Route	3.4E-006	mg/kg-day	1.4E-003	mg/kg-day	--	--	2.4E-003
	Antimony	3	mg/kg	3	mg/kg	Route	9.0E-010	mg/kg-day	NA	NA	--	--	--
	Arsenic	21	mg/kg	21	mg/kg	Route	5.9E-009	mg/kg-day	NA	NA	--	--	--
	Barium	292.0	mg/kg	292.0	mg/kg	Route	8.2E-008	mg/kg-day	1.4E-004	mg/kg-day	--	--	5.7E-004
	Cadmium	8	mg/kg	8	mg/kg	Route	2.1E-009	mg/kg-day	5.7E-005	mg/kg-day	--	--	3.7E-005
	Chromium	25	mg/kg	25	mg/kg	Route	7.0E-009	mg/kg-day	NA	NA	--	--	--
	Copper	308	mg/kg	308	mg/kg	Route	8.6E-008	mg/kg-day	NA	NA	--	--	--
	Iron	25,928	mg/kg	25,928	mg/kg	Route	7.3E-006	mg/kg-day	NA	NA	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	NA	--	--	--
	Manganese	799	mg/kg	799	mg/kg	Route	2.2E-007	mg/kg-day	1.4E-005	mg/kg-day	--	--	1.6E-002
	Mercury	0.21	mg/kg	0.21	mg/kg	Route	5.4E-006	mg/kg-day	NA	NA	--	--	--
	Nickel	42	mg/kg	42	mg/kg	Route	1.2E-008	mg/kg-day	NA	NA	--	--	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	7.8E-010	mg/kg-day	NA	NA	--	--	--
	Vanadium	28	mg/kg	28	mg/kg	Route	7.8E-009	mg/kg-day	NA	NA	--	--	--
												Total Hazard Index Across All Exposure Routes/Pathways	5.5E+000

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic.

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TABLE 7.16.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Ingestion	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	7.0E-008	mg/kg-day	9.0E-003	mg/kg-day	--	--	7.8E-006
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	4.2E-007	mg/kg-day	9.0E-004	mg/kg-day	--	--	4.7E-004
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	2.2E-007	mg/kg-day	3.0E-003	mg/kg-day	--	--	7.3E-005
	cis-1,2-Dichloroethene	7.1	mg/kg	7.1	mg/kg	Route	6.3E-006	mg/kg-day	1.0E-002	mg/kg-day	--	--	6.3E-004
	Tetrachloroethylene	0.91	mg/kg	0.91	mg/kg	Route	8.0E-007	mg/kg-day	1.0E-002	mg/kg-day	--	--	8.0E-005
	Trichloroethene	8.4	mg/kg	8.4	mg/kg	Route	7.4E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	2.5E-002
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	3.7E-007	mg/kg-day	3.0E-003	mg/kg-day	--	--	1.2E-004
	2-Methylnaphthalene	47.6	mg/kg	47.6	mg/kg	Route	4.2E-005	mg/kg-day	2.0E-002	mg/kg-day	--	--	2.1E-003
	Acenaphthene	276	mg/kg	276	mg/kg	Route	2.4E-004	mg/kg-day	6.0E-002	mg/kg-day	--	--	4.1E-003
	Benzo(a)anthracene	111	mg/kg	111	mg/kg	Route	9.8E-005	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	84.0	mg/kg	84.0	mg/kg	Route	7.4E-005	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	28.0	mg/kg	28.0	mg/kg	Route	2.5E-005	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	63.0	mg/kg	63.0	mg/kg	Route	5.5E-005	mg/kg-day	NA	N/A	--	--	--
	Carbazole	10.0	mg/kg	10.0	mg/kg	Route	8.8E-006	mg/kg-day	NA	N/A	--	--	--
	Chrysene	105	mg/kg	105	mg/kg	Route	9.2E-005	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	168.0	mg/kg	168.0	mg/kg	Route	1.5E-004	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	14	mg/kg	14	mg/kg	Route	1.2E-005	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	4	mg/kg	4	mg/kg	Route	3.2E-006	mg/kg-day	4.0E-002	mg/kg-day	--	--	7.9E-005
	Fluorene	197.0	mg/kg	197.0	mg/kg	Route	1.7E-004	mg/kg-day	4.0E-002	mg/kg-day	--	--	4.3E-003
	Indeno(1,2,3-cd)pyrene	35.0	mg/kg	35.0	mg/kg	Route	3.1E-005	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	17	mg/kg	17	mg/kg	Route	1.5E-005	mg/kg-day	2.0E-002	mg/kg-day	--	--	7.5E-004
	Phenanthrene	700.0	mg/kg	700.0	mg/kg	Route	6.2E-004	mg/kg-day	3.0E-002	mg/kg-day	--	--	2.1E-002
	Pyrene	40	mg/kg	40	mg/kg	Route	3.5E-005	mg/kg-day	3.0E-002	mg/kg-day	--	--	1.2E-003
	2,3,7,8-TCDD	0	mg/kg	0	mg/kg	Route	7.0E-009	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	1,038	mg/kg	1,038	mg/kg	Route	9.1E-004	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDT	2483.0	mg/kg	2483.0	mg/kg	Route	2.2E-003	mg/kg-day	5.0E-004	mg/kg-day	--	--	4.4E+000
	Acetophenone	1	mg/kg	1	mg/kg	Route	6.7E-007	mg/kg-day	1.0E-001	mg/kg-day	--	--	6.7E-006
	Aldrin	120	mg/kg	120	mg/kg	Route	1.1E-004	mg/kg-day	3.0E-005	mg/kg-day	--	--	3.5E+000
	alpha-BHC	3	mg/kg	3	mg/kg	Route	2.6E-006	mg/kg-day	NA	N/A	--	--	--
	alpha-chlordane	2	mg/kg	2	mg/kg	Route	1.8E-006	mg/kg-day	5.0E-004	mg/kg-day	--	--	3.7E-003
	Aroclor 1242	807	mg/kg	807	mg/kg	Route	7.1E-004	mg/kg-day	7.0E-005	mg/kg-day	--	--	1.0E+001
	Aroclor 1248	3103.0	mg/kg	3103.0	mg/kg	Route	2.7E-003	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.4E+002
	Aroclor 1254	14206.0	mg/kg	14206.0	mg/kg	Route	1.3E-002	mg/kg-day	2.0E-005	mg/kg-day	--	--	6.3E+002
	Dieldrin	1254	mg/kg	1254	mg/kg	Route	1.1E-003	mg/kg-day	5.0E-005	mg/kg-day	--	--	2.2E+001
	Endosulfan sulfate	20	mg/kg	20	mg/kg	Route	1.8E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	5.9E-002
	Endrin	14	mg/kg	14	mg/kg	Route	1.2E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	4.1E-002
	Endrin aldehyde	183	mg/kg	183	mg/kg	Route	1.6E-004	mg/kg-day	3.0E-004	mg/kg-day	--	--	5.4E-001
	gamma-Chlordane	1,222	mg/kg	1,222	mg/kg	Route	1.1E-003	mg/kg-day	5.0E-004	mg/kg-day	--	--	2.2E+000
	Heptachlor	7	mg/kg	7	mg/kg	Route	6.4E-006	mg/kg-day	5.0E-004	mg/kg-day	--	--	1.3E-002
	Heptachlor epoxide	143	mg/kg	143	mg/kg	Route	1.3E-004	mg/kg-day	1.3E-005	mg/kg-day	--	--	9.7E+000
	Dioxin-like PCBs	4	mg/kg	4	mg/kg	Route	3.3E-006	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.8E-002	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	15,783	mg/kg	15,783	mg/kg	Route	1.4E-002	mg/kg-day	NA	N/A	--	--	--

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TABLE 7.16.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Aluminum	33,832	mg/kg	33,832	mg/kg	Route	3.0E-002	mg/kg-day	1.0E+000	mg/kg-day	--	--	3.0E-002
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	5.0E-008	mg/kg-day	4.0E-004	mg/kg-day	--	--	1.3E-002
	Arsenic	46.3	mg/kg	46.3	mg/kg	Route	4.1E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.4E-001
	Barium	869	mg/kg	869	mg/kg	Route	7.7E-004	mg/kg-day	7.0E-002	mg/kg-day	--	--	1.1E-002
	Cadmium	32.0	mg/kg	32.0	mg/kg	Route	2.8E-005	mg/kg-day	1.0E-003	mg/kg-day	--	--	2.8E-002
	Chromium	75.0	mg/kg	75.0	mg/kg	Route	6.6E-005	mg/kg-day	3.0E-003	mg/kg-day	--	--	2.2E-002
	Copper	7,108	mg/kg	7,108	mg/kg	Route	6.3E-003	mg/kg-day	3.7E-002	mg/kg-day	--	--	1.7E-001
	Iron	46753	mg/kg	46753	mg/kg	Route	4.1E-002	mg/kg-day	3.0E-001	mg/kg-day	--	--	1.4E-001
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--	--	--
	Manganese	763	mg/kg	763	mg/kg	Route	6.7E-004	mg/kg-day	2.3E-002	mg/kg-day	--	--	2.9E-002
	Mercury	1	mg/kg	1	mg/kg	Route	9.7E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	3.2E-003
	Silver	9.8	mg/kg	9.8	mg/kg	Route	8.6E-006	mg/kg-day	5.0E-003	mg/kg-day	--	--	1.7E-003
	Thallium	1	mg/kg	1	mg/kg	Route	8.8E-007	mg/kg-day	8.0E-005	mg/kg-day	--	--	1.1E-002
	Vanadium	84	mg/kg	84	mg/kg	Route	7.4E-005	mg/kg-day	7.0E-003	mg/kg-day	--	--	1.1E-002
	Zinc	1903.0	mg/kg	1903.0	mg/kg	Route	1.7E-003	mg/kg-day	3.0E-001	mg/kg-day	--	--	5.6E-003
	Cyanide	1	mg/kg	1	mg/kg	Route	9.7E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	4.8E-005
Dermal Absorption	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	cis-1,2-Dichloroethene	7.1	mg/kg	7.1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Tetrachloroethylene	0.91	mg/kg	0.91	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Trichloroethene	8.4	mg/kg	8.4	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	2-Methylnaphthalene	47.6	mg/kg	47.6	mg/kg	Route	3.6E-005	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.8E-003
	Acenaphthene	276	mg/kg	276	mg/kg	Route	2.1E-004	mg/kg-day	6.0E-002	mg/kg-day	--	--	3.5E-003
	Benzo(a)anthracene	111	mg/kg	111	mg/kg	Route	8.4E-005	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	84.0	mg/kg	84.0	mg/kg	Route	6.3E-005	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	28.0	mg/kg	28.0	mg/kg	Route	2.1E-005	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	63.0	mg/kg	63.0	mg/kg	Route	4.8E-005	mg/kg-day	NA	N/A	--	--	--
	Carbazole	10.0	mg/kg	10.0	mg/kg	Route	5.8E-006	mg/kg-day	NA	N/A	--	--	--
	Chrysene	105	mg/kg	105	mg/kg	Route	7.9E-005	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	168.0	mg/kg	168.0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	14	mg/kg	14	mg/kg	Route	1.1E-005	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	4	mg/kg	4	mg/kg	Route	2.7E-006	mg/kg-day	4.0E-002	mg/kg-day	--	--	6.8E-005
	Fluorene	197.0	mg/kg	197.0	mg/kg	Route	1.5E-004	mg/kg-day	4.0E-002	mg/kg-day	--	--	3.7E-003
	Indeno(1,2,3-cd)pyrene	35.0	mg/kg	35.0	mg/kg	Route	2.6E-005	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	17	mg/kg	17	mg/kg	Route	1.3E-005	mg/kg-day	2.0E-002	mg/kg-day	--	--	6.4E-004
	Phenanthrene	700.0	mg/kg	700.0	mg/kg	Route	5.3E-004	mg/kg-day	3.0E-002	mg/kg-day	--	--	1.8E-002
	Pyrene	40	mg/kg	40	mg/kg	Route	3.0E-005	mg/kg-day	3.0E-002	mg/kg-day	--	--	1.0E-003
	2,3,7,8-TCDD	0	mg/kg	0	mg/kg	Route	1.4E-009	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	1,038	mg/kg	1,038	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	4,4'-DDT	2483.0	mg/kg	2483.0	mg/kg	Route	4.3E-004	mg/kg-day	5.0E-004	mg/kg-day	--	--	8.7E-001
	Acetophenone	1	mg/kg	1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--

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TABLE 7.16.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Aldrin	120	mg/kg	120	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-BHC	3	mg/kg	3	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-chlordane	2	mg/kg	2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aroclor 1242	807	mg/kg	807	mg/kg	Route	6.6E-004	mg/kg-day	7.0E-005	mg/kg-day	--	--	9.4E+000
	Aroclor 1248	3103.0	mg/kg	3103.0	mg/kg	Route	2.5E-003	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.3E+002
	Aroclor 1254	14206.0	mg/kg	14206.0	mg/kg	Route	1.2E-002	mg/kg-day	2.0E-005	mg/kg-day	--	--	5.8E+002
	Dieldrin	1254	mg/kg	1254	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endosulfan sulfate	20	mg/kg	20	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin	14	mg/kg	14	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin aldehyde	183	mg/kg	183	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	gamma-Chlordane	1,222	mg/kg	1,222	mg/kg	Route	2.8E-004	mg/kg-day	5.0E-004	mg/kg-day	--	--	5.7E-001
	Heptachlor	7	mg/kg	7	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor epoxide	143	mg/kg	143	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dioxin-like PCBs	4	mg/kg	4	mg/kg	Route	6.6E-007	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.6E-002	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	15,783	mg/kg	15,783	mg/kg	Route	1.3E-002	mg/kg-day	NA	N/A	--	--	--
	Aluminum	33,832	mg/kg	33,832	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Arsenic	46.3	mg/kg	46.3	mg/kg	Route	8.1E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	2.7E-002
	Barium	869	mg/kg	869	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Cadmium	32.0	mg/kg	32.0	mg/kg	Route	1.9E-007	mg/kg-day	2.5E-005	mg/kg-day	--	--	7.4E-003
	Chromium	75.0	mg/kg	75.0	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Copper	7,108	mg/kg	7,108	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Iron	46753	mg/kg	46753	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Manganese	763	mg/kg	763	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Mercury	1	mg/kg	1	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Thallium	1	mg/kg	1	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Vanadium	84	mg/kg	84	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Zinc	1903.0	mg/kg	1903.0	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Cyanide	1	mg/kg	1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
Inhalation	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	5.1E-006	mg/kg-day	NA	NA	--	--	--
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	1.4E-010	mg/kg-day	NA	NA	--	--	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	7.4E-006	mg/kg-day	1.7E-003	mg/kg-day	--	--	4.3E-003
	cis-1,2-Dichloroethene	7.1	mg/kg	7.1	mg/kg	Route	2.1E-004	mg/kg-day	NA	NA	--	--	--
	Tetrachloroethylene	0.91	mg/kg	0.91	mg/kg	Route	2.8E-005	mg/kg-day	1.1E-001	mg/kg-day	--	--	2.4E-004
	Trichloroethene	8.4	mg/kg	8.4	mg/kg	Route	1.9E-004	mg/kg-day	1.1E-002	mg/kg-day	--	--	1.7E-002
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	4.8E-005	mg/kg-day	2.9E-002	mg/kg-day	--	--	1.7E-003
	2-Methylnaphthalene	47.6	mg/kg	47.6	mg/kg	Route	6.0E-005	mg/kg-day	8.6E-004	mg/kg-day	--	--	6.9E-002
	Acenaphthene	276	mg/kg	276	mg/kg	Route	8.8E-005	mg/kg-day	NA	NA	--	--	--
	Benzo(a)anthracene	111	mg/kg	111	mg/kg	Route	8.7E-007	mg/kg-day	NA	NA	--	--	--
	Benzo(a)pyrene	84.0	mg/kg	84.0	mg/kg	Route	2.8E-007	mg/kg-day	NA	NA	--	--	--

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TABLE 7.16.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Benzo(b)fluoranthene	28.0	mg/kg	28.0	mg/kg	Route	4.3E-007	mg/kg-day	NA	NA	--	--	--
	Benzo(k)fluoranthene	63.0	mg/kg	63.0	mg/kg	Route	1.4E-007	mg/kg-day	NA	NA	--	--	--
	Carbazole	10.0	mg/kg	10.0	mg/kg	Route	3.2E-007	mg/kg-day	NA	NA	--	--	--
	Chrysene	105	mg/kg	105	mg/kg	Route	2.7E-006	mg/kg-day	NA	NA	--	--	--
	Dibenzofuran	168.0	mg/kg	168.0	mg/kg	Route	4.8E-008	mg/kg-day	NA	NA	--	--	--
	Dibenz(a,h)anthracene	14	mg/kg	14	mg/kg	Route	1.5E-008	mg/kg-day	NA	NA	--	--	--
	Fluoranthene	4	mg/kg	4	mg/kg	Route	8.4E-008	mg/kg-day	NA	NA	--	--	--
	Fluorene	197.0	mg/kg	197.0	mg/kg	Route	2.7E-005	mg/kg-day	NA	NA	--	--	--
	Indeno(1,2,3-cd)pyrene	35.0	mg/kg	35.0	mg/kg	Route	5.6E-008	mg/kg-day	NA	NA	--	--	--
	Naphthalene	17	mg/kg	17	mg/kg	Route	2.1E-005	mg/kg-day	8.6E-004	mg/kg-day	--	--	2.5E-002
	Phenanthrene	700.0	mg/kg	700.0	mg/kg	Route	1.3E-005	mg/kg-day	NA	NA	--	--	--
	Pyrene	40	mg/kg	40	mg/kg	Route	7.5E-007	mg/kg-day	NA	NA	--	--	--
	2,3,7,8-TCDD	0	mg/kg	0	mg/kg	Route	2.3E-012	mg/kg-day	NA	NA	--	--	--
	4,4'-DDE	1,038	mg/kg	1,038	mg/kg	Route	3.2E-008	mg/kg-day	NA	NA	--	--	--
	4,4'-DDT	2483.0	mg/kg	2483.0	mg/kg	Route	6.5E-006	mg/kg-day	NA	NA	--	--	--
	Acetophenone	1	mg/kg	1	mg/kg	Route	2.2E-010	mg/kg-day	NA	NA	--	--	--
	Aldrin	120	mg/kg	120	mg/kg	Route	1.2E-006	mg/kg-day	NA	NA	--	--	--
	alpha-BHC	3	mg/kg	3	mg/kg	Route	3.8E-007	mg/kg-day	NA	NA	--	--	--
	alpha-chlordane	2	mg/kg	2	mg/kg	Route	6.5E-008	mg/kg-day	2.0E-004	mg/kg-day	--	--	3.3E-004
	Aroclor 1242	807	mg/kg	807	mg/kg	Route	1.4E-004	mg/kg-day	7.0E-005	mg/kg-day	--	--	2.0E+000
	Aroclor 1248	3103.0	mg/kg	3103.0	mg/kg	Route	5.5E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	2.7E+001
	Aroclor 1254	14206.0	mg/kg	14206.0	mg/kg	Route	2.5E-003	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.3E+002
	Dieldrin	1254	mg/kg	1254	mg/kg	Route	4.1E-005	mg/kg-day	NA	NA	--	--	--
	Endosulfan sulfate	20	mg/kg	20	mg/kg	Route	5.8E-009	mg/kg-day	NA	NA	--	--	--
	Endrin	14	mg/kg	14	mg/kg	Route	4.5E-007	mg/kg-day	NA	NA	--	--	--
	Endrin aldehyde	183	mg/kg	183	mg/kg	Route	5.9E-006	mg/kg-day	NA	NA	--	--	--
	gamma-Chlordane	1,222	mg/kg	1,222	mg/kg	Route	3.5E-007	mg/kg-day	2.0E-004	mg/kg-day	--	--	1.8E-003
	Heptachlor	7	mg/kg	7	mg/kg	Route	2.3E-007	mg/kg-day	NA	NA	--	--	--
	Heptachlor epoxide	143	mg/kg	143	mg/kg	Route	2.0E-006	mg/kg-day	NA	NA	--	--	--
	Dioxin-like PCBs	4	mg/kg	4	mg/kg	Route	1.1E-009	mg/kg-day	NA	NA	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	5.6E-003	mg/kg-day	NA	NA	--	--	--
	Total PCBs	15,783	mg/kg	15,783	mg/kg	Route	2.8E-003	mg/kg-day	NA	NA	--	--	--
	Aluminum	33,832	mg/kg	33,832	mg/kg	Route	9.7E-006	mg/kg-day	1.4E-003	mg/kg-day	--	--	6.8E-003
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	1.6E-009	mg/kg-day	NA	NA	--	--	--
	Arsenic	46.3	mg/kg	46.3	mg/kg	Route	1.3E-008	mg/kg-day	NA	NA	--	--	--
	Barium	869	mg/kg	869	mg/kg	Route	2.5E-007	mg/kg-day	1.4E-004	mg/kg-day	--	--	1.7E-003
	Cadmium	32.0	mg/kg	32.0	mg/kg	Route	9.2E-009	mg/kg-day	5.7E-005	mg/kg-day	--	--	1.6E-004
	Chromium	75.0	mg/kg	75.0	mg/kg	Route	2.2E-008	mg/kg-day	NA	NA	--	--	--
	Copper	7,108	mg/kg	7,108	mg/kg	Route	2.0E-006	mg/kg-day	NA	NA	--	--	--
	Iron	46753	mg/kg	46753	mg/kg	Route	1.3E-005	mg/kg-day	NA	NA	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	NA	--	--	--
	Manganese	763	mg/kg	763	mg/kg	Route	2.2E-007	mg/kg-day	1.4E-005	mg/kg-day	--	--	1.5E-002
	Mercury	1	mg/kg	1	mg/kg	Route	2.9E-005	mg/kg-day	NA	NA	--	--	--

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TABLE 7.16.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Silver	9.8	mg/kg	9.8	mg/kg	Route	2.8E-009	mg/kg-day	NA	NA	--	--	--
	Thallium	1	mg/kg	1	mg/kg	Route	2.9E-010	mg/kg-day	NA	NA	--	--	--
	Vanadium	84	mg/kg	84	mg/kg	Route	2.4E-008	mg/kg-day	NA	NA	--	--	--
	Zinc	1903.0	mg/kg	1903.0	mg/kg	Route	5.5E-007	mg/kg-day	NA	NA	--	--	--
	Cyanide	1	mg/kg	1	mg/kg	Route	3.2E-010	mg/kg-day	NA	NA	--	--	--
												Total Hazard Index Across All Exposure Routes/Pathways	1.7E+003

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic.

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TABLE 7.16.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Ingestion	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	6.9E-008	mg/kg-day	9.0E-003	mg/kg-day	--	--	7.6E-006
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	4.1E-007	mg/kg-day	9.0E-004	mg/kg-day	--	--	4.6E-004
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	2.1E-007	mg/kg-day	3.0E-003	mg/kg-day	--	--	7.1E-005
	cis-1,2-Dichloroethene	7.1	mg/kg	7.1	mg/kg	Route	6.1E-006	mg/kg-day	1.0E-002	mg/kg-day	--	--	6.1E-004
	Tetrachloroethylene	0.91	mg/kg	0.91	mg/kg	Route	7.8E-007	mg/kg-day	1.0E-002	mg/kg-day	--	--	7.8E-005
	Trichloroethene	8.4	mg/kg	8.4	mg/kg	Route	7.2E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	2.4E-002
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	3.6E-007	mg/kg-day	3.0E-003	mg/kg-day	--	--	1.2E-004
	2-Methylnaphthalene	48	mg/kg	48	mg/kg	Route	4.1E-005	mg/kg-day	2.0E-002	mg/kg-day	--	--	2.0E-003
	Acenaphthene	276	mg/kg	276	mg/kg	Route	2.4E-004	mg/kg-day	6.0E-002	mg/kg-day	--	--	3.9E-003
	Benzo(a)anthracene	111	mg/kg	111	mg/kg	Route	9.5E-005	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	84	mg/kg	84	mg/kg	Route	7.2E-005	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	28	mg/kg	28	mg/kg	Route	2.4E-005	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	63	mg/kg	63	mg/kg	Route	5.4E-005	mg/kg-day	NA	N/A	--	--	--
	Carbazole	10	mg/kg	10	mg/kg	Route	8.6E-006	mg/kg-day	NA	N/A	--	--	--
	Chrysene	105	mg/kg	105	mg/kg	Route	9.0E-005	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	168	mg/kg	168	mg/kg	Route	1.4E-004	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	14	mg/kg	14	mg/kg	Route	1.2E-005	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	4	mg/kg	4	mg/kg	Route	3.1E-006	mg/kg-day	4.0E-002	mg/kg-day	--	--	7.7E-005
	Fluorene	197	mg/kg	197	mg/kg	Route	1.7E-004	mg/kg-day	4.0E-002	mg/kg-day	--	--	4.2E-003
	Indeno(1,2,3-cd)pyrene	35	mg/kg	35	mg/kg	Route	3.0E-005	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	17	mg/kg	17	mg/kg	Route	1.5E-005	mg/kg-day	2.0E-002	mg/kg-day	--	--	7.3E-004
	Phenanthrene	700	mg/kg	700	mg/kg	Route	6.0E-004	mg/kg-day	3.0E-002	mg/kg-day	--	--	2.0E-002
	Pyrene	40	mg/kg	40	mg/kg	Route	3.4E-005	mg/kg-day	3.0E-002	mg/kg-day	--	--	1.1E-003
	2,3,7,8-TCDD	0	mg/kg	0	mg/kg	Route	6.9E-009	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	1038	mg/kg	1038	mg/kg	Route	8.9E-004	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDT	2483	mg/kg	2483	mg/kg	Route	2.1E-003	mg/kg-day	5.0E-004	mg/kg-day	--	--	4.3E+000
	Acetophenone	1	mg/kg	1	mg/kg	Route	6.5E-007	mg/kg-day	1.0E-001	mg/kg-day	--	--	6.5E-006
	Aldrin	120.0	mg/kg	120.0	mg/kg	Route	1.0E-004	mg/kg-day	3.0E-005	mg/kg-day	--	--	3.4E+000
	alpha-BHC	3.0	mg/kg	3.0	mg/kg	Route	2.6E-006	mg/kg-day	NA	N/A	--	--	--
	alpha-chlordane	2	mg/kg	2	mg/kg	Route	1.8E-006	mg/kg-day	5.0E-004	mg/kg-day	--	--	3.6E-003
	Aroclor 1242	807	mg/kg	807	mg/kg	Route	6.9E-004	mg/kg-day	7.0E-005	mg/kg-day	--	--	9.9E+000
	Aroclor 1248	3,103	mg/kg	3,103	mg/kg	Route	2.7E-003	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.3E+002
	Aroclor 1254	14,206	mg/kg	14,206	mg/kg	Route	1.2E-002	mg/kg-day	2.0E-005	mg/kg-day	--	--	6.1E+002
	Dieldrin	1,254	mg/kg	1,254	mg/kg	Route	1.1E-003	mg/kg-day	5.0E-005	mg/kg-day	--	--	2.1E+001
	Endosulfan sulfate	20	mg/kg	20	mg/kg	Route	1.7E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	5.7E-002
	Endrin	14.0	mg/kg	14.0	mg/kg	Route	1.2E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	4.0E-002
	Endrin aldehyde	183	mg/kg	183	mg/kg	Route	1.6E-004	mg/kg-day	3.0E-004	mg/kg-day	--	--	5.2E-001
	gamma-Chlordane	1,222	mg/kg	1,222	mg/kg	Route	1.0E-003	mg/kg-day	5.0E-004	mg/kg-day	--	--	2.1E+000
	Heptachlor	7	mg/kg	7	mg/kg	Route	6.3E-006	mg/kg-day	5.0E-004	mg/kg-day	--	--	1.3E-002
	Heptachlor epoxide	143	mg/kg	143	mg/kg	Route	1.2E-004	mg/kg-day	1.3E-005	mg/kg-day	--	--	9.4E+000
	Dioxin-like PCBs	4	mg/kg	4	mg/kg	Route	3.3E-006	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.7E-002	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	15,783	mg/kg	15,783	mg/kg	Route	1.4E-002	mg/kg-day	NA	N/A	--	--	--

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TABLE 7.16.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Aluminum	33,832	mg/kg	33,832	mg/kg	Route	2.9E-002	mg/kg-day	1.0E+000	mg/kg-day	--	--	2.9E-002
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	4.9E-006	mg/kg-day	4.0E-004	mg/kg-day	--	--	1.2E-002
	Arsenic	46	mg/kg	46	mg/kg	Route	4.0E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.3E-001
	Barium	869	mg/kg	869	mg/kg	Route	7.4E-004	mg/kg-day	7.0E-002	mg/kg-day	--	--	1.1E-002
	Cadmium	32	mg/kg	32	mg/kg	Route	2.7E-005	mg/kg-day	1.0E-003	mg/kg-day	--	--	2.7E-002
	Chromium	75	mg/kg	75	mg/kg	Route	6.4E-005	mg/kg-day	3.0E-003	mg/kg-day	--	--	2.1E-002
	Copper	7,108	mg/kg	7,108	mg/kg	Route	6.1E-003	mg/kg-day	3.7E-002	mg/kg-day	--	--	1.6E-001
	Iron	46753.0	mg/kg	46753.0	mg/kg	Route	4.0E-002	mg/kg-day	3.0E-001	mg/kg-day	--	--	1.3E-001
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--	--	--
	Manganese	763	mg/kg	763	mg/kg	Route	6.5E-004	mg/kg-day	2.3E-002	mg/kg-day	--	--	2.8E-002
	Mercury	1	mg/kg	1	mg/kg	Route	9.4E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	3.1E-003
	Silver	9.8	mg/kg	9.8	mg/kg	Route	8.4E-006	mg/kg-day	5.0E-003	mg/kg-day	--	--	1.7E-003
	Thallium	1.0	mg/kg	1.0	mg/kg	Route	8.6E-007	mg/kg-day	8.0E-005	mg/kg-day	--	--	1.1E-002
	Vanadium	84	mg/kg	84	mg/kg	Route	7.2E-005	mg/kg-day	7.0E-003	mg/kg-day	--	--	1.0E-002
	Zinc	1903	mg/kg	1903	mg/kg	Route	1.6E-003	mg/kg-day	3.0E-001	mg/kg-day	--	--	5.4E-003
	Cyanide	1	mg/kg	1	mg/kg	Route	9.4E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	4.7E-005
Dermal Absorption	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	cis-1,2-Dichloroethene	7.1	mg/kg	7.1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Tetrachloroethylene	0.91	mg/kg	0.91	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Trichloroethene	8.4	mg/kg	8.4	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	2-Methylnaphthalene	48	mg/kg	48	mg/kg	Route	3.5E-006	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.8E-004
	Acenaphthene	276	mg/kg	276	mg/kg	Route	2.0E-005	mg/kg-day	6.0E-002	mg/kg-day	--	--	3.4E-004
	Benzo(a)anthracene	111	mg/kg	111	mg/kg	Route	8.2E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	84	mg/kg	84	mg/kg	Route	6.2E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	28	mg/kg	28	mg/kg	Route	2.1E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	63	mg/kg	63	mg/kg	Route	4.6E-006	mg/kg-day	NA	N/A	--	--	--
	Carbazole	10	mg/kg	10	mg/kg	Route	5.7E-007	mg/kg-day	NA	N/A	--	--	--
	Chrysene	105	mg/kg	105	mg/kg	Route	7.7E-006	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	168	mg/kg	168	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	14	mg/kg	14	mg/kg	Route	1.0E-006	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	4	mg/kg	4	mg/kg	Route	2.6E-007	mg/kg-day	4.0E-002	mg/kg-day	--	--	6.6E-006
	Fluorene	197	mg/kg	197	mg/kg	Route	1.4E-005	mg/kg-day	4.0E-002	mg/kg-day	--	--	3.6E-004
	Indeno(1,2,3-cd)pyrene	35	mg/kg	35	mg/kg	Route	2.6E-006	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	17	mg/kg	17	mg/kg	Route	1.3E-006	mg/kg-day	2.0E-002	mg/kg-day	--	--	6.3E-005
	Phenanthrene	700	mg/kg	700	mg/kg	Route	5.1E-005	mg/kg-day	3.0E-002	mg/kg-day	--	--	1.7E-003
	Pyrene	40	mg/kg	40	mg/kg	Route	2.9E-006	mg/kg-day	3.0E-002	mg/kg-day	--	--	9.8E-005
	2,3,7,8-TCDD	0	mg/kg	0	mg/kg	Route	1.4E-010	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	1038	mg/kg	1038	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	4,4'-DDT	2483	mg/kg	2483	mg/kg	Route	4.2E-005	mg/kg-day	5.0E-004	mg/kg-day	--	--	8.4E-002
	Acetophenone	1	mg/kg	1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--

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TABLE 7.16.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Aldrin	120.0	mg/kg	120.0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-BHC	3.0	mg/kg	3.0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-chlordane	2	mg/kg	2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aroclor 1242	807	mg/kg	807	mg/kg	Route	6.4E-005	mg/kg-day	7.0E-005	mg/kg-day	--	--	9.1E-001
	Aroclor 1248	3,103	mg/kg	3,103	mg/kg	Route	2.5E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.2E+001
	Aroclor 1254	14,206	mg/kg	14,206	mg/kg	Route	1.1E-003	mg/kg-day	2.0E-005	mg/kg-day	--	--	5.6E+001
	Dieldrin	1,254	mg/kg	1,254	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endosulfan sulfate	20	mg/kg	20	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin	14.0	mg/kg	14.0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin aldehyde	183	mg/kg	183	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	gamma-Chlordane	1,222	mg/kg	1,222	mg/kg	Route	2.8E-005	mg/kg-day	5.0E-004	mg/kg-day	--	--	5.5E-002
	Heptachlor	7	mg/kg	7	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor epoxide	143	mg/kg	143	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dioxin-like PCBs	4	mg/kg	4	mg/kg	Route	6.4E-008	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.5E-003	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	15,783	mg/kg	15,783	mg/kg	Route	1.3E-003	mg/kg-day	NA	N/A	--	--	--
	Aluminum	33,832	mg/kg	33,832	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Arsenic	46	mg/kg	46	mg/kg	Route	7.9E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	2.6E-003
	Barium	869	mg/kg	869	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Cadmium	32	mg/kg	32	mg/kg	Route	1.9E-008	mg/kg-day	2.5E-005	mg/kg-day	--	--	7.2E-004
	Chromium	75	mg/kg	75	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Copper	7,108	mg/kg	7,108	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Iron	46753.0	mg/kg	46753.0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Manganese	763	mg/kg	763	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Mercury	1	mg/kg	1	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Thallium	1.0	mg/kg	1.0	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Vanadium	84	mg/kg	84	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Zinc	1903	mg/kg	1903	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Cyanide	1	mg/kg	1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
Inhalation	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	4.9E-006	mg/kg-day	NA	NA	--	--	--
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	1.3E-010	mg/kg-day	NA	NA	--	--	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	7.2E-006	mg/kg-day	1.7E-003	mg/kg-day	--	--	4.2E-003
	cis-1,2-Dichloroethene	7.1	mg/kg	7.1	mg/kg	Route	2.0E-004	mg/kg-day	NA	NA	--	--	--
	Tetrachloroethylene	0.91	mg/kg	0.91	mg/kg	Route	2.7E-005	mg/kg-day	1.1E-001	mg/kg-day	--	--	2.3E-004
	Trichloroethene	8.4	mg/kg	8.4	mg/kg	Route	1.9E-004	mg/kg-day	1.1E-002	mg/kg-day	--	--	1.6E-002
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	4.7E-005	mg/kg-day	2.9E-002	mg/kg-day	--	--	1.6E-003
	2-Methylnaphthalene	48	mg/kg	48	mg/kg	Route	5.8E-005	mg/kg-day	8.6E-004	mg/kg-day	--	--	6.8E-002
	Acenaphthene	276	mg/kg	276	mg/kg	Route	8.6E-005	mg/kg-day	NA	NA	--	--	--
	Benzo(a)anthracene	111	mg/kg	111	mg/kg	Route	8.5E-007	mg/kg-day	NA	NA	--	--	--
	Benzo(a)pyrene	84	mg/kg	84	mg/kg	Route	2.7E-007	mg/kg-day	NA	NA	--	--	--

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TABLE 7.16 CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Benzo(b)fluoranthene	28	mg/kg	28	mg/kg	Route	4.2E-007	mg/kg-day	NA	NA	--	--	--
	Benzo(k)fluoranthene	63	mg/kg	63	mg/kg	Route	1.4E-007	mg/kg-day	NA	NA	--	--	--
	Carbazole	10	mg/kg	10	mg/kg	Route	3.1E-007	mg/kg-day	NA	NA	--	--	--
	Chrysene	105	mg/kg	105	mg/kg	Route	2.6E-006	mg/kg-day	NA	NA	--	--	--
	Dibenzofuran	168	mg/kg	168	mg/kg	Route	4.7E-008	mg/kg-day	NA	NA	--	--	--
	Dibenz(a,h)anthracene	14	mg/kg	14	mg/kg	Route	1.5E-008	mg/kg-day	NA	NA	--	--	--
	Fluoranthene	4	mg/kg	4	mg/kg	Route	8.1E-008	mg/kg-day	NA	NA	--	--	--
	Fluorene	197	mg/kg	197	mg/kg	Route	2.6E-005	mg/kg-day	NA	NA	--	--	--
	Indeno(1,2,3-cd)pyrene	35	mg/kg	35	mg/kg	Route	5.5E-008	mg/kg-day	NA	NA	--	--	--
	Naphthalene	17	mg/kg	17	mg/kg	Route	2.1E-005	mg/kg-day	8.6E-004	mg/kg-day	--	--	2.4E-002
	Phenanthrene	700	mg/kg	700	mg/kg	Route	1.3E-005	mg/kg-day	NA	NA	--	--	--
	Pyrene	40	mg/kg	40	mg/kg	Route	7.3E-007	mg/kg-day	NA	NA	--	--	--
	2,3,7,8-TCDD	0	mg/kg	0	mg/kg	Route	2.2E-012	mg/kg-day	NA	NA	--	--	--
	4,4'-DDE	1038	mg/kg	1038	mg/kg	Route	3.2E-006	mg/kg-day	NA	NA	--	--	--
	4,4'-DDT	2483	mg/kg	2483	mg/kg	Route	6.4E-006	mg/kg-day	NA	NA	--	--	--
	Acetophenone	1	mg/kg	1	mg/kg	Route	2.1E-010	mg/kg-day	NA	NA	--	--	--
	Aldrin	120.0	mg/kg	120.0	mg/kg	Route	1.2E-006	mg/kg-day	NA	NA	--	--	--
	alpha-BHC	3.0	mg/kg	3.0	mg/kg	Route	3.7E-007	mg/kg-day	NA	NA	--	--	--
	alpha-chlordane	2	mg/kg	2	mg/kg	Route	6.4E-008	mg/kg-day	2.0E-004	mg/kg-day	--	--	3.2E-004
	Aroclor 1242	807	mg/kg	807	mg/kg	Route	1.4E-004	mg/kg-day	7.0E-005	mg/kg-day	--	--	2.0E+000
	Aroclor 1248	3,103	mg/kg	3,103	mg/kg	Route	5.3E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	2.7E+001
	Aroclor 1254	14,206	mg/kg	14,206	mg/kg	Route	2.4E-003	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.2E+002
	Dieldrin	1,254	mg/kg	1,254	mg/kg	Route	4.0E-005	mg/kg-day	NA	NA	--	--	--
	Endosulfan sulfate	20	mg/kg	20	mg/kg	Route	5.6E-009	mg/kg-day	NA	NA	--	--	--
	Endrin	14.0	mg/kg	14.0	mg/kg	Route	4.4E-007	mg/kg-day	NA	NA	--	--	--
	Endrin aldehyde	183	mg/kg	183	mg/kg	Route	5.7E-006	mg/kg-day	NA	NA	--	--	--
	gamma-Chlordane	1,222	mg/kg	1,222	mg/kg	Route	3.4E-007	mg/kg-day	2.0E-004	mg/kg-day	--	--	1.7E-003
	Heptachlor	7	mg/kg	7	mg/kg	Route	2.2E-007	mg/kg-day	NA	NA	--	--	--
	Heptachlor epoxide	143	mg/kg	143	mg/kg	Route	2.0E-006	mg/kg-day	NA	NA	--	--	--
	Dioxin-like PCBs	4	mg/kg	4	mg/kg	Route	1.1E-009	mg/kg-day	NA	NA	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	5.4E-003	mg/kg-day	NA	NA	--	--	--
	Total PCBs	15,783	mg/kg	15,783	mg/kg	Route	2.7E-003	mg/kg-day	NA	NA	--	--	--
	Aluminum	33,832	mg/kg	33,832	mg/kg	Route	9.5E-006	mg/kg-day	1.4E-003	mg/kg-day	--	--	6.6E-003
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	1.6E-009	mg/kg-day	NA	NA	--	--	--
	Arsenic	46	mg/kg	46	mg/kg	Route	1.3E-008	mg/kg-day	NA	NA	--	--	--
	Barium	869	mg/kg	869	mg/kg	Route	2.4E-007	mg/kg-day	1.4E-004	mg/kg-day	--	--	1.7E-003
	Cadmium	32	mg/kg	32	mg/kg	Route	9.0E-009	mg/kg-day	5.7E-005	mg/kg-day	--	--	1.6E-004
	Chromium	75	mg/kg	75	mg/kg	Route	2.1E-008	mg/kg-day	NA	NA	--	--	--
	Copper	7,108	mg/kg	7,108	mg/kg	Route	2.0E-006	mg/kg-day	NA	NA	--	--	--
	Iron	46753.0	mg/kg	46753.0	mg/kg	Route	1.3E-005	mg/kg-day	NA	NA	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	NA	--	--	--
	Manganese	763	mg/kg	763	mg/kg	Route	2.1E-007	mg/kg-day	1.4E-005	mg/kg-day	--	--	1.5E-002
	Mercury	1	mg/kg	1	mg/kg	Route	2.8E-005	mg/kg-day	NA	NA	--	--	--

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TABLE 7.16.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Silver	9.8	mg/kg	9.8	mg/kg	Route	2.7E-009	mg/kg-day	NA	NA	--	--	--
	Thallium	1.0	mg/kg	1.0	mg/kg	Route	2.8E-010	mg/kg-day	NA	NA	--	--	--
	Vanadium	84	mg/kg	84	mg/kg	Route	2.4E-008	mg/kg-day	NA	NA	--	--	--
	Zinc	1903	mg/kg	1903	mg/kg	Route	5.3E-007	mg/kg-day	NA	NA	--	--	--
	Cyanide	1	mg/kg	1	mg/kg	Route	3.1E-010	mg/kg-day	NA	NA	--	--	--
												Total Hazard Index Across All Exposure Routes/Pathways	1.0E+003

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic.

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TABLE 7.17.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Ingestion	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	7.0E-008	mg/kg-day	9.0E-003	mg/kg-day	--	--	7.8E-006
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	4.2E-007	mg/kg-day	9.0E-004	mg/kg-day	--	--	4.7E-004
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	2.2E-007	mg/kg-day	3.0E-003	mg/kg-day	--	--	7.3E-005
	cis-1,2-Dichloroethene	2.4	mg/kg	2.4	mg/kg	Route	2.1E-006	mg/kg-day	1.0E-002	mg/kg-day	--	--	2.1E-004
	Tetrachloroethylene	0.49	mg/kg	0.49	mg/kg	Route	4.3E-007	mg/kg-day	1.0E-002	mg/kg-day	--	--	4.3E-005
	Trichloroethene	2	mg/kg	2	mg/kg	Route	1.8E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	5.9E-003
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	3.7E-007	mg/kg-day	3.0E-003	mg/kg-day	--	--	1.2E-004
	2-Methylnaphthalene	2.7	mg/kg	2.7	mg/kg	Route	2.4E-006	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.2E-004
	Acenaphthene	1.1	mg/kg	1.1	mg/kg	Route	9.7E-007	mg/kg-day	6.0E-002	mg/kg-day	--	--	1.6E-005
	Benzo(a)anthracene	2.2	mg/kg	2.2	mg/kg	Route	1.9E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	2.1	mg/kg	2.1	mg/kg	Route	1.8E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	3.4	mg/kg	3.4	mg/kg	Route	3.0E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	2.4	mg/kg	2.4	mg/kg	Route	2.1E-006	mg/kg-day	NA	N/A	--	--	--
	Carbazole	1.2	mg/kg	1.2	mg/kg	Route	1.1E-006	mg/kg-day	NA	N/A	--	--	--
	Chrysene	3.2	mg/kg	3.2	mg/kg	Route	2.8E-006	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	4.7	mg/kg	4.7	mg/kg	Route	4.1E-006	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	1.8	mg/kg	1.8	mg/kg	Route	1.6E-006	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	419	mg/kg	419	mg/kg	Route	3.7E-004	mg/kg-day	4.0E-002	mg/kg-day	--	--	9.2E-003
	Fluorene	7.1	mg/kg	7.1	mg/kg	Route	6.3E-006	mg/kg-day	4.0E-002	mg/kg-day	--	--	1.6E-004
	Indeno(1,2,3-cd)pyrene	1.9	mg/kg	1.9	mg/kg	Route	1.7E-006	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	3.2	mg/kg	3.2	mg/kg	Route	2.8E-006	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.4E-004
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	1.8E-006	mg/kg-day	3.0E-002	mg/kg-day	--	--	6.2E-005
	Pyrene	2.9	mg/kg	2.9	mg/kg	Route	2.6E-006	mg/kg-day	3.0E-002	mg/kg-day	--	--	8.5E-005
	2,3,7,8-TCDD	0.0	mg/kg	0.0	mg/kg	Route	7.0E-009	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	20.8	mg/kg	20.8	mg/kg	Route	1.8E-005	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDT	0.97	mg/kg	0.97	mg/kg	Route	8.5E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	1.7E-003
	Acetophenone	0.8	mg/kg	0.8	mg/kg	Route	6.7E-007	mg/kg-day	1.0E-001	mg/kg-day	--	--	6.7E-006
	Aldrin	17	mg/kg	17	mg/kg	Route	1.5E-005	mg/kg-day	3.0E-005	mg/kg-day	--	--	5.0E-001
	alpha-BHC	0.91	mg/kg	0.91	mg/kg	Route	8.0E-007	mg/kg-day	NA	N/A	--	--	--
	alpha-chlordane	0.69	mg/kg	0.69	mg/kg	Route	6.1E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	1.2E-003
	Aroclor 1242	29.0	mg/kg	29.0	mg/kg	Route	2.6E-005	mg/kg-day	7.0E-005	mg/kg-day	--	--	3.6E-001
	Aroclor 1248	454	mg/kg	454	mg/kg	Route	4.0E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	2.0E+001
	Aroclor 1254	1755	mg/kg	1755	mg/kg	Route	1.5E-003	mg/kg-day	2.0E-005	mg/kg-day	--	--	7.7E+001
	Dieldrin	31	mg/kg	31	mg/kg	Route	2.7E-005	mg/kg-day	5.0E-005	mg/kg-day	--	--	5.5E-001
	Endosulfan sulfate	2.5	mg/kg	2.5	mg/kg	Route	2.2E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	7.3E-003
	Endrin	1.9	mg/kg	1.9	mg/kg	Route	1.7E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	5.6E-003
	Endrin aldehyde	4	mg/kg	4	mg/kg	Route	3.5E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.2E-002
	gamma-Chlordane	0.3	mg/kg	0.3	mg/kg	Route	2.8E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	5.6E-004
	Heptachlor	1	mg/kg	1	mg/kg	Route	4.8E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	9.5E-004
	Heptachlor epoxide	4	mg/kg	4	mg/kg	Route	3.6E-006	mg/kg-day	1.3E-005	mg/kg-day	--	--	2.8E-001
	Dioxin-like PCBs	4	mg/kg	4	mg/kg	Route	3.3E-006	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.8E-002	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	2,246	mg/kg	2,246	mg/kg	Route	2.0E-003	mg/kg-day	NA	N/A	--	--	--

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TABLE 7.17.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Aluminum	17,468	mg/kg	17,468	mg/kg	Route	1.5E-002	mg/kg-day	1.0E+000	mg/kg-day	--	--	1.5E-002
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	5.0E-006	mg/kg-day	4.0E-004	mg/kg-day	--	--	1.3E-002
	Arsenic	25.1	mg/kg	25.1	mg/kg	Route	2.2E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	7.4E-002
	Barium	869	mg/kg	869	mg/kg	Route	7.7E-004	mg/kg-day	7.0E-002	mg/kg-day	--	--	1.1E-002
	Cadmium	32.0	mg/kg	32.0	mg/kg	Route	2.8E-005	mg/kg-day	1.0E-003	mg/kg-day	--	--	2.8E-002
	Chromium	32.0	mg/kg	32.0	mg/kg	Route	2.8E-005	mg/kg-day	3.0E-003	mg/kg-day	--	--	9.4E-003
	Copper	230	mg/kg	230	mg/kg	Route	2.0E-004	mg/kg-day	3.7E-002	mg/kg-day	--	--	5.5E-003
	Cyanide	0.39	mg/kg	0.39	mg/kg	Route	3.4E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.7E-005
	Iron	26,753	mg/kg	26,753	mg/kg	Route	2.4E-002	mg/kg-day	3.0E-001	mg/kg-day	--	--	7.9E-002
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--	--	--
	Manganese	463	mg/kg	463	mg/kg	Route	4.1E-004	mg/kg-day	2.3E-002	mg/kg-day	--	--	1.8E-002
	Mercury	0.44	mg/kg	0.44	mg/kg	Route	3.9E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.3E-003
	Silver	9.8	mg/kg	9.8	mg/kg	Route	8.6E-006	mg/kg-day	5.0E-003	mg/kg-day	--	--	1.7E-003
	Thallium	0.87	mg/kg	0.87	mg/kg	Route	7.7E-007	mg/kg-day	8.0E-005	mg/kg-day	--	--	9.6E-003
	Vanadium	43.0	mg/kg	43.0	mg/kg	Route	3.8E-005	mg/kg-day	7.0E-003	mg/kg-day	--	--	5.4E-003
	Zinc	601	mg/kg	601	mg/kg	Route	5.3E-004	mg/kg-day	3.0E-001	mg/kg-day	--	--	1.8E-003
Dermal Absorption	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	cis-1,2-Dichloroethene	2.4	mg/kg	2.4	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Tetrachloroethylene	0.49	mg/kg	0.49	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Trichloroethene	2	mg/kg	2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	2-Methylnaphthalene	2.7	mg/kg	2.7	mg/kg	Route	2.0E-006	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.0E-004
	Acenaphthene	1.1	mg/kg	1.1	mg/kg	Route	8.3E-007	mg/kg-day	6.0E-002	mg/kg-day	--	--	1.4E-005
	Benzo(a)anthracene	2.2	mg/kg	2.2	mg/kg	Route	1.7E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	2.1	mg/kg	2.1	mg/kg	Route	1.6E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	3.4	mg/kg	3.4	mg/kg	Route	2.6E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	2.4	mg/kg	2.4	mg/kg	Route	1.8E-006	mg/kg-day	NA	N/A	--	--	--
	Carbazole	1.2	mg/kg	1.2	mg/kg	Route	7.0E-007	mg/kg-day	NA	N/A	--	--	--
	Chrysene	3.2	mg/kg	3.2	mg/kg	Route	2.4E-006	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	4.7	mg/kg	4.7	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	1.8	mg/kg	1.8	mg/kg	Route	1.4E-006	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	419	mg/kg	419	mg/kg	Route	3.2E-004	mg/kg-day	4.0E-002	mg/kg-day	--	--	7.9E-003
	Fluorene	7.1	mg/kg	7.1	mg/kg	Route	5.4E-006	mg/kg-day	4.0E-002	mg/kg-day	--	--	1.3E-004
	Indeno(1,2,3-cd)pyrene	1.9	mg/kg	1.9	mg/kg	Route	1.4E-006	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	3.2	mg/kg	3.2	mg/kg	Route	2.4E-006	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.2E-004
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	1.6E-006	mg/kg-day	3.0E-002	mg/kg-day	--	--	5.3E-005
	Pyrene	2.9	mg/kg	2.9	mg/kg	Route	2.2E-006	mg/kg-day	3.0E-002	mg/kg-day	--	--	7.3E-005
	2,3,7,8-TCDD	0.0	mg/kg	0.0	mg/kg	Route	1.4E-009	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	20.8	mg/kg	20.8	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	4,4'-DDT	0.97	mg/kg	0.97	mg/kg	Route	1.7E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	3.4E-004
	Acetophenone	0.8	mg/kg	0.8	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--

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TABLE 7.17.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Aldrin	17	mg/kg	17	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-BHC	0.91	mg/kg	0.91	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-chlordane	0.69	mg/kg	0.69	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aroclor 1242	29.0	mg/kg	29.0	mg/kg	Route	2.4E-005	mg/kg-day	7.0E-005	mg/kg-day	--	--	3.4E-001
	Aroclor 1248	454	mg/kg	454	mg/kg	Route	3.7E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.8E+001
	Aroclor 1254	1755	mg/kg	1755	mg/kg	Route	1.4E-003	mg/kg-day	2.0E-005	mg/kg-day	--	--	7.1E+001
	Dieldrin	31	mg/kg	31	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endosulfan sulfate	2.5	mg/kg	2.5	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin	1.9	mg/kg	1.9	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin aldehyde	4	mg/kg	4	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	gamma-Chlordane	0.3	mg/kg	0.3	mg/kg	Route	7.4E-008	mg/kg-day	5.0E-004	mg/kg-day	--	--	1.5E-004
	Heptachlor	1	mg/kg	1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor epoxide	4	mg/kg	4	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dioxin-like PCBs	4	mg/kg	4	mg/kg	Route	6.6E-007	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.6E-002	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	2,246	mg/kg	2,246	mg/kg	Route	1.8E-003	mg/kg-day	NA	N/A	--	--	--
	Aluminum	17,468	mg/kg	17,468	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Arsenic	25.1	mg/kg	25.1	mg/kg	Route	4.4E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.5E-002
	Barium	869	mg/kg	869	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Cadmium	32.0	mg/kg	32.0	mg/kg	Route	1.9E-007	mg/kg-day	2.5E-005	mg/kg-day	--	--	7.4E-003
	Chromium	32.0	mg/kg	32.0	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Copper	230	mg/kg	230	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Cyanide	0.39	mg/kg	0.39	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Iron	26,753	mg/kg	26,753	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Manganese	463	mg/kg	463	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Mercury	0.44	mg/kg	0.44	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Thallium	0.87	mg/kg	0.87	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Vanadium	43.0	mg/kg	43.0	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Zinc	601	mg/kg	601	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
Inhalation	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	5.1E-006	mg/kg-day	NA	NA	--	--	--
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	1.4E-010	mg/kg-day	NA	NA	--	--	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	7.4E-006	mg/kg-day	1.7E-003	mg/kg-day	--	--	4.3E-003
	cis-1,2-Dichloroethene	2.4	mg/kg	2.4	mg/kg	Route	7.1E-005	mg/kg-day	NA	NA	--	--	--
	Tetrachloroethylene	0.49	mg/kg	0.49	mg/kg	Route	1.5E-005	mg/kg-day	1.1E-001	mg/kg-day	--	--	1.3E-004
	Trichloroethene	2	mg/kg	2	mg/kg	Route	4.6E-005	mg/kg-day	1.1E-002	mg/kg-day	--	--	4.0E-003
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	4.8E-005	mg/kg-day	2.9E-002	mg/kg-day	--	--	1.7E-003
	2-Methylnaphthalene	2.7	mg/kg	2.7	mg/kg	Route	3.4E-006	mg/kg-day	8.6E-004	mg/kg-day	--	--	3.9E-003
	Acenaphthene	1.1	mg/kg	1.1	mg/kg	Route	3.5E-007	mg/kg-day	NA	NA	--	--	--
	Benzo(a)anthracene	2.2	mg/kg	2.2	mg/kg	Route	1.7E-008	mg/kg-day	NA	NA	--	--	--
	Benzo(a)pyrene	2.1	mg/kg	2.1	mg/kg	Route	7.0E-009	mg/kg-day	NA	NA	--	--	--

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TABLE 7.17.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Benzo(b)fluoranthene	3.4	mg/kg	3.4	mg/kg	Route	5.2E-008	mg/kg-day	NA	NA	--	--	--
	Benzo(k)fluoranthene	2.4	mg/kg	2.4	mg/kg	Route	5.4E-009	mg/kg-day	NA	NA	--	--	--
	Carbazole	1.2	mg/kg	1.2	mg/kg	Route	3.8E-008	mg/kg-day	NA	NA	--	--	--
	Chrysene	3.2	mg/kg	3.2	mg/kg	Route	8.3E-008	mg/kg-day	NA	NA	--	--	--
	Dibenzofuran	4.7	mg/kg	4.7	mg/kg	Route	1.4E-009	mg/kg-day	NA	NA	--	--	--
	Dibenz(a,h)anthracene	1.8	mg/kg	1.8	mg/kg	Route	2.0E-009	mg/kg-day	NA	NA	--	--	--
	Fluoranthene	419	mg/kg	419	mg/kg	Route	9.7E-006	mg/kg-day	NA	NA	--	--	--
	Fluorene	7.1	mg/kg	7.1	mg/kg	Route	9.7E-007	mg/kg-day	NA	NA	--	--	--
	Indeno(1,2,3-cd)pyrene	1.9	mg/kg	1.9	mg/kg	Route	3.0E-009	mg/kg-day	NA	NA	--	--	--
	Naphthalene	3.2	mg/kg	3.2	mg/kg	Route	4.0E-006	mg/kg-day	8.6E-004	mg/kg-day	--	--	4.7E-003
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	4.0E-008	mg/kg-day	NA	NA	--	--	--
	Pyrene	2.9	mg/kg	2.9	mg/kg	Route	5.5E-008	mg/kg-day	NA	NA	--	--	--
	2,3,7,8-TCDD	0.0	mg/kg	0.0	mg/kg	Route	2.3E-012	mg/kg-day	NA	NA	--	--	--
	4,4'-DDE	20.8	mg/kg	20.8	mg/kg	Route	6.5E-008	mg/kg-day	NA	NA	--	--	--
	4,4'-DDT	0.97	mg/kg	0.97	mg/kg	Route	2.6E-009	mg/kg-day	NA	NA	--	--	--
	Acetophenone	0.8	mg/kg	0.8	mg/kg	Route	2.2E-010	mg/kg-day	NA	NA	--	--	--
	Aldrin	17	mg/kg	17	mg/kg	Route	1.8E-007	mg/kg-day	NA	NA	--	--	--
	alpha-BHC	0.91	mg/kg	0.91	mg/kg	Route	1.2E-007	mg/kg-day	NA	NA	--	--	--
	alpha-chlordane	0.69	mg/kg	0.69	mg/kg	Route	2.1E-008	mg/kg-day	2.0E-004	mg/kg-day	--	--	1.1E-004
	Aroclor 1242	29.0	mg/kg	29.0	mg/kg	Route	5.1E-006	mg/kg-day	7.0E-005	mg/kg-day	--	--	7.3E-002
	Aroclor 1248	454	mg/kg	454	mg/kg	Route	8.0E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	4.0E+000
	Aroclor 1254	1755	mg/kg	1755	mg/kg	Route	3.1E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.5E+001
	Dieldrin	31	mg/kg	31	mg/kg	Route	1.0E-006	mg/kg-day	NA	NA	--	--	--
	Endosulfan sulfate	2.5	mg/kg	2.5	mg/kg	Route	7.2E-010	mg/kg-day	NA	NA	--	--	--
	Endrin	1.9	mg/kg	1.9	mg/kg	Route	6.1E-008	mg/kg-day	NA	NA	--	--	--
	Endrin aldehyde	4	mg/kg	4	mg/kg	Route	1.3E-007	mg/kg-day	NA	NA	--	--	--
	gamma-Chlordane	0.3	mg/kg	0.3	mg/kg	Route	9.2E-011	mg/kg-day	2.0E-004	mg/kg-day	--	--	4.6E-007
	Heptachlor	1	mg/kg	1	mg/kg	Route	1.7E-008	mg/kg-day	NA	NA	--	--	--
	Heptachlor epoxide	4	mg/kg	4	mg/kg	Route	5.8E-008	mg/kg-day	NA	NA	--	--	--
	Dioxin-like PCBs	4	mg/kg	4	mg/kg	Route	1.1E-009	mg/kg-day	NA	NA	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	5.6E-003	mg/kg-day	NA	NA	--	--	--
	Total PCBs	2,246	mg/kg	2,246	mg/kg	Route	4.0E-004	mg/kg-day	NA	NA	--	--	--
	Aluminum	17,468	mg/kg	17,468	mg/kg	Route	5.0E-006	mg/kg-day	1.4E-003	mg/kg-day	--	--	3.5E-003
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	1.6E-009	mg/kg-day	NA	NA	--	--	--
	Arsenic	25.1	mg/kg	25.1	mg/kg	Route	7.2E-009	mg/kg-day	NA	NA	--	--	--
	Barium	869	mg/kg	869	mg/kg	Route	2.5E-007	mg/kg-day	1.4E-004	mg/kg-day	--	--	1.7E-003
	Cadmium	32.0	mg/kg	32.0	mg/kg	Route	9.2E-009	mg/kg-day	5.7E-005	mg/kg-day	--	--	1.6E-004
	Chromium	32.0	mg/kg	32.0	mg/kg	Route	9.2E-009	mg/kg-day	NA	NA	--	--	--
	Copper	230	mg/kg	230	mg/kg	Route	6.6E-008	mg/kg-day	NA	NA	--	--	--
	Cyanide	0.39	mg/kg	0.39	mg/kg	Route	1.1E-010	mg/kg-day	NA	NA	--	--	--
	Iron	26,753	mg/kg	26,753	mg/kg	Route	7.7E-006	mg/kg-day	NA	NA	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	NA	--	--	--
	Manganese	463	mg/kg	463	mg/kg	Route	1.3E-007	mg/kg-day	1.4E-005	mg/kg-day	--	--	9.3E-003

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TABLE 7.17.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Mercury	0.44	mg/kg	0.44	mg/kg	Route	1.2E-005	mg/kg-day	NA	NA	--	--	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	2.8E-009	mg/kg-day	NA	NA	--	--	--
	Thallium	0.87	mg/kg	0.87	mg/kg	Route	2.5E-010	mg/kg-day	NA	NA	--	--	--
	Vanadium	43.0	mg/kg	43.0	mg/kg	Route	1.2E-008	mg/kg-day	NA	NA	--	--	--
	Zinc	601	mg/kg	601	mg/kg	Route	1.7E-007	mg/kg-day	NA	NA	--	--	--
												Total Hazard Index Across All Exposure Routes/Pathways	2.1E+002

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic.

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TABLE 7.17.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Ingestion	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	6.9E-008	mg/kg-day	9.0E-003	mg/kg-day	--	--	7.6E-006
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	4.1E-007	mg/kg-day	9.0E-004	mg/kg-day	--	--	4.6E-004
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	2.1E-007	mg/kg-day	3.0E-003	mg/kg-day	--	--	7.1E-005
	cis-1,2-Dichloroethene	2.4	mg/kg	2.4	mg/kg	Route	2.1E-006	mg/kg-day	1.0E-002	mg/kg-day	--	--	2.1E-004
	Tetrachloroethylene	0.49	mg/kg	0.49	mg/kg	Route	4.2E-007	mg/kg-day	1.0E-002	mg/kg-day	--	--	4.2E-005
	Trichloroethene	2.0	mg/kg	2.0	mg/kg	Route	1.7E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	5.7E-003
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	3.6E-007	mg/kg-day	3.0E-003	mg/kg-day	--	--	1.2E-004
	2-Methylnaphthalene	2.7	mg/kg	2.7	mg/kg	Route	2.3E-006	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.2E-004
	Acenaphthene	1.1	mg/kg	1.1	mg/kg	Route	9.4E-007	mg/kg-day	6.0E-002	mg/kg-day	--	--	1.6E-005
	Benzo(a)anthracene	2.2	mg/kg	2.2	mg/kg	Route	1.9E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	2.1	mg/kg	2.1	mg/kg	Route	1.8E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	3.4	mg/kg	3.4	mg/kg	Route	2.9E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	2.4	mg/kg	2.4	mg/kg	Route	2.1E-006	mg/kg-day	NA	N/A	--	--	--
	Carbazole	1.2	mg/kg	1.2	mg/kg	Route	1.0E-006	mg/kg-day	NA	N/A	--	--	--
	Chrysene	3.2	mg/kg	3.2	mg/kg	Route	2.7E-006	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	4.7	mg/kg	4.7	mg/kg	Route	4.0E-006	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	1.8	mg/kg	1.8	mg/kg	Route	1.5E-006	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	419.0	mg/kg	419.0	mg/kg	Route	3.6E-004	mg/kg-day	4.0E-002	mg/kg-day	--	--	9.0E-003
	Fluorene	7.1	mg/kg	7.1	mg/kg	Route	6.1E-006	mg/kg-day	4.0E-002	mg/kg-day	--	--	1.5E-004
	Indeno(1,2,3-cd)pyrene	1.9	mg/kg	1.9	mg/kg	Route	1.6E-006	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	3.2	mg/kg	3.2	mg/kg	Route	2.7E-006	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.4E-004
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	1.8E-006	mg/kg-day	3.0E-002	mg/kg-day	--	--	6.0E-005
	Pyrene	2.9	mg/kg	2.9	mg/kg	Route	2.5E-006	mg/kg-day	3.0E-002	mg/kg-day	--	--	8.3E-005
	2,3,7,8-TCDD	0	mg/kg	0	mg/kg	Route	6.9E-009	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	20.80	mg/kg	20.80	mg/kg	Route	1.8E-005	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDT	1.0	mg/kg	1.0	mg/kg	Route	8.3E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	1.7E-003
	Acetophenone	1	mg/kg	1	mg/kg	Route	6.5E-007	mg/kg-day	1.0E-001	mg/kg-day	--	--	6.5E-006
	Aldrin	17	mg/kg	17	mg/kg	Route	1.5E-005	mg/kg-day	3.0E-005	mg/kg-day	--	--	4.9E-001
	alpha-BHC	0.91	mg/kg	0.91	mg/kg	Route	7.8E-007	mg/kg-day	NA	N/A	--	--	--
	alpha-chlordane	0.7	mg/kg	0.7	mg/kg	Route	5.9E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	1.2E-003
	Aroclor 1242	29	mg/kg	29	mg/kg	Route	2.5E-005	mg/kg-day	7.0E-005	mg/kg-day	--	--	3.6E-001
	Aroclor 1248	454.0	mg/kg	454.0	mg/kg	Route	3.9E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.9E+001
	Aroclor 1254	1755.0	mg/kg	1755.0	mg/kg	Route	1.5E-003	mg/kg-day	2.0E-005	mg/kg-day	--	--	7.5E+001
	Dieldrin	31.0	mg/kg	31.0	mg/kg	Route	2.7E-005	mg/kg-day	5.0E-005	mg/kg-day	--	--	5.3E-001
	Endosulfan sulfate	2.5	mg/kg	2.5	mg/kg	Route	2.1E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	7.1E-003
	Endrin	1.9	mg/kg	1.9	mg/kg	Route	1.6E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	5.4E-003
	Endrin aldehyde	4.0	mg/kg	4.0	mg/kg	Route	3.4E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.1E-002
	gamma-Chlordane	0	mg/kg	0	mg/kg	Route	2.7E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	5.5E-004
	Heptachlor	1	mg/kg	1	mg/kg	Route	4.6E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	9.3E-004
	Heptachlor epoxide	4	mg/kg	4	mg/kg	Route	3.5E-006	mg/kg-day	1.3E-005	mg/kg-day	--	--	2.7E-001
	Dioxin-like PCBs	4	mg/kg	4	mg/kg	Route	3.3E-006	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.7E-002	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	2,246	mg/kg	2,246	mg/kg	Route	1.9E-003	mg/kg-day	NA	N/A	--	--	--

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TABLE 7.17.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Aluminum	17,468	mg/kg	17,468	mg/kg	Route	1.5E-002	mg/kg-day	1.0E+000	mg/kg-day	--	--	1.5E-002
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	4.9E-006	mg/kg-day	4.0E-004	mg/kg-day	--	--	1.2E-002
	Arsenic	25	mg/kg	25	mg/kg	Route	2.2E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	7.2E-002
	Barium	869	mg/kg	869	mg/kg	Route	7.4E-004	mg/kg-day	7.0E-002	mg/kg-day	--	--	1.1E-002
	Cadmium	32	mg/kg	32	mg/kg	Route	2.7E-005	mg/kg-day	1.0E-003	mg/kg-day	--	--	2.7E-002
	Chromium	32	mg/kg	32	mg/kg	Route	2.7E-005	mg/kg-day	3.0E-003	mg/kg-day	--	--	9.1E-003
	Copper	230	mg/kg	230	mg/kg	Route	2.0E-004	mg/kg-day	3.7E-002	mg/kg-day	--	--	5.3E-003
	Cyanide	0.39	mg/kg	0.39	mg/kg	Route	3.3E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.7E-005
	Iron	26,753	mg/kg	26,753	mg/kg	Route	2.3E-002	mg/kg-day	3.0E-001	mg/kg-day	--	--	7.6E-002
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--	--	--
	Manganese	463	mg/kg	463	mg/kg	Route	4.0E-004	mg/kg-day	2.3E-002	mg/kg-day	--	--	1.7E-002
	Mercury	0.44	mg/kg	0.44	mg/kg	Route	3.8E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.3E-003
	Silver	9.8	mg/kg	9.8	mg/kg	Route	8.4E-008	mg/kg-day	5.0E-003	mg/kg-day	--	--	1.7E-003
	Thallium	0.87	mg/kg	0.87	mg/kg	Route	7.5E-007	mg/kg-day	8.0E-005	mg/kg-day	--	--	9.3E-003
	Vanadium	43	mg/kg	43	mg/kg	Route	3.7E-005	mg/kg-day	7.0E-003	mg/kg-day	--	--	5.3E-003
	Zinc	601	mg/kg	601	mg/kg	Route	5.2E-004	mg/kg-day	3.0E-001	mg/kg-day	--	--	1.7E-003
Dermal Absorption	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	cis-1,2-Dichloroethene	2.4	mg/kg	2.4	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Tetrachloroethylene	0.49	mg/kg	0.49	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Trichloroethene	2.0	mg/kg	2.0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	2-Methylnaphthalene	2.7	mg/kg	2.7	mg/kg	Route	2.0E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	9.9E-006
	Acenaphthene	1.1	mg/kg	1.1	mg/kg	Route	8.1E-008	mg/kg-day	6.0E-002	mg/kg-day	--	--	1.3E-006
	Benzo(a)anthracene	2.2	mg/kg	2.2	mg/kg	Route	1.6E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	2.1	mg/kg	2.1	mg/kg	Route	1.5E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	3.4	mg/kg	3.4	mg/kg	Route	2.5E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	2.4	mg/kg	2.4	mg/kg	Route	1.8E-007	mg/kg-day	NA	N/A	--	--	--
	Carbazole	1.2	mg/kg	1.2	mg/kg	Route	6.8E-008	mg/kg-day	NA	N/A	--	--	--
	Chrysene	3.2	mg/kg	3.2	mg/kg	Route	2.4E-007	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	4.7	mg/kg	4.7	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	1.8	mg/kg	1.8	mg/kg	Route	1.3E-007	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	419.0	mg/kg	419.0	mg/kg	Route	3.1E-005	mg/kg-day	4.0E-002	mg/kg-day	--	--	7.7E-004
	Fluorene	7.1	mg/kg	7.1	mg/kg	Route	5.2E-007	mg/kg-day	4.0E-002	mg/kg-day	--	--	1.3E-005
	Indeno(1,2,3-cd)pyrene	1.9	mg/kg	1.9	mg/kg	Route	1.4E-007	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	3.2	mg/kg	3.2	mg/kg	Route	2.4E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.2E-005
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	1.5E-007	mg/kg-day	3.0E-002	mg/kg-day	--	--	5.1E-006
	Pyrene	2.9	mg/kg	2.9	mg/kg	Route	2.1E-007	mg/kg-day	3.0E-002	mg/kg-day	--	--	7.1E-006
	2,3,7,8-TCDD	0	mg/kg	0	mg/kg	Route	1.4E-010	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	20.80	mg/kg	20.80	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	4,4'-DDT	1.0	mg/kg	1.0	mg/kg	Route	1.6E-008	mg/kg-day	5.0E-004	mg/kg-day	--	--	3.3E-005
	Acetophenone	1	mg/kg	1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--

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TABLE 7.17.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Aldrin	17	mg/kg	17	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-BHC	0.91	mg/kg	0.91	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-chlordane	0.7	mg/kg	0.7	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aroclor 1242	29	mg/kg	29	mg/kg	Route	2.3E-006	mg/kg-day	7.0E-005	mg/kg-day	--	--	3.3E-002
	Aroclor 1248	454.0	mg/kg	454.0	mg/kg	Route	3.6E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.8E+000
	Aroclor 1254	1755.0	mg/kg	1755.0	mg/kg	Route	1.4E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	6.9E+000
	Dieldrin	31.0	mg/kg	31.0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endosulfan sulfate	2.5	mg/kg	2.5	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin	1.9	mg/kg	1.9	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin aldehyde	4.0	mg/kg	4.0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	gamma-Chlordane	0	mg/kg	0	mg/kg	Route	7.2E-009	mg/kg-day	5.0E-004	mg/kg-day	--	--	1.4E-005
	Heptachlor	1	mg/kg	1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor epoxide	4	mg/kg	4	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dioxin-like PCBs	4	mg/kg	4	mg/kg	Route	6.4E-008	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.5E-003	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	2,246	mg/kg	2,246	mg/kg	Route	1.8E-004	mg/kg-day	NA	N/A	--	--	--
	Aluminum	17,468	mg/kg	17,468	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Arsenic	25	mg/kg	25	mg/kg	Route	4.3E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.4E-003
	Barium	869	mg/kg	869	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Cadmium	32	mg/kg	32	mg/kg	Route	1.8E-008	mg/kg-day	2.5E-005	mg/kg-day	--	--	7.2E-004
	Chromium	32	mg/kg	32	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Copper	230	mg/kg	230	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Cyanide	0.39	mg/kg	0.39	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Iron	26,753	mg/kg	26,753	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Manganese	463	mg/kg	463	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Mercury	0.44	mg/kg	0.44	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Thallium	0.87	mg/kg	0.87	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Vanadium	43	mg/kg	43	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Zinc	601	mg/kg	601	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
Inhalation	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	4.9E-006	mg/kg-day	NA	NA	--	--	--
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	1.3E-010	mg/kg-day	NA	NA	--	--	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	7.2E-006	mg/kg-day	1.7E-003	mg/kg-day	--	--	4.2E-003
	cis-1,2-Dichloroethene	2.4	mg/kg	2.4	mg/kg	Route	6.9E-005	mg/kg-day	NA	NA	--	--	--
	Tetrachloroethylene	0.49	mg/kg	0.49	mg/kg	Route	1.4E-005	mg/kg-day	1.1E-001	mg/kg-day	--	--	1.3E-004
	Trichloroethene	2.0	mg/kg	2.0	mg/kg	Route	4.5E-005	mg/kg-day	1.1E-002	mg/kg-day	--	--	3.9E-003
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	4.7E-005	mg/kg-day	2.9E-002	mg/kg-day	--	--	1.6E-003
	2-Methylnaphthalene	2.7	mg/kg	2.7	mg/kg	Route	3.3E-006	mg/kg-day	8.6E-004	mg/kg-day	--	--	3.8E-003
	Acenaphthene	1.1	mg/kg	1.1	mg/kg	Route	3.4E-007	mg/kg-day	NA	NA	--	--	--
	Benzo(a)anthracene	2.2	mg/kg	2.2	mg/kg	Route	1.7E-008	mg/kg-day	NA	NA	--	--	--
	Benzo(a)pyrene	2.1	mg/kg	2.1	mg/kg	Route	6.8E-009	mg/kg-day	NA	NA	--	--	--

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TABLE 7.17.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Benzo(b)fluoranthene	3.4	mg/kg	3.4	mg/kg	Route	5.1E-008	mg/kg-day	NA	NA	--	--	--
	Benzo(k)fluoranthene	2.4	mg/kg	2.4	mg/kg	Route	5.2E-009	mg/kg-day	NA	NA	--	--	--
	Carbazole	1.2	mg/kg	1.2	mg/kg	Route	3.7E-008	mg/kg-day	NA	NA	--	--	--
	Chrysene	3.2	mg/kg	3.2	mg/kg	Route	8.1E-008	mg/kg-day	NA	NA	--	--	--
	Dibenzofuran	4.7	mg/kg	4.7	mg/kg	Route	1.3E-009	mg/kg-day	NA	NA	--	--	--
	Dibenz(a,h)anthracene	1.8	mg/kg	1.8	mg/kg	Route	1.9E-009	mg/kg-day	NA	NA	--	--	--
	Fluoranthene	419.0	mg/kg	419.0	mg/kg	Route	9.5E-006	mg/kg-day	NA	NA	--	--	--
	Fluorene	7.1	mg/kg	7.1	mg/kg	Route	9.5E-007	mg/kg-day	NA	NA	--	--	--
	Indeno(1,2,3-cd)pyrene	1.9	mg/kg	1.9	mg/kg	Route	3.0E-009	mg/kg-day	NA	NA	--	--	--
	Naphthalene	3.2	mg/kg	3.2	mg/kg	Route	3.9E-006	mg/kg-day	8.6E-004	mg/kg-day	--	--	4.5E-003
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	3.9E-008	mg/kg-day	NA	NA	--	--	--
	Pyrene	2.9	mg/kg	2.9	mg/kg	Route	5.3E-008	mg/kg-day	NA	NA	--	--	--
	2,3,7,8-TCDD	0	mg/kg	0	mg/kg	Route	2.2E-012	mg/kg-day	NA	NA	--	--	--
	4,4'-DDE	20.80	mg/kg	20.80	mg/kg	Route	6.3E-008	mg/kg-day	NA	NA	--	--	--
	4,4'-DDT	1.0	mg/kg	1.0	mg/kg	Route	2.5E-009	mg/kg-day	NA	NA	--	--	--
	Acetophenone	1	mg/kg	1	mg/kg	Route	2.1E-010	mg/kg-day	NA	NA	--	--	--
	Aldrin	17	mg/kg	17	mg/kg	Route	1.7E-007	mg/kg-day	NA	NA	--	--	--
	alpha-BHC	0.91	mg/kg	0.91	mg/kg	Route	1.1E-007	mg/kg-day	NA	NA	--	--	--
	alpha-chlordane	0.7	mg/kg	0.7	mg/kg	Route	2.1E-008	mg/kg-day	2.0E-004	mg/kg-day	--	--	1.0E-004
	Aroclor 1242	29	mg/kg	29	mg/kg	Route	5.0E-006	mg/kg-day	7.0E-005	mg/kg-day	--	--	7.1E-002
	Aroclor 1248	454.0	mg/kg	454.0	mg/kg	Route	7.8E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	3.9E+000
	Aroclor 1254	1755.0	mg/kg	1755.0	mg/kg	Route	3.0E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.5E+001
	Dieldrin	31.0	mg/kg	31.0	mg/kg	Route	1.0E-006	mg/kg-day	NA	NA	--	--	--
	Endosulfan sulfate	2.5	mg/kg	2.5	mg/kg	Route	7.0E-010	mg/kg-day	NA	NA	--	--	--
	Endrin	1.9	mg/kg	1.9	mg/kg	Route	6.0E-008	mg/kg-day	NA	NA	--	--	--
	Endrin aldehyde	4.0	mg/kg	4.0	mg/kg	Route	1.3E-007	mg/kg-day	NA	NA	--	--	--
	gamma-Chlordane	0	mg/kg	0	mg/kg	Route	9.0E-011	mg/kg-day	2.0E-004	mg/kg-day	--	--	4.5E-007
	Heptachlor	1	mg/kg	1	mg/kg	Route	1.6E-008	mg/kg-day	NA	NA	--	--	--
	Heptachlor epoxide	4	mg/kg	4	mg/kg	Route	5.6E-008	mg/kg-day	NA	NA	--	--	--
	Dioxin-like PCBs	4	mg/kg	4	mg/kg	Route	1.1E-009	mg/kg-day	NA	NA	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	5.4E-003	mg/kg-day	NA	NA	--	--	--
	Total PCBs	2,246	mg/kg	2,246	mg/kg	Route	3.9E-004	mg/kg-day	NA	NA	--	--	--
	Aluminum	17,468	mg/kg	17,468	mg/kg	Route	4.9E-006	mg/kg-day	1.4E-003	mg/kg-day	--	--	3.4E-003
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	1.6E-009	mg/kg-day	NA	NA	--	--	--
	Arsenic	25	mg/kg	25	mg/kg	Route	7.0E-009	mg/kg-day	NA	NA	--	--	--
	Barium	869	mg/kg	869	mg/kg	Route	2.4E-007	mg/kg-day	1.4E-004	mg/kg-day	--	--	1.7E-003
	Cadmium	32	mg/kg	32	mg/kg	Route	9.0E-009	mg/kg-day	5.7E-005	mg/kg-day	--	--	1.6E-004
	Chromium	32	mg/kg	32	mg/kg	Route	9.0E-009	mg/kg-day	NA	NA	--	--	--
	Copper	230	mg/kg	230	mg/kg	Route	6.4E-008	mg/kg-day	NA	NA	--	--	--
	Cyanide	0.39	mg/kg	0.39	mg/kg	Route	1.1E-010	mg/kg-day	NA	NA	--	--	--
	Iron	28,753	mg/kg	28,753	mg/kg	Route	7.5E-006	mg/kg-day	NA	NA	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	NA	--	--	--
	Manganese	463	mg/kg	463	mg/kg	Route	1.3E-007	mg/kg-day	1.4E-005	mg/kg-day	--	--	9.1E-003

TABLE 7.17.CT
CALCULATION OF NON-CANCER HAZARDS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Mercury	0.44	mg/kg	0.44	mg/kg	Route	1.1E-005	mg/kg-day	NA	NA	--	--	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	2.7E-009	mg/kg-day	NA	NA	--	--	--
	Thallium	0.87	mg/kg	0.87	mg/kg	Route	2.4E-010	mg/kg-day	NA	NA	--	--	--
	Vanadium	43	mg/kg	43	mg/kg	Route	1.2E-008	mg/kg-day	NA	NA	--	--	--
	Zinc	601	mg/kg	601	mg/kg	Route	1.7E-007	mg/kg-day	NA	NA	--	--	--
												Total Hazard Index Across All Exposure Routes/Pathways	1.2E+002

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic.

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TABLE 7.18.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Ingestion	Benzene	0.001	mg/kg	0.001	mg/kg	Route	2.8E-009	mg/kg-day	3.0E-003	mg/kg-day	--	--	9.3E-007
	Trichloroethene	0.04	mg/kg	0.04	mg/kg	Route	1.1E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	3.7E-004
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	2.4E-006	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.2E-004
	Benzo(a)anthracene	1.6	mg/kg	1.6	mg/kg	Route	4.5E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	1.3	mg/kg	1.3	mg/kg	Route	3.6E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	3.3E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	1.6	mg/kg	1.6	mg/kg	Route	4.5E-006	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	1.5E-006	mg/kg-day	NA	N/A	--	--	--
	Indeno(1,2,3-cd)pyrene	0.81	mg/kg	0.81	mg/kg	Route	2.3E-006	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	5.6E-006	mg/kg-day	NA	N/A	--	--	--
	Aldrin	2.4	mg/kg	2.4	mg/kg	Route	6.7E-006	mg/kg-day	3.0E-005	mg/kg-day	--	--	2.2E-001
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	4.5E-007	mg/kg-day	NA	N/A	--	--	--
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	3.9E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	7.8E-004
	Aroclor 1242	9.6	mg/kg	9.6	mg/kg	Route	2.7E-005	mg/kg-day	7.0E-005	mg/kg-day	--	--	3.8E-001
	Aroclor 1248	62.7	mg/kg	62.7	mg/kg	Route	1.7E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	8.7E+000
	Aroclor 1254	108	mg/kg	108	mg/kg	Route	3.0E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.5E+001
	Dieldrin	2.9	mg/kg	2.9	mg/kg	Route	8.1E-006	mg/kg-day	5.0E-005	mg/kg-day	--	--	1.6E-001
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	8.9E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	3.0E-003
	Endrin	1.8	mg/kg	1.8	mg/kg	Route	5.0E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.7E-002
	Heptachlor	2	mg/kg	2	mg/kg	Route	5.0E-006	mg/kg-day	5.0E-004	mg/kg-day	--	--	1.0E-002
	Heptachlor epoxide	1	mg/kg	1	mg/kg	Route	2.5E-006	mg/kg-day	1.3E-005	mg/kg-day	--	--	2.0E-001
	Total PCBs	154	mg/kg	154	mg/kg	Route	4.3E-004	mg/kg-day	NA	N/A	--	--	--
	Aluminum	13580	mg/kg	13580	mg/kg	Route	3.8E-002	mg/kg-day	1.0E+000	mg/kg-day	--	--	3.8E-002
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	8.9E-006	mg/kg-day	4.0E-004	mg/kg-day	--	--	2.2E-002
	Arsenic	21	mg/kg	21	mg/kg	Route	5.9E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	2.0E-001
	Barium	292.0	mg/kg	292.0	mg/kg	Route	8.1E-004	mg/kg-day	7.0E-002	mg/kg-day	--	--	1.2E-002
	Cadmium	12.8	mg/kg	12.8	mg/kg	Route	3.6E-005	mg/kg-day	1.0E-003	mg/kg-day	--	--	3.6E-002
	Chromium	25	mg/kg	25	mg/kg	Route	6.9E-005	mg/kg-day	3.0E-003	mg/kg-day	--	--	2.3E-002
	Copper	308	mg/kg	308	mg/kg	Route	8.6E-004	mg/kg-day	3.7E-002	mg/kg-day	--	--	2.3E-002
	Iron	25,928	mg/kg	25,928	mg/kg	Route	7.2E-002	mg/kg-day	3.0E-001	mg/kg-day	--	--	2.4E-001
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--	--	--
	Manganese	799	mg/kg	799	mg/kg	Route	2.2E-003	mg/kg-day	2.3E-002	mg/kg-day	--	--	9.7E-002
	Mercury	0.73	mg/kg	0.73	mg/kg	Route	2.0E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	6.8E-003
	Nickel	53.0	mg/kg	53.0	mg/kg	Route	1.5E-004	mg/kg-day	2.0E-002	mg/kg-day	--	--	7.4E-003
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	7.8E-006	mg/kg-day	8.0E-005	mg/kg-day	--	--	9.8E-002
	Vanadium	39.0	mg/kg	39.0	mg/kg	Route	1.1E-004	mg/kg-day	7.0E-003	mg/kg-day	--	--	1.6E-002
	Cyanide	0.51	mg/kg	0.51	mg/kg	Route	1.4E-006	mg/kg-day	2.0E-002	mg/kg-day	--	--	7.1E-005
Dermal Absorption	Benzene	0.001	mg/kg	0.001	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Trichloroethene	0.04	mg/kg	0.04	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	9.4E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	4.7E-005
	Benzo(a)anthracene	1.6	mg/kg	1.6	mg/kg	Route	1.7E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	1.3	mg/kg	1.3	mg/kg	Route	1.4E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	1.3E-006	mg/kg-day	NA	N/A	--	--	--

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TABLE 7.18.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Benzo(k)fluoranthene	1.6	mg/kg	1.6	mg/kg	Route	1.7E-006	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	5.8E-007	mg/kg-day	NA	N/A	--	--	--
	Indeno(1,2,3-cd)pyrene	0.81	mg/kg	0.81	mg/kg	Route	8.8E-007	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aldrin	2.4	mg/kg	2.4	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aroclor 1242	9.6	mg/kg	9.6	mg/kg	Route	1.1E-005	mg/kg-day	7.0E-005	mg/kg-day	--	--	1.6E-001
	Aroclor 1248	62.7	mg/kg	62.7	mg/kg	Route	7.3E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	3.7E+000
	Aroclor 1254	108	mg/kg	108	mg/kg	Route	1.3E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	6.3E+000
	Dieldrin	2.9	mg/kg	2.9	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin	1.8	mg/kg	1.8	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor	2	mg/kg	2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor epoxide	1	mg/kg	1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Total PCBs	154	mg/kg	154	mg/kg	Route	1.8E-004	mg/kg-day	NA	N/A	--	--	--
	Aluminum	13580	mg/kg	13580	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Arsenic	21	mg/kg	21	mg/kg	Route	5.3E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.8E-002
	Barium	292.0	mg/kg	292.0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Cadmium	12.8	mg/kg	12.8	mg/kg	Route	1.1E-007	mg/kg-day	2.5E-005	mg/kg-day	--	--	4.3E-003
	Chromium	25	mg/kg	25	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Copper	308	mg/kg	308	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Iron	25,928	mg/kg	25,928	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Manganese	799	mg/kg	799	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Mercury	0.73	mg/kg	0.73	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Nickel	53.0	mg/kg	53.0	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Vanadium	39.0	mg/kg	39.0	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Cyanide	0.51	mg/kg	0.51	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
Inhalation	Benzene	0.001	mg/kg	0.001	mg/kg	Route	2.3E-007	mg/kg-day	1.7E-003	mg/kg-day	--	--	1.4E-004
	Trichloroethene	0.04	mg/kg	0.04	mg/kg	Route	7.3E-006	mg/kg-day	1.1E-002	mg/kg-day	--	--	6.4E-004
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	8.5E-006	mg/kg-day	8.6E-004	mg/kg-day	--	--	9.9E-003
	Benzo(a)anthracene	1.6	mg/kg	1.6	mg/kg	Route	9.7E-008	mg/kg-day	NA	NA	--	--	--
	Benzo(a)pyrene	1.3	mg/kg	1.3	mg/kg	Route	3.2E-008	mg/kg-day	NA	NA	--	--	--
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	1.4E-007	mg/kg-day	NA	NA	--	--	--
	Benzo(k)fluoranthene	1.6	mg/kg	1.6	mg/kg	Route	2.5E-008	mg/kg-day	NA	NA	--	--	--
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	3.6E-009	mg/kg-day	NA	NA	--	--	--
	Indeno(1,2,3-cd)pyrene	0.81	mg/kg	0.81	mg/kg	Route	8.7E-009	mg/kg-day	NA	NA	--	--	--
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	4.6E-008	mg/kg-day	NA	NA	--	--	--
	Aldrin	2.4	mg/kg	2.4	mg/kg	Route	1.9E-007	mg/kg-day	NA	NA	--	--	--
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	1.6E-007	mg/kg-day	NA	NA	--	--	--

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TABLE 7.18.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	3.4E-008	mg/kg-day	2.0E-004	mg/kg-day	--	--	1.7E-004
	Aroclor 1242	9.6	mg/kg	9.6	mg/kg	Route	2.7E-006	mg/kg-day	7.0E-005	mg/kg-day	--	--	3.8E-002
	Aroclor 1248	62.7	mg/kg	62.7	mg/kg	Route	1.8E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	8.8E-001
	Aroclor 1254	108	mg/kg	108	mg/kg	Route	3.0E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.5E+000
	Dieldrin	2.9	mg/kg	2.9	mg/kg	Route	7.5E-007	mg/kg-day	NA	NA	--	--	--
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	1.2E-010	mg/kg-day	NA	NA	--	--	--
	Endrin	1.8	mg/kg	1.8	mg/kg	Route	4.6E-007	mg/kg-day	NA	NA	--	--	--
	Heptachlor	2	mg/kg	2	mg/kg	Route	4.4E-007	mg/kg-day	NA	NA	--	--	--
	Heptachlor epoxide	1	mg/kg	1	mg/kg	Route	1.0E-007	mg/kg-day	NA	NA	--	--	--
	Total PCBs	154	mg/kg	154	mg/kg	Route	4.3E-005	mg/kg-day	NA	NA	--	--	--
	Aluminum	13580	mg/kg	13580	mg/kg	Route	5.3E-006	mg/kg-day	1.4E-003	mg/kg-day	--	--	3.7E-003
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	1.2E-009	mg/kg-day	NA	NA	--	--	--
	Arsenic	21	mg/kg	21	mg/kg	Route	8.2E-009	mg/kg-day	NA	NA	--	--	--
	Barium	292.0	mg/kg	292.0	mg/kg	Route	1.1E-007	mg/kg-day	1.4E-004	mg/kg-day	--	--	8.0E-004
	Cadmium	12.8	mg/kg	12.8	mg/kg	Route	5.0E-009	mg/kg-day	2.6E-004	mg/kg-day	--	--	1.9E-005
	Chromium	25	mg/kg	25	mg/kg	Route	9.7E-009	mg/kg-day	NA	NA	--	--	--
	Copper	308	mg/kg	308	mg/kg	Route	1.2E-007	mg/kg-day	NA	NA	--	--	--
	Iron	25,928	mg/kg	25,928	mg/kg	Route	1.0E-005	mg/kg-day	NA	NA	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	NA	--	--	--
	Manganese	799	mg/kg	799	mg/kg	Route	3.1E-007	mg/kg-day	1.4E-005	mg/kg-day	--	--	2.2E-002
	Mercury	0.73	mg/kg	0.73	mg/kg	Route	1.5E-004	mg/kg-day	NA	NA	--	--	--
	Nickel	53.0	mg/kg	53.0	mg/kg	Route	2.1E-008	mg/kg-day	NA	NA	--	--	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	1.1E-009	mg/kg-day	NA	NA	--	--	--
	Vanadium	39.0	mg/kg	39.0	mg/kg	Route	1.5E-008	mg/kg-day	NA	NA	--	--	--
	Cyanide	0.51	mg/kg	0.51	mg/kg	Route	2.0E-010	mg/kg-day	NA	NA	--	--	--
												Total Hazard Index Across All Exposure Routes/Pathways	3.8E+001

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic.

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TABLE 7.19.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Ingestion	Benzene	0.001	mg/kg	0.001	mg/kg	Route	2.8E-009	mg/kg-day	3.0E-003	mg/kg-day	--	--	9.3E-007
	Trichloroethene	0.027	mg/kg	0.027	mg/kg	Route	7.5E-008	mg/kg-day	3.0E-004	mg/kg-day	--	--	2.5E-004
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	2.4E-006	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.2E-004
	Benzo(a)anthracene	0.8	mg/kg	0.8	mg/kg	Route	2.2E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	0.85	mg/kg	0.85	mg/kg	Route	2.4E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	3.3E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	0.71	mg/kg	0.71	mg/kg	Route	2.0E-006	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	1.5E-006	mg/kg-day	NA	N/A	--	--	--
	Indeno(1,2,3-cd)pyrene	0.65	mg/kg	0.65	mg/kg	Route	1.8E-006	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	5.6E-006	mg/kg-day	NA	N/A	--	--	--
	Aldrin	1.3	mg/kg	1.3	mg/kg	Route	3.6E-006	mg/kg-day	3.0E-005	mg/kg-day	--	--	1.2E-001
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	4.5E-007	mg/kg-day	NA	N/A	--	--	--
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	3.9E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	7.8E-004
	Aroclor 1242	4.2	mg/kg	4.2	mg/kg	Route	1.2E-005	mg/kg-day	7.0E-005	mg/kg-day	--	--	1.7E-001
	Aroclor 1248	11	mg/kg	11	mg/kg	Route	3.1E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.5E+000
	Aroclor 1254	80	mg/kg	80	mg/kg	Route	2.2E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.1E+001
	Dieldrin	0.26	mg/kg	0.26	mg/kg	Route	7.3E-007	mg/kg-day	5.0E-005	mg/kg-day	--	--	1.5E-002
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	8.9E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	3.0E-003
	Endrin	0.4	mg/kg	0.4	mg/kg	Route	1.2E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	4.0E-003
	Heptachlor	0.1	mg/kg	0.1	mg/kg	Route	3.3E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	6.7E-004
	Heptachlor epoxide	1	mg/kg	1	mg/kg	Route	2.5E-006	mg/kg-day	1.3E-005	mg/kg-day	--	--	2.0E-001
	Total PCBs	122	mg/kg	122	mg/kg	Route	3.4E-004	mg/kg-day	NA	N/A	--	--	--
	Aluminum	12135	mg/kg	12135	mg/kg	Route	3.4E-002	mg/kg-day	1.0E+000	mg/kg-day	--	--	3.4E-002
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	8.9E-006	mg/kg-day	4.0E-004	mg/kg-day	--	--	2.2E-002
	Arsenic	21	mg/kg	21	mg/kg	Route	5.9E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	2.0E-001
	Barium	292	mg/kg	292	mg/kg	Route	8.1E-004	mg/kg-day	7.0E-002	mg/kg-day	--	--	1.2E-002
	Cadmium	7.6	mg/kg	7.6	mg/kg	Route	2.1E-005	mg/kg-day	1.0E-003	mg/kg-day	--	--	2.1E-002
	Chromium	25	mg/kg	25	mg/kg	Route	7.0E-005	mg/kg-day	3.0E-003	mg/kg-day	--	--	2.3E-002
	Copper	308	mg/kg	308	mg/kg	Route	8.6E-004	mg/kg-day	3.7E-002	mg/kg-day	--	--	2.3E-002
	Iron	25,928	mg/kg	25,928	mg/kg	Route	7.2E-002	mg/kg-day	3.0E-001	mg/kg-day	--	--	2.4E-001
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--	--	--
	Manganese	799	mg/kg	799	mg/kg	Route	2.2E-003	mg/kg-day	2.3E-002	mg/kg-day	--	--	9.7E-002
	Mercury	0.21	mg/kg	0.21	mg/kg	Route	5.9E-007	mg/kg-day	3.0E-004	mg/kg-day	--	--	2.0E-003
	Nickel	42.0	mg/kg	42.0	mg/kg	Route	1.2E-004	mg/kg-day	2.0E-002	mg/kg-day	--	--	5.9E-003
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	7.8E-006	mg/kg-day	8.0E-005	mg/kg-day	--	--	9.8E-002
	Vanadium	28.0	mg/kg	28.0	mg/kg	Route	7.8E-005	mg/kg-day	7.0E-003	mg/kg-day	--	--	1.1E-002
	Cyanide	0.2	mg/kg	0.2	mg/kg	Route	5.6E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	2.8E-005
Dermal Absorption	Benzene	0.001	mg/kg	0.001	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Trichloroethene	0.027	mg/kg	0.027	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	9.4E-007	mg/kg-day	2.0E-002	mg/kg-day	--	--	4.7E-005
	Benzo(a)anthracene	0.8	mg/kg	0.8	mg/kg	Route	8.7E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	0.85	mg/kg	0.85	mg/kg	Route	9.2E-007	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	1.3E-006	mg/kg-day	NA	N/A	--	--	--

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TABLE 7.19.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Benzo(k)fluoranthene	0.71	mg/kg	0.71	mg/kg	Route	7.7E-007	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	5.8E-007	mg/kg-day	NA	N/A	--	--	--
	Indeno(1,2,3-cd)pyrene	0.65	mg/kg	0.65	mg/kg	Route	7.1E-007	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aldrin	1.3	mg/kg	1.3	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aroclor 1242	4.2	mg/kg	4.2	mg/kg	Route	4.9E-006	mg/kg-day	7.0E-005	mg/kg-day	--	--	7.0E-002
	Aroclor 1248	11	mg/kg	11	mg/kg	Route	1.3E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	6.4E-001
	Aroclor 1254	80	mg/kg	80	mg/kg	Route	9.4E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	4.7E+000
	Dieldrin	0.26	mg/kg	0.26	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin	0.4	mg/kg	0.4	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor	0.1	mg/kg	0.1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor epoxide	1	mg/kg	1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Total PCBs	122	mg/kg	122	mg/kg	Route	1.4E-004	mg/kg-day	NA	N/A	--	--	--
	Aluminum	12135	mg/kg	12135	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Arsenic	21	mg/kg	21	mg/kg	Route	5.3E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.8E-002
	Barium	292	mg/kg	292	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Cadmium	7.6	mg/kg	7.6	mg/kg	Route	6.4E-008	mg/kg-day	2.5E-005	mg/kg-day	--	--	2.5E-003
	Chromium	25	mg/kg	25	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Copper	308	mg/kg	308	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Iron	25,928	mg/kg	25,928	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Manganese	799	mg/kg	799	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Mercury	0.21	mg/kg	0.21	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Nickel	42.0	mg/kg	42.0	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Vanadium	28.0	mg/kg	28.0	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Cyanide	0.2	mg/kg	0.2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
Inhalation	Benzene	0.001	mg/kg	0.001	mg/kg	Route	2.3E-007	mg/kg-day	1.7E-003	mg/kg-day	--	--	1.4E-004
	Trichloroethene	0.027	mg/kg	0.027	mg/kg	Route	4.9E-006	mg/kg-day	1.1E-002	mg/kg-day	--	--	4.3E-004
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	8.5E-006	mg/kg-day	8.6E-004	mg/kg-day	--	--	9.9E-003
	Benzo(a)anthracene	0.8	mg/kg	0.8	mg/kg	Route	4.8E-008	mg/kg-day	NA	NA	--	--	--
	Benzo(a)pyrene	0.85	mg/kg	0.85	mg/kg	Route	2.1E-008	mg/kg-day	NA	NA	--	--	--
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	1.4E-007	mg/kg-day	NA	NA	--	--	--
	Benzo(k)fluoranthene	0.71	mg/kg	0.71	mg/kg	Route	1.1E-008	mg/kg-day	NA	NA	--	--	--
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	3.6E-009	mg/kg-day	NA	NA	--	--	--
	Indeno(1,2,3-cd)pyrene	0.65	mg/kg	0.65	mg/kg	Route	7.0E-009	mg/kg-day	NA	NA	--	--	--
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	4.6E-008	mg/kg-day	NA	NA	--	--	--
	Aldrin	1.3	mg/kg	1.3	mg/kg	Route	1.0E-007	mg/kg-day	NA	NA	--	--	--
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	1.6E-007	mg/kg-day	NA	NA	--	--	--

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TABLE 7.19.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	3.4E-008	mg/kg-day	2.0E-004	mg/kg-day	--	--	1.7E-004
	Aroclor 1242	4.2	mg/kg	4.2	mg/kg	Route	1.2E-006	mg/kg-day	7.0E-005	mg/kg-day	--	--	1.7E-002
	Aroclor 1248	11	mg/kg	11	mg/kg	Route	3.1E-006	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.5E-001
	Aroclor 1254	80	mg/kg	80	mg/kg	Route	2.2E-005	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.1E+000
	Dieldrin	0.26	mg/kg	0.26	mg/kg	Route	6.8E-008	mg/kg-day	NA	NA	--	--	--
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	1.2E-010	mg/kg-day	NA	NA	--	--	--
	Endrin	0.4	mg/kg	0.4	mg/kg	Route	1.1E-007	mg/kg-day	NA	NA	--	--	--
	Heptachlor	0.1	mg/kg	0.1	mg/kg	Route	2.9E-008	mg/kg-day	NA	NA	--	--	--
	Heptachlor epoxide	1	mg/kg	1	mg/kg	Route	1.0E-007	mg/kg-day	NA	NA	--	--	--
	Total PCBs	122	mg/kg	122	mg/kg	Route	3.4E-005	mg/kg-day	NA	NA	--	--	--
	Aluminum	12135	mg/kg	12135	mg/kg	Route	4.7E-006	mg/kg-day	1.4E-003	mg/kg-day	--	--	3.3E-003
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	1.2E-009	mg/kg-day	NA	NA	--	--	--
	Arsenic	21	mg/kg	21	mg/kg	Route	8.2E-009	mg/kg-day	NA	NA	--	--	--
	Barium	292	mg/kg	292	mg/kg	Route	1.1E-007	mg/kg-day	1.4E-004	mg/kg-day	--	--	8.0E-004
	Cadmium	7.6	mg/kg	7.6	mg/kg	Route	3.0E-009	mg/kg-day	2.6E-004	mg/kg-day	--	--	1.2E-005
	Chromium	25	mg/kg	25	mg/kg	Route	9.7E-009	mg/kg-day	NA	NA	--	--	--
	Copper	308	mg/kg	308	mg/kg	Route	1.2E-007	mg/kg-day	NA	NA	--	--	--
	Iron	25,928	mg/kg	25,928	mg/kg	Route	1.0E-005	mg/kg-day	NA	NA	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	NA	--	--	--
	Manganese	799	mg/kg	799	mg/kg	Route	3.1E-007	mg/kg-day	1.4E-005	mg/kg-day	--	--	2.2E-002
	Mercury	0.21	mg/kg	0.21	mg/kg	Route	4.4E-005	mg/kg-day	NA	NA	--	--	--
	Nickel	42.0	mg/kg	42.0	mg/kg	Route	1.6E-008	mg/kg-day	NA	NA	--	--	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	1.1E-009	mg/kg-day	NA	NA	--	--	--
	Vanadium	28.0	mg/kg	28.0	mg/kg	Route	1.1E-008	mg/kg-day	NA	NA	--	--	--
	Cyanide	0.2	mg/kg	0.2	mg/kg	Route	7.8E-011	mg/kg-day	NA	NA	--	--	--
												Total Hazard Index Across All Exposure Routes/Pathways	2.1E+001

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic.

301945

TABLE 7.20.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Ingestion	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	2.2E-007	mg/kg-day	9.0E-003	mg/kg-day	--	--	2.5E-005
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	1.3E-006	mg/kg-day	9.0E-004	mg/kg-day	--	--	1.5E-003
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	7.0E-007	mg/kg-day	3.0E-003	mg/kg-day	--	--	2.3E-004
	cis-1,2-Dichloroethene	7.1	mg/kg	7.1	mg/kg	Route	2.0E-005	mg/kg-day	1.0E-002	mg/kg-day	--	--	2.0E-003
	Tetrachloroethylene	0.91	mg/kg	0.91	mg/kg	Route	2.5E-006	mg/kg-day	1.0E-002	mg/kg-day	--	--	2.5E-004
	Trichloroethene	8.4	mg/kg	8.4	mg/kg	Route	2.3E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	7.8E-002
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	1.2E-006	mg/kg-day	3.0E-003	mg/kg-day	--	--	3.9E-004
	2-Methylnaphthalene	47.6	mg/kg	47.6	mg/kg	Route	1.3E-004	mg/kg-day	2.0E-002	mg/kg-day	--	--	6.6E-003
	Acenaphthene	276	mg/kg	276	mg/kg	Route	7.7E-004	mg/kg-day	6.0E-002	mg/kg-day	--	--	1.3E-002
	Benzo(a)anthracene	111	mg/kg	111	mg/kg	Route	3.1E-004	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	84.0	mg/kg	84.0	mg/kg	Route	2.3E-004	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	28.0	mg/kg	28.0	mg/kg	Route	7.8E-005	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	63.0	mg/kg	63.0	mg/kg	Route	1.8E-004	mg/kg-day	NA	N/A	--	--	--
	Carbazole	10.0	mg/kg	10.0	mg/kg	Route	2.8E-005	mg/kg-day	NA	N/A	--	--	--
	Chrysene	105	mg/kg	105	mg/kg	Route	2.9E-004	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	168.0	mg/kg	168.0	mg/kg	Route	4.7E-004	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	14	mg/kg	14	mg/kg	Route	3.9E-005	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	4	mg/kg	4	mg/kg	Route	1.0E-005	mg/kg-day	4.0E-002	mg/kg-day	--	--	2.5E-004
	Fluorene	197.0	mg/kg	197.0	mg/kg	Route	5.5E-004	mg/kg-day	4.0E-002	mg/kg-day	--	--	1.4E-002
	Indeno(1,2,3-cd)pyrene	35.0	mg/kg	35.0	mg/kg	Route	9.8E-005	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	17	mg/kg	17	mg/kg	Route	4.7E-005	mg/kg-day	2.0E-002	mg/kg-day	--	--	2.4E-003
	Phenanthrene	700.0	mg/kg	700.0	mg/kg	Route	2.0E-003	mg/kg-day	3.0E-002	mg/kg-day	--	--	6.5E-002
	Pyrene	40	mg/kg	40	mg/kg	Route	1.1E-004	mg/kg-day	3.0E-002	mg/kg-day	--	--	3.7E-003
	2,3,7,8-TCDD	0	mg/kg	0	mg/kg	Route	2.2E-008	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	1,038	mg/kg	1,038	mg/kg	Route	2.9E-003	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDT	2483.0	mg/kg	2483.0	mg/kg	Route	6.9E-003	mg/kg-day	5.0E-004	mg/kg-day	--	--	1.4E+001
	Acetophenone	1	mg/kg	1	mg/kg	Route	2.1E-006	mg/kg-day	1.0E-001	mg/kg-day	--	--	2.1E-005
	Aldrin	120	mg/kg	120	mg/kg	Route	3.3E-004	mg/kg-day	3.0E-005	mg/kg-day	--	--	1.1E+001
	alpha-BHC	3	mg/kg	3	mg/kg	Route	8.4E-006	mg/kg-day	NA	N/A	--	--	--
	alpha-chlordane	2	mg/kg	2	mg/kg	Route	5.9E-006	mg/kg-day	5.0E-004	mg/kg-day	--	--	1.2E-002
	Aroclor 1242	807	mg/kg	807	mg/kg	Route	2.3E-003	mg/kg-day	7.0E-005	mg/kg-day	--	--	3.2E+001
	Aroclor 1248	3103.0	mg/kg	3103.0	mg/kg	Route	8.7E-003	mg/kg-day	2.0E-005	mg/kg-day	--	--	4.3E+002
	Aroclor 1254	14206.0	mg/kg	14206.0	mg/kg	Route	4.0E-002	mg/kg-day	2.0E-005	mg/kg-day	--	--	2.0E+003
	Dieldrin	1254	mg/kg	1254	mg/kg	Route	3.5E-003	mg/kg-day	5.0E-005	mg/kg-day	--	--	7.0E+001
	Endosulfan sulfate	20	mg/kg	20	mg/kg	Route	5.6E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.9E-001
	Endrin	14	mg/kg	14	mg/kg	Route	3.9E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.3E-001
	Endrin aldehyde	183	mg/kg	183	mg/kg	Route	5.1E-004	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.7E+000
	gamma-Chlordane	1,222	mg/kg	1,222	mg/kg	Route	3.4E-003	mg/kg-day	5.0E-004	mg/kg-day	--	--	6.8E+000
	Heptachlor	7	mg/kg	7	mg/kg	Route	2.0E-005	mg/kg-day	5.0E-004	mg/kg-day	--	--	4.1E-002
	Heptachlor epoxide	143	mg/kg	143	mg/kg	Route	4.0E-004	mg/kg-day	1.3E-005	mg/kg-day	--	--	3.1E+001
	Dioxin-like PCBs	4	mg/kg	4	mg/kg	Route	1.1E-005	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	8.8E-002	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	15,783	mg/kg	15,783	mg/kg	Route	4.4E-002	mg/kg-day	NA	N/A	--	--	--

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TABLE 7.20.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Aluminum	33,832	mg/kg	33,832	mg/kg	Route	9.4E-002	mg/kg-day	1.0E+000	mg/kg-day	--	--	9.4E-002
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	1.6E-005	mg/kg-day	4.0E-004	mg/kg-day	--	--	4.0E-002
	Arsenic	46.3	mg/kg	46.3	mg/kg	Route	1.3E-004	mg/kg-day	3.0E-004	mg/kg-day	--	--	4.3E-001
	Barium	869	mg/kg	869	mg/kg	Route	2.4E-003	mg/kg-day	7.0E-002	mg/kg-day	--	--	3.5E-002
	Cadmium	32.0	mg/kg	32.0	mg/kg	Route	8.9E-005	mg/kg-day	1.0E-003	mg/kg-day	--	--	8.9E-002
	Chromium	75.0	mg/kg	75.0	mg/kg	Route	2.1E-004	mg/kg-day	3.0E-003	mg/kg-day	--	--	7.0E-002
	Copper	7,108	mg/kg	7,108	mg/kg	Route	2.0E-002	mg/kg-day	3.7E-002	mg/kg-day	--	--	5.4E-001
	Iron	46753	mg/kg	46753	mg/kg	Route	1.3E-001	mg/kg-day	3.0E-001	mg/kg-day	--	--	4.3E-001
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--	--	--
	Manganese	763	mg/kg	763	mg/kg	Route	2.1E-003	mg/kg-day	2.3E-002	mg/kg-day	--	--	9.3E-002
	Mercury	1	mg/kg	1	mg/kg	Route	3.1E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.0E-002
	Silver	9.8	mg/kg	9.8	mg/kg	Route	2.7E-005	mg/kg-day	5.0E-003	mg/kg-day	--	--	5.5E-003
	Thallium	1	mg/kg	1	mg/kg	Route	2.8E-006	mg/kg-day	8.0E-005	mg/kg-day	--	--	3.5E-002
	Vanadium	84	mg/kg	84	mg/kg	Route	2.3E-004	mg/kg-day	7.0E-003	mg/kg-day	--	--	3.3E-002
	Zinc	1903.0	mg/kg	1903.0	mg/kg	Route	5.3E-003	mg/kg-day	3.0E-001	mg/kg-day	--	--	1.8E-002
	Cyanide	1	mg/kg	1	mg/kg	Route	3.1E-006	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.5E-004
Dermal Absorption	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	cis-1,2-Dichloroethene	7.1	mg/kg	7.1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Tetrachloroethylene	0.91	mg/kg	0.91	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Trichloroethene	8.4	mg/kg	8.4	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	2-Methylnaphthalene	47.6	mg/kg	47.6	mg/kg	Route	5.2E-005	mg/kg-day	2.0E-002	mg/kg-day	--	--	2.6E-003
	Acenaphthene	276	mg/kg	276	mg/kg	Route	3.0E-004	mg/kg-day	6.0E-002	mg/kg-day	--	--	5.0E-003
	Benzo(a)anthracene	111	mg/kg	111	mg/kg	Route	1.2E-004	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	84.0	mg/kg	84.0	mg/kg	Route	9.1E-005	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	28.0	mg/kg	28.0	mg/kg	Route	3.0E-005	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	63.0	mg/kg	63.0	mg/kg	Route	6.9E-005	mg/kg-day	NA	N/A	--	--	--
	Carbazole	10.0	mg/kg	10.0	mg/kg	Route	8.4E-006	mg/kg-day	NA	N/A	--	--	--
	Chrysene	105	mg/kg	105	mg/kg	Route	1.1E-004	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	168.0	mg/kg	168.0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	14	mg/kg	14	mg/kg	Route	1.5E-005	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	4	mg/kg	4	mg/kg	Route	3.9E-006	mg/kg-day	4.0E-002	mg/kg-day	--	--	9.8E-005
	Fluorene	197.0	mg/kg	197.0	mg/kg	Route	2.1E-004	mg/kg-day	4.0E-002	mg/kg-day	--	--	5.4E-003
	Indeno(1,2,3-cd)pyrene	35.0	mg/kg	35.0	mg/kg	Route	3.8E-005	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	17	mg/kg	17	mg/kg	Route	1.8E-005	mg/kg-day	2.0E-002	mg/kg-day	--	--	9.2E-004
	Phenanthrene	700.0	mg/kg	700.0	mg/kg	Route	7.6E-004	mg/kg-day	3.0E-002	mg/kg-day	--	--	2.5E-002
	Pyrene	40	mg/kg	40	mg/kg	Route	4.4E-005	mg/kg-day	3.0E-002	mg/kg-day	--	--	1.5E-003
	2,3,7,8-TCDD	0	mg/kg	0	mg/kg	Route	2.0E-009	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	1,038	mg/kg	1,038	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	4,4'-DDT	2483.0	mg/kg	2483.0	mg/kg	Route	6.2E-004	mg/kg-day	5.0E-004	mg/kg-day	--	--	1.2E+000
	Acetophenone	1	mg/kg	1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--

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TABLE 7.20.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Aldrin	120	mg/kg	120	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-BHC	3	mg/kg	3	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-chlordane	2	mg/kg	2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aroclor 1242	807	mg/kg	807	mg/kg	Route	9.5E-004	mg/kg-day	7.0E-005	mg/kg-day	--	--	1.4E+001
	Aroclor 1248	3103.0	mg/kg	3103.0	mg/kg	Route	3.6E-003	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.8E+002
	Aroclor 1254	14206.0	mg/kg	14206.0	mg/kg	Route	1.7E-002	mg/kg-day	2.0E-005	mg/kg-day	--	--	8.3E+002
	Dieldrin	1254	mg/kg	1254	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endosulfan sulfate	20	mg/kg	20	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin	14	mg/kg	14	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin aldehyde	183	mg/kg	183	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	gamma-Chlordane	1,222	mg/kg	1,222	mg/kg	Route	4.1E-004	mg/kg-day	5.0E-004	mg/kg-day	--	--	8.2E-001
	Heptachlor	7	mg/kg	7	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor epoxide	143	mg/kg	143	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dioxin-like PCBs	4	mg/kg	4	mg/kg	Route	9.5E-007	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	3.7E-002	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	15,783	mg/kg	15,783	mg/kg	Route	1.8E-002	mg/kg-day	NA	N/A	--	--	--
	Aluminum	33,832	mg/kg	33,832	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Arsenic	46.3	mg/kg	46.3	mg/kg	Route	1.2E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	3.9E-002
	Barium	869	mg/kg	869	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Cadmium	32.0	mg/kg	32.0	mg/kg	Route	2.7E-007	mg/kg-day	2.5E-005	mg/kg-day	--	--	1.1E-002
	Chromium	75.0	mg/kg	75.0	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Copper	7,108	mg/kg	7,108	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Iron	46753	mg/kg	46753	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Manganese	763	mg/kg	763	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Mercury	1	mg/kg	1	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Thallium	1	mg/kg	1	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Vanadium	84	mg/kg	84	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Zinc	1903.0	mg/kg	1903.0	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Cyanide	1	mg/kg	1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
Inhalation	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	4.0E-005	mg/kg-day	NA	NA	--	--	--
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	1.9E-010	mg/kg-day	NA	NA	--	--	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	5.9E-005	mg/kg-day	1.7E-003	mg/kg-day	--	--	3.4E-002
	cis-1,2-Dichloroethene	7.1	mg/kg	7.1	mg/kg	Route	1.7E-003	mg/kg-day	NA	NA	--	--	--
	Tetrachloroethylene	0.91	mg/kg	0.91	mg/kg	Route	2.2E-004	mg/kg-day	1.1E-001	mg/kg-day	--	--	1.9E-003
	Trichloroethene	8.4	mg/kg	8.4	mg/kg	Route	1.5E-003	mg/kg-day	1.1E-002	mg/kg-day	--	--	1.3E-001
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	3.8E-004	mg/kg-day	2.9E-002	mg/kg-day	--	--	1.3E-002
	2-Methylnaphthalene	47.6	mg/kg	47.6	mg/kg	Route	4.7E-004	mg/kg-day	8.8E-004	mg/kg-day	--	--	5.5E-001
	Acenaphthene	276	mg/kg	276	mg/kg	Route	7.0E-004	mg/kg-day	NA	NA	--	--	--
	Benzo(a)anthracene	111	mg/kg	111	mg/kg	Route	6.7E-006	mg/kg-day	NA	NA	--	--	--
	Benzo(a)pyrene	84.0	mg/kg	84.0	mg/kg	Route	2.1E-006	mg/kg-day	NA	NA	--	--	--

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TABLE 7.20.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Benzo(b)fluoranthene	28.0	mg/kg	28.0	mg/kg	Route	3.3E-006	mg/kg-day	NA	NA	--	--	--
	Benzo(k)fluoranthene	63.0	mg/kg	63.0	mg/kg	Route	1.0E-006	mg/kg-day	NA	NA	--	--	--
	Carbazole	10.0	mg/kg	10.0	mg/kg	Route	2.5E-006	mg/kg-day	NA	NA	--	--	--
	Chrysene	105	mg/kg	105	mg/kg	Route	2.1E-005	mg/kg-day	NA	NA	--	--	--
	Dibenzofuran	168.0	mg/kg	168.0	mg/kg	Route	6.5E-008	mg/kg-day	NA	NA	--	--	--
	Dibenz(a,h)anthracene	14	mg/kg	14	mg/kg	Route	9.5E-008	mg/kg-day	NA	NA	--	--	--
	Fluoranthene	4	mg/kg	4	mg/kg	Route	6.6E-007	mg/kg-day	NA	NA	--	--	--
	Fluorene	197.0	mg/kg	197.0	mg/kg	Route	2.1E-004	mg/kg-day	NA	NA	--	--	--
	Indeno(1,2,3-cd)pyrene	35.0	mg/kg	35.0	mg/kg	Route	3.8E-007	mg/kg-day	NA	NA	--	--	--
	Naphthalene	17	mg/kg	17	mg/kg	Route	1.7E-004	mg/kg-day	8.6E-004	mg/kg-day	--	--	2.0E-001
	Phenanthrene	700.0	mg/kg	700.0	mg/kg	Route	1.0E-004	mg/kg-day	NA	NA	--	--	--
	Pyrene	40	mg/kg	40	mg/kg	Route	5.9E-006	mg/kg-day	NA	NA	--	--	--
	2,3,7,8-TCDD	0	mg/kg	0	mg/kg	Route	3.1E-012	mg/kg-day	NA	NA	--	--	--
	4,4'-DDE	1,038	mg/kg	1,038	mg/kg	Route	2.4E-005	mg/kg-day	NA	NA	--	--	--
	4,4'-DDT	2483.0	mg/kg	2483.0	mg/kg	Route	4.7E-005	mg/kg-day	NA	NA	--	--	--
	Acetophenone	1	mg/kg	1	mg/kg	Route	3.0E-010	mg/kg-day	NA	NA	--	--	--
	Aldrin	120	mg/kg	120	mg/kg	Route	9.6E-006	mg/kg-day	NA	NA	--	--	--
	alpha-BHC	3	mg/kg	3	mg/kg	Route	3.0E-006	mg/kg-day	NA	NA	--	--	--
	alpha-chlordane	2	mg/kg	2	mg/kg	Route	5.1E-007	mg/kg-day	2.0E-004	mg/kg-day	--	--	2.6E-003
	Aroclor 1242	807	mg/kg	807	mg/kg	Route	2.3E-004	mg/kg-day	7.0E-005	mg/kg-day	--	--	3.2E+000
	Aroclor 1248	3103.0	mg/kg	3103.0	mg/kg	Route	8.7E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	4.3E+001
	Aroclor 1254	14206.0	mg/kg	14206.0	mg/kg	Route	4.0E-003	mg/kg-day	2.0E-005	mg/kg-day	--	--	2.0E+002
	Dieldrin	1254	mg/kg	1254	mg/kg	Route	3.3E-004	mg/kg-day	NA	NA	--	--	--
	Endosulfan sulfate	20	mg/kg	20	mg/kg	Route	7.8E-009	mg/kg-day	NA	NA	--	--	--
	Endrin	14	mg/kg	14	mg/kg	Route	3.5E-008	mg/kg-day	NA	NA	--	--	--
	Endrin aldehyde	183	mg/kg	183	mg/kg	Route	4.6E-005	mg/kg-day	NA	NA	--	--	--
	gamma-Chlordane	1,222	mg/kg	1,222	mg/kg	Route	4.8E-007	mg/kg-day	2.0E-004	mg/kg-day	--	--	2.4E-003
	Heptachlor	7	mg/kg	7	mg/kg	Route	1.8E-006	mg/kg-day	NA	NA	--	--	--
	Heptachlor epoxide	143	mg/kg	143	mg/kg	Route	1.6E-005	mg/kg-day	NA	NA	--	--	--
	Dioxin-like PCBs	4	mg/kg	4	mg/kg	Route	1.5E-009	mg/kg-day	NA	NA	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	8.8E-003	mg/kg-day	NA	NA	--	--	--
	Total PCBs	15,783	mg/kg	15,783	mg/kg	Route	4.4E-003	mg/kg-day	NA	NA	--	--	--
	Aluminum	33,832	mg/kg	33,832	mg/kg	Route	1.3E-005	mg/kg-day	1.4E-003	mg/kg-day	--	--	9.2E-003
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	2.2E-009	mg/kg-day	NA	NA	--	--	--
	Arsenic	46.3	mg/kg	46.3	mg/kg	Route	1.8E-008	mg/kg-day	NA	NA	--	--	--
	Barium	869	mg/kg	869	mg/kg	Route	3.4E-007	mg/kg-day	1.4E-004	mg/kg-day	--	--	2.4E-003
	Cadmium	32.0	mg/kg	32.0	mg/kg	Route	1.2E-008	mg/kg-day	2.6E-004	mg/kg-day	--	--	4.8E-005
	Chromium	75.0	mg/kg	75.0	mg/kg	Route	2.9E-008	mg/kg-day	NA	NA	--	--	--
	Copper	7,108	mg/kg	7,108	mg/kg	Route	2.8E-006	mg/kg-day	NA	NA	--	--	--
	Iron	46753	mg/kg	46753	mg/kg	Route	1.8E-005	mg/kg-day	NA	NA	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	NA	--	--	--
	Manganese	763	mg/kg	763	mg/kg	Route	3.0E-007	mg/kg-day	1.4E-005	mg/kg-day	--	--	2.1E-002
	Mercury	1	mg/kg	1	mg/kg	Route	2.3E-004	mg/kg-day	NA	NA	--	--	--

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TABLE 7.20.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Silver	9.8	mg/kg	9.8	mg/kg	Route	3.8E-009	mg/kg-day	NA	NA	--	--	--
	Thallium	1	mg/kg	1	mg/kg	Route	3.9E-010	mg/kg-day	NA	NA	--	--	--
	Vanadium	84	mg/kg	84	mg/kg	Route	3.3E-008	mg/kg-day	NA	NA	--	--	--
	Zinc	1903.0	mg/kg	1903.0	mg/kg	Route	7.4E-007	mg/kg-day	NA	NA	--	--	--
	Cyanide	1	mg/kg	1	mg/kg	Route	4.3E-010	mg/kg-day	NA	NA	--	--	--
												Total Hazard Index Across All Exposure Routes/Pathways	3.9E+003

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic

301950

TABLE 7.21.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
Ingestion	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	2.2E-007	mg/kg-day	9.0E-003	mg/kg-day	--	--	2.5E-005
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	1.3E-006	mg/kg-day	9.0E-004	mg/kg-day	--	--	1.5E-003
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	7.0E-007	mg/kg-day	3.0E-003	mg/kg-day	--	--	2.3E-004
	cis-1,2-Dichloroethene	2.4	mg/kg	2.4	mg/kg	Route	6.7E-006	mg/kg-day	1.0E-002	mg/kg-day	--	--	6.7E-004
	Tetrachloroethylene	0.49	mg/kg	0.49	mg/kg	Route	1.4E-006	mg/kg-day	1.0E-002	mg/kg-day	--	--	1.4E-004
	Trichloroethene	2	mg/kg	2	mg/kg	Route	5.6E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.9E-002
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	1.2E-006	mg/kg-day	3.0E-003	mg/kg-day	--	--	3.9E-004
	2-Methylnaphthalene	2.7	mg/kg	2.7	mg/kg	Route	7.5E-006	mg/kg-day	2.0E-002	mg/kg-day	--	--	3.8E-004
	Acenaphthene	1.1	mg/kg	1.1	mg/kg	Route	3.1E-006	mg/kg-day	6.0E-002	mg/kg-day	--	--	5.1E-005
	Benzo(a)anthracene	2.2	mg/kg	2.2	mg/kg	Route	6.1E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	2.1	mg/kg	2.1	mg/kg	Route	5.9E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	3.4	mg/kg	3.4	mg/kg	Route	9.5E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	2.4	mg/kg	2.4	mg/kg	Route	6.7E-006	mg/kg-day	NA	N/A	--	--	--
	Carbazole	1.2	mg/kg	1.2	mg/kg	Route	3.3E-006	mg/kg-day	NA	N/A	--	--	--
	Chrysene	3.2	mg/kg	3.2	mg/kg	Route	8.9E-006	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	4.7	mg/kg	4.7	mg/kg	Route	1.3E-005	mg/kg-day	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	1.8	mg/kg	1.8	mg/kg	Route	5.0E-006	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	419	mg/kg	419	mg/kg	Route	1.2E-003	mg/kg-day	4.0E-002	mg/kg-day	--	--	2.9E-002
	Fluorene	7.1	mg/kg	7.1	mg/kg	Route	2.0E-005	mg/kg-day	4.0E-002	mg/kg-day	--	--	5.0E-004
	Indeno(1,2,3-cd)pyrene	1.9	mg/kg	1.9	mg/kg	Route	5.3E-006	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	3.2	mg/kg	3.2	mg/kg	Route	8.9E-006	mg/kg-day	2.0E-002	mg/kg-day	--	--	4.5E-004
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	5.9E-006	mg/kg-day	3.0E-002	mg/kg-day	--	--	2.0E-004
	Pyrene	2.9	mg/kg	2.9	mg/kg	Route	8.1E-006	mg/kg-day	3.0E-002	mg/kg-day	--	--	2.7E-004
	2,3,7,8-TCDD	0.0	mg/kg	0.0	mg/kg	Route	2.2E-008	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	20.8	mg/kg	20.8	mg/kg	Route	5.8E-005	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDT	0.97	mg/kg	0.97	mg/kg	Route	2.7E-006	mg/kg-day	5.0E-004	mg/kg-day	--	--	5.4E-003
	Acetophenone	0.8	mg/kg	0.8	mg/kg	Route	2.1E-006	mg/kg-day	1.0E-001	mg/kg-day	--	--	2.1E-005
	Aldrin	17	mg/kg	17	mg/kg	Route	4.7E-005	mg/kg-day	3.0E-005	mg/kg-day	--	--	1.6E+000
	alpha-BHC	0.91	mg/kg	0.91	mg/kg	Route	2.5E-006	mg/kg-day	NA	N/A	--	--	--
	alpha-chlordane	0.69	mg/kg	0.69	mg/kg	Route	1.9E-006	mg/kg-day	5.0E-004	mg/kg-day	--	--	3.8E-003
	Aroclor 1242	29.0	mg/kg	29.0	mg/kg	Route	8.1E-005	mg/kg-day	7.0E-005	mg/kg-day	--	--	1.2E+000
	Aroclor 1248	454	mg/kg	454	mg/kg	Route	1.3E-003	mg/kg-day	2.0E-005	mg/kg-day	--	--	6.3E+001
	Aroclor 1254	1755	mg/kg	1755	mg/kg	Route	4.9E-003	mg/kg-day	2.0E-005	mg/kg-day	--	--	2.4E+002
	Dieldrin	31	mg/kg	31	mg/kg	Route	8.6E-005	mg/kg-day	5.0E-005	mg/kg-day	--	--	1.7E+000
	Endosulfan sulfate	2.5	mg/kg	2.5	mg/kg	Route	7.0E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	2.3E-002
	Endrin	1.9	mg/kg	1.9	mg/kg	Route	5.3E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	1.8E-002
	Endrin aldehyde	4	mg/kg	4	mg/kg	Route	1.1E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	3.7E-002
	gamma-Chlordane	0.3	mg/kg	0.3	mg/kg	Route	8.9E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	1.8E-003
	Heptachlor	1	mg/kg	1	mg/kg	Route	1.5E-006	mg/kg-day	5.0E-004	mg/kg-day	--	--	3.0E-003
	Heptachlor epoxide	4	mg/kg	4	mg/kg	Route	1.1E-005	mg/kg-day	1.3E-005	mg/kg-day	--	--	8.8E-001
	Dioxin-like PCBs	4	mg/kg	4	mg/kg	Route	1.1E-005	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	8.8E-002	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	2,246	mg/kg	2,246	mg/kg	Route	6.3E-003	mg/kg-day	NA	N/A	--	--	--

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TABLE 7.21.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Aluminum	17,468	mg/kg	17,468	mg/kg	Route	4.9E-002	mg/kg-day	1.0E+000	mg/kg-day	--	--	4.9E-002
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	1.6E-005	mg/kg-day	4.0E-004	mg/kg-day	--	--	4.0E-002
	Arsenic	25.1	mg/kg	25.1	mg/kg	Route	7.0E-005	mg/kg-day	3.0E-004	mg/kg-day	--	--	2.3E-001
	Barium	869	mg/kg	869	mg/kg	Route	2.4E-003	mg/kg-day	7.0E-002	mg/kg-day	--	--	3.5E-002
	Cadmium	32.0	mg/kg	32.0	mg/kg	Route	8.9E-005	mg/kg-day	1.0E-003	mg/kg-day	--	--	8.9E-002
	Chromium	32.0	mg/kg	32.0	mg/kg	Route	8.9E-005	mg/kg-day	3.0E-003	mg/kg-day	--	--	3.0E-002
	Copper	230	mg/kg	230	mg/kg	Route	6.4E-004	mg/kg-day	3.7E-002	mg/kg-day	--	--	1.7E-002
	Cyanide	0.39	mg/kg	0.39	mg/kg	Route	1.1E-006	mg/kg-day	2.0E-002	mg/kg-day	--	--	5.4E-005
	Iron	26,753	mg/kg	26,753	mg/kg	Route	7.5E-002	mg/kg-day	3.0E-001	mg/kg-day	--	--	2.5E-001
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--	--	--
	Manganese	463	mg/kg	463	mg/kg	Route	1.3E-003	mg/kg-day	2.3E-002	mg/kg-day	--	--	5.6E-002
	Mercury	0.44	mg/kg	0.44	mg/kg	Route	1.2E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	4.1E-003
	Silver	9.8	mg/kg	9.8	mg/kg	Route	2.7E-005	mg/kg-day	5.0E-003	mg/kg-day	--	--	5.5E-003
	Thallium	0.87	mg/kg	0.87	mg/kg	Route	2.4E-006	mg/kg-day	8.0E-005	mg/kg-day	--	--	3.0E-002
	Vanadium	43.0	mg/kg	43.0	mg/kg	Route	1.2E-004	mg/kg-day	7.0E-003	mg/kg-day	--	--	1.7E-002
	Zinc	601	mg/kg	601	mg/kg	Route	1.7E-003	mg/kg-day	3.0E-001	mg/kg-day	--	--	5.6E-003
Dermal Absorption	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	cis-1,2-Dichloroethene	2.4	mg/kg	2.4	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Tetrachloroethylene	0.49	mg/kg	0.49	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Trichloroethene	2	mg/kg	2	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	2-Methylnaphthalene	2.7	mg/kg	2.7	mg/kg	Route	2.9E-006	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.5E-004
	Acenaphthene	1.1	mg/kg	1.1	mg/kg	Route	1.2E-006	mg/kg-day	6.0E-002	mg/kg-day	--	--	2.0E-005
	Benzo(a)anthracene	2.2	mg/kg	2.2	mg/kg	Route	2.4E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(a)pyrene	2.1	mg/kg	2.1	mg/kg	Route	2.3E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(b)fluoranthene	3.4	mg/kg	3.4	mg/kg	Route	3.7E-006	mg/kg-day	NA	N/A	--	--	--
	Benzo(k)fluoranthene	2.4	mg/kg	2.4	mg/kg	Route	2.6E-006	mg/kg-day	NA	N/A	--	--	--
	Carbazole	1.2	mg/kg	1.2	mg/kg	Route	1.0E-006	mg/kg-day	NA	N/A	--	--	--
	Chrysene	3.2	mg/kg	3.2	mg/kg	Route	3.5E-006	mg/kg-day	NA	N/A	--	--	--
	Dibenzofuran	4.7	mg/kg	4.7	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dibenz(a,h)anthracene	1.8	mg/kg	1.8	mg/kg	Route	2.0E-006	mg/kg-day	NA	N/A	--	--	--
	Fluoranthene	419	mg/kg	419	mg/kg	Route	4.6E-004	mg/kg-day	4.0E-002	mg/kg-day	--	--	1.1E-002
	Fluorene	7.1	mg/kg	7.1	mg/kg	Route	7.7E-006	mg/kg-day	4.0E-002	mg/kg-day	--	--	1.9E-004
	Indeno(1,2,3-cd)pyrene	1.9	mg/kg	1.9	mg/kg	Route	2.1E-006	mg/kg-day	NA	N/A	--	--	--
	Naphthalene	3.2	mg/kg	3.2	mg/kg	Route	3.5E-006	mg/kg-day	2.0E-002	mg/kg-day	--	--	1.7E-004
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	2.3E-006	mg/kg-day	3.0E-002	mg/kg-day	--	--	7.6E-005
	Pyrene	2.9	mg/kg	2.9	mg/kg	Route	3.2E-006	mg/kg-day	3.0E-002	mg/kg-day	--	--	1.1E-004
	2,3,7,8-TCDD	0.0	mg/kg	0.0	mg/kg	Route	2.0E-009	mg/kg-day	NA	N/A	--	--	--
	4,4'-DDE	20.8	mg/kg	20.8	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	4,4'-DDT	0.97	mg/kg	0.97	mg/kg	Route	2.4E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	4.9E-004
	Acetophenone	0.8	mg/kg	0.8	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--

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TABLE 7.21.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Aldrin	17	mg/kg	17	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-BHC	0.91	mg/kg	0.91	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	alpha-chlordane	0.69	mg/kg	0.69	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Aroclor 1242	29.0	mg/kg	29.0	mg/kg	Route	3.4E-005	mg/kg-day	7.0E-005	mg/kg-day	--	--	4.9E-001
	Aroclor 1248	454	mg/kg	454	mg/kg	Route	5.3E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	2.7E+001
	Aroclor 1254	1755	mg/kg	1755	mg/kg	Route	2.1E-003	mg/kg-day	2.0E-005	mg/kg-day	--	--	1.0E+002
	Dieldrin	31	mg/kg	31	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endosulfan sulfate	2.5	mg/kg	2.5	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin	1.9	mg/kg	1.9	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Endrin aldehyde	4	mg/kg	4	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	gamma-Chlordane	0.3	mg/kg	0.3	mg/kg	Route	1.1E-007	mg/kg-day	5.0E-004	mg/kg-day	--	--	2.1E-004
	Heptachlor	1	mg/kg	1	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Heptachlor epoxide	4	mg/kg	4	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Dioxin-like PCBs	4	mg/kg	4	mg/kg	Route	9.5E-007	mg/kg-day	NA	N/A	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	3.7E-002	mg/kg-day	NA	N/A	--	--	--
	Total PCBs	2,246	mg/kg	2,246	mg/kg	Route	2.6E-003	mg/kg-day	NA	N/A	--	--	--
	Aluminum	17,468	mg/kg	17,468	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Arsenic	25.1	mg/kg	25.1	mg/kg	Route	6.3E-006	mg/kg-day	3.0E-004	mg/kg-day	--	--	2.1E-002
	Barium	869	mg/kg	869	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Cadmium	32.0	mg/kg	32.0	mg/kg	Route	2.7E-007	mg/kg-day	2.5E-005	mg/kg-day	--	--	1.1E-002
	Chromium	32.0	mg/kg	32.0	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Copper	230	mg/kg	230	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Cyanide	0.39	mg/kg	0.39	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Iron	26,753	mg/kg	26,753	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	NA	N/A	--	--	--
	Manganese	463	mg/kg	463	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Mercury	0.44	mg/kg	0.44	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Thallium	0.87	mg/kg	0.87	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Vanadium	43.0	mg/kg	43.0	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
	Zinc	601	mg/kg	601	mg/kg	Route	N/A	N/A	NA	NA	--	--	--
Inhalation	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	4.0E-005	mg/kg-day	NA	NA	--	--	--
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	1.9E-010	mg/kg-day	NA	NA	--	--	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	5.9E-005	mg/kg-day	1.7E-003	mg/kg-day	--	--	3.4E-002
	cis-1,2-Dichloroethene	2.4	mg/kg	2.4	mg/kg	Route	5.6E-004	mg/kg-day	NA	NA	--	--	--
	Tetrachloroethylene	0.49	mg/kg	0.49	mg/kg	Route	1.2E-004	mg/kg-day	1.1E-001	mg/kg-day	--	--	1.0E-003
	Trichloroethene	2	mg/kg	2	mg/kg	Route	3.6E-004	mg/kg-day	1.1E-002	mg/kg-day	--	--	3.2E-002
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	3.8E-004	mg/kg-day	2.9E-002	mg/kg-day	--	--	1.3E-002
	2-Methylnaphthalene	2.7	mg/kg	2.7	mg/kg	Route	2.7E-005	mg/kg-day	8.6E-004	mg/kg-day	--	--	3.1E-002
	Acenaphthene	1.1	mg/kg	1.1	mg/kg	Route	2.8E-006	mg/kg-day	NA	NA	--	--	--
	Benzo(a)anthracene	2.2	mg/kg	2.2	mg/kg	Route	1.3E-007	mg/kg-day	NA	NA	--	--	--
	Benzo(a)pyrene	2.1	mg/kg	2.1	mg/kg	Route	5.2E-008	mg/kg-day	NA	NA	--	--	--

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TABLE 7.21.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Benzo(b)fluoranthene	3.4	mg/kg	3.4	mg/kg	Route	4.1E-007	mg/kg-day	NA	NA	--	--	--
	Benzo(k)fluoranthene	2.4	mg/kg	2.4	mg/kg	Route	3.8E-008	mg/kg-day	NA	NA	--	--	--
	Carbazole	1.2	mg/kg	1.2	mg/kg	Route	3.0E-007	mg/kg-day	NA	NA	--	--	--
	Chrysene	3.2	mg/kg	3.2	mg/kg	Route	6.5E-007	mg/kg-day	NA	NA	--	--	--
	Dibenzofuran	4.7	mg/kg	4.7	mg/kg	Route	1.8E-009	mg/kg-day	NA	NA	--	--	--
	Dibenz(a,h)anthracene	1.8	mg/kg	1.8	mg/kg	Route	1.2E-008	mg/kg-day	NA	NA	--	--	--
	Fluoranthene	419	mg/kg	419	mg/kg	Route	7.6E-005	mg/kg-day	NA	NA	--	--	--
	Fluorene	7.1	mg/kg	7.1	mg/kg	Route	7.7E-006	mg/kg-day	NA	NA	--	--	--
	Indeno(1,2,3-cd)pyrene	1.9	mg/kg	1.9	mg/kg	Route	2.1E-008	mg/kg-day	NA	NA	--	--	--
	Naphthalene	3.2	mg/kg	3.2	mg/kg	Route	3.2E-005	mg/kg-day	8.6E-004	mg/kg-day	--	--	3.7E-002
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	3.1E-007	mg/kg-day	NA	NA	--	--	--
	Pyrene	2.9	mg/kg	2.9	mg/kg	Route	4.3E-007	mg/kg-day	NA	NA	--	--	--
	2,3,7,8-TCDD	0.0	mg/kg	0.0	mg/kg	Route	3.1E-012	mg/kg-day	NA	NA	--	--	--
	4,4'-DDE	20.8	mg/kg	20.8	mg/kg	Route	4.8E-007	mg/kg-day	NA	NA	--	--	--
	4,4'-DDT	0.97	mg/kg	0.97	mg/kg	Route	1.8E-008	mg/kg-day	NA	NA	--	--	--
	Acetophenone	0.8	mg/kg	0.8	mg/kg	Route	3.0E-010	mg/kg-day	NA	NA	--	--	--
	Aldrin	17	mg/kg	17	mg/kg	Route	1.4E-006	mg/kg-day	NA	NA	--	--	--
	alpha-BHC	0.91	mg/kg	0.91	mg/kg	Route	9.2E-007	mg/kg-day	NA	NA	--	--	--
	alpha-chlordane	0.69	mg/kg	0.69	mg/kg	Route	1.7E-007	mg/kg-day	2.0E-004	mg/kg-day	--	--	8.4E-004
	Aroclor 1242	29.0	mg/kg	29.0	mg/kg	Route	8.1E-006	mg/kg-day	7.0E-005	mg/kg-day	--	--	1.2E-001
	Aroclor 1248	454	mg/kg	454	mg/kg	Route	1.3E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	6.3E+000
	Aroclor 1254	1755	mg/kg	1755	mg/kg	Route	4.9E-004	mg/kg-day	2.0E-005	mg/kg-day	--	--	2.4E+001
	Dieldrin	31	mg/kg	31	mg/kg	Route	8.0E-006	mg/kg-day	NA	NA	--	--	--
	Endosulfan sulfate	2.5	mg/kg	2.5	mg/kg	Route	9.7E-010	mg/kg-day	NA	NA	--	--	--
	Endrin	1.9	mg/kg	1.9	mg/kg	Route	4.8E-007	mg/kg-day	NA	NA	--	--	--
	Endrin aldehyde	4	mg/kg	4	mg/kg	Route	1.0E-006	mg/kg-day	NA	NA	--	--	--
	gamma-Chlordane	0.3	mg/kg	0.3	mg/kg	Route	1.2E-010	mg/kg-day	2.0E-004	mg/kg-day	--	--	6.2E-007
	Heptachlor	1	mg/kg	1	mg/kg	Route	1.3E-007	mg/kg-day	NA	NA	--	--	--
	Heptachlor epoxide	4	mg/kg	4	mg/kg	Route	4.5E-007	mg/kg-day	NA	NA	--	--	--
	Dioxin-like PCBs	4	mg/kg	4	mg/kg	Route	1.5E-009	mg/kg-day	NA	NA	--	--	--
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	8.8E-003	mg/kg-day	NA	NA	--	--	--
	Total PCBs	2,248	mg/kg	2,246	mg/kg	Route	6.3E-004	mg/kg-day	NA	NA	--	--	--
	Aluminum	17,468	mg/kg	17,468	mg/kg	Route	6.8E-006	mg/kg-day	1.4E-003	mg/kg-day	--	--	4.8E-003
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	2.2E-009	mg/kg-day	NA	NA	--	--	--
	Arsenic	25.1	mg/kg	25.1	mg/kg	Route	9.8E-009	mg/kg-day	NA	NA	--	--	--
	Barium	869	mg/kg	869	mg/kg	Route	3.4E-007	mg/kg-day	1.4E-004	mg/kg-day	--	--	2.4E-003
	Cadmium	32.0	mg/kg	32.0	mg/kg	Route	1.2E-008	mg/kg-day	2.6E-004	mg/kg-day	--	--	4.8E-005
	Chromium	32.0	mg/kg	32.0	mg/kg	Route	1.2E-008	mg/kg-day	NA	NA	--	--	--
	Copper	230	mg/kg	230	mg/kg	Route	9.0E-008	mg/kg-day	NA	NA	--	--	--
	Cyanide	0.39	mg/kg	0.39	mg/kg	Route	1.5E-010	mg/kg-day	NA	NA	--	--	--
	Iron	26,753	mg/kg	26,753	mg/kg	Route	1.0E-005	mg/kg-day	NA	NA	--	--	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	NA	--	--	--
	Manganese	463	mg/kg	463	mg/kg	Route	1.8E-007	mg/kg-day	1.4E-005	mg/kg-day	--	--	1.3E-002

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TABLE 7.21.RME
CALCULATION OF NON-CANCER HAZARDS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Hazard Calculation (1)	Intake (Non-Cancer)	Intake (Non-Cancer) Units	Reference Dose (2)	Reference Dose Units	Reference Concentration	Reference Concentration Units	Hazard Quotient
	Mercury	0.44	mg/kg	0.44	mg/kg	Route	9.2E-005	mg/kg-day	NA	NA	--	--	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	3.8E-009	mg/kg-day	NA	NA	--	--	--
	Thallium	0.87	mg/kg	0.87	mg/kg	Route	3.4E-010	mg/kg-day	NA	NA	--	--	--
	Vanadium	43.0	mg/kg	43.0	mg/kg	Route	1.7E-008	mg/kg-day	NA	NA	--	--	--
	Zinc	601	mg/kg	601	mg/kg	Route	2.3E-007	mg/kg-day	NA	NA	--	--	--
												Total Hazard Index Across All Exposure Routes/Pathways	4.8E+002

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for hazard calculation.
(2) Specify if subchronic.

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TABLE 8.1.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area A
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Ingestion	Benzene	0.001	mg/kg	0.001	mg/kg	Route	6.9E-011	mg/kg-day	5.5E-002	(mg/kg-day) -1	3.8E-012
	Trichloroethene	0.17	mg/kg	0.17	mg/kg	Route	1.2E-008	mg/kg-day	4.0E-001	(mg/kg-day) -1	4.7E-009
	Benzo(a)anthracene	3.1	mg/kg	3.1	mg/kg	Route	2.1E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.6E-007
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	1.9E-007	mg/kg-day	7.3E+000	(mg/kg/day)-1	1.4E-006
	Benzo(b)fluoranthene	4	mg/kg	4	mg/kg	Route	2.8E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	2.0E-007
	Dibenz(a,h)anthracene	0.49	mg/kg	0.49	mg/kg	Route	3.4E-008	mg/kg-day	7.3E+000	(mg/kg-day) -1	2.5E-007
	Indeno(1,2,3-cd)pyrene	0.97	mg/kg	0.97	mg/kg	Route	6.7E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	4.9E-008
	Aldrin	9.2	mg/kg	9.2	mg/kg	Route	6.3E-007	mg/kg-day	1.7E+001	(mg/kg/day)-1	1.1E-005
	Aroclor 1242	0.95	mg/kg	0.95	mg/kg	Route	6.6E-008	mg/kg-day	NA	N/A	--
	Aroclor 1254	340	mg/kg	340	mg/kg	Route	2.3E-005	mg/kg-day	NA	N/A	--
	Total PCBs	354	mg/kg	354	mg/kg	Route	2.4E-005	mg/kg-day	2.0E+000	(mg/kg/day)-1	4.9E-005
	Aluminum	13900	mg/kg	13900	mg/kg	Route	9.6E-004	mg/kg-day	NA	N/A	--
	Antimony	14.9	mg/kg	14.9	mg/kg	Route	1.0E-006	mg/kg-day	NA	N/A	--
	Arsenic	92.1	mg/kg	92.1	mg/kg	Route	6.4E-006	mg/kg-day	1.5E+000	(mg/kg/day)-1	9.5E-006
	Barium	1170	mg/kg	1170	mg/kg	Route	8.1E-005	mg/kg-day	NA	N/A	--
	Iron	32200	mg/kg	32200	mg/kg	Route	2.2E-003	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	556	mg/kg	556	mg/kg	Route	3.8E-005	mg/kg-day	NA	N/A	--
	Thallium	3.1	mg/kg	3.1	mg/kg	Route	2.1E-007	mg/kg-day	NA	N/A	--
Dermal Absorption	Benzene	0.001	mg/kg	0.001	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Trichloroethene	0.17	mg/kg	0.17	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Benzo(a)anthracene	3.1	mg/kg	3.1	mg/kg	Route	2.7E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.9E-007
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	2.4E-007	mg/kg-day	7.3E+000	(mg/kg/day)-1	1.7E-006
	Benzo(b)fluoranthene	4	mg/kg	4	mg/kg	Route	3.4E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	2.5E-007
	Dibenz(a,h)anthracene	0.49	mg/kg	0.49	mg/kg	Route	4.2E-008	mg/kg-day	7.3E+000	(mg/kg-day) -1	3.1E-007
	Indeno(1,2,3-cd)pyrene	0.97	mg/kg	0.97	mg/kg	Route	8.3E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	6.1E-008

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TABLE 8.1.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area A
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Aldrin	9.2	mg/kg	9.2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aroclor 1242	0.95	mg/kg	0.95	mg/kg	Route	8.8E-008	mg/kg-day	N/A	N/A	--
	Aroclor 1254	340	mg/kg	340	mg/kg	Route	3.1E-005	mg/kg-day	N/A	N/A	--
	Total PCBs	354	mg/kg	354	mg/kg	Route	3.3E-005	mg/kg-day	2.0E+000	(mg/kg/day)-1	6.5E-005
	Aluminum	13900	mg/kg	13900	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Antimony	14.9	mg/kg	14.9	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Arsenic	92.1	mg/kg	92.1	mg/kg	Route	1.8E-006	mg/kg-day	1.5E+000	(mg/kg/day)-1	2.7E-006
	Barium	1170	mg/kg	1170	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Iron	32200	mg/kg	32200	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Manganese	556	mg/kg	556	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Thallium	3.1	mg/kg	3.1	mg/kg	Route	N/A	N/A	N/A	N/A	--
Inhalation	Benzene	0.001	mg/kg	0.001	mg/kg	Route	4.6E-010	mg/kg-day	2.7E-002	(mg/kg-day)-1	1.3E-011
	Trichloroethene	0.17	mg/kg	0.17	mg/kg	Route	6.1E-008	mg/kg-day	4.0E-001	(mg/kg-day)-1	2.4E-008
	Benzo(a)anthracene	3.1	mg/kg	3.1	mg/kg	Route	3.8E-010	mg/kg-day	3.1E-001	(mg/kg-day)-1	1.2E-010
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	1.4E-010	mg/kg-day	3.1E+000	(mg/kg-day)-1	4.4E-010
	Benzo(b)fluoranthene	4	mg/kg	4	mg/kg	Route	9.5E-010	mg/kg-day	3.1E-001	(mg/kg-day)-1	3.0E-010
	Dibenz(a,h)anthracene	0.49	mg/kg	0.49	mg/kg	Route	7.5E-012	mg/kg-day	3.1E+000	(mg/kg-day)-1	2.3E-011
	Indeno(1,2,3-cd)pyrene	0.97	mg/kg	0.97	mg/kg	Route	2.3E-011	mg/kg-day	3.1E-001	(mg/kg-day)-1	7.0E-012
	Aldrin	9.2	mg/kg	9.2	mg/kg	Route	1.5E-009	mg/kg-day	1.7E+001	(mg/kg-day)-1	2.5E-008
	Aroclor 1242	0.95	mg/kg	0.95	mg/kg	Route	1.6E-009	mg/kg-day	NA	N/A	--
	Aroclor 1254	340	mg/kg	340	mg/kg	Route	5.6E-007	mg/kg-day	NA	N/A	--
	Total PCBs	354	mg/kg	354	mg/kg	Route	5.9E-007	mg/kg-day	4.0E-001	(mg/kg-day)-1	2.3E-007
	Aluminum	13900	mg/kg	13900	mg/kg	Route	3.8E-008	mg/kg-day	NA	N/A	--
	Antimony	14.9	mg/kg	14.9	mg/kg	Route	4.0E-011	mg/kg-day	NA	N/A	--
	Arsenic	92.1	mg/kg	92.1	mg/kg	Route	2.5E-010	mg/kg-day	1.5E+001	(mg/kg-day)-1	3.8E-009

301957

TABLE 8.1.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area A
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Barium	1170	mg/kg	1170	mg/kg	Route	3.2E-009	mg/kg-day	N/A	N/A	--
	Iron	32200	mg/kg	32200	mg/kg	Route	8.7E-008	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	556	mg/kg	556	mg/kg	Route	1.5E-009	mg/kg-day	NA	N/A	--
	Thallium	3.1	mg/kg	3.1	mg/kg	Route	8.4E-012	mg/kg-day	NA	N/A	--
										Total Risk Across All Exposure Routes/Pathways	1.4E-004

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.

301958

TABLE 8.1.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area A
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Ingestion	Benzene	0.001	mg/kg	0.001	mg/kg	Route	1.7E-011	mg/kg-day	5.5E-002	(mg/kg-day) -1	9.5E-013
	Trichloroethene	0.17	mg/kg	0.17	mg/kg	Route	2.9E-009	mg/kg-day	4.0E-001	(mg/kg-day) -1	1.2E-009
	Benzo(a)anthracene	3.1	mg/kg	3.1	mg/kg	Route	5.3E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	3.9E-008
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	4.8E-008	mg/kg-day	7.3E+000	(mg/kg/day)-1	3.5E-007
	Benzo(b)fluoranthene	4	mg/kg	4	mg/kg	Route	6.9E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	5.0E-008
	Dibenz(a,h)anthracene	0.49	mg/kg	0.49	mg/kg	Route	8.5E-009	mg/kg-day	7.3E+000	(mg/kg-day) -1	6.2E-008
	Indeno(1,2,3-cd)pyrene	0.97	mg/kg	0.97	mg/kg	Route	1.7E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.2E-008
	Aldrin	9.2	mg/kg	9.2	mg/kg	Route	1.6E-007	mg/kg-day	1.7E+001	(mg/kg/day)-1	2.7E-006
	Aroclor 1242	0.95	mg/kg	0.95	mg/kg	Route	1.6E-008	mg/kg-day	NA	N/A	--
	Aroclor 1254	340	mg/kg	340	mg/kg	Route	5.9E-006	mg/kg-day	NA	N/A	--
	Total PCBs	354	mg/kg	354	mg/kg	Route	6.1E-006	mg/kg-day	2.0E+000	(mg/kg/day)-1	1.2E-005
	Aluminum	13900	mg/kg	13900	mg/kg	Route	2.4E-004	mg/kg-day	NA	N/A	--
	Antimony	14.9	mg/kg	14.9	mg/kg	Route	2.6E-007	mg/kg-day	NA	N/A	--
	Arsenic	92.1	mg/kg	92.1	mg/kg	Route	1.6E-006	mg/kg-day	1.5E+000	(mg/kg/day)-1	2.4E-006
	Barium	1170	mg/kg	1170	mg/kg	Route	2.0E-005	mg/kg-day	NA	N/A	--
	Iron	32200	mg/kg	32200	mg/kg	Route	5.6E-004	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	556	mg/kg	556	mg/kg	Route	9.6E-006	mg/kg-day	NA	N/A	--
	Thallium	3.1	mg/kg	3.1	mg/kg	Route	5.3E-008	mg/kg-day	NA	N/A	--
Dermal Absorption	Benzene	0.001	mg/kg	0.001	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Trichloroethene	0.17	mg/kg	0.17	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Benzo(a)anthracene	3.1	mg/kg	3.1	mg/kg	Route	2.7E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.9E-008
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	2.4E-008	mg/kg-day	7.3E+000	(mg/kg/day)-1	1.7E-007
	Benzo(b)fluoranthene	4	mg/kg	4	mg/kg	Route	3.4E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	2.5E-008
	Dibenz(a,h)anthracene	0.49	mg/kg	0.49	mg/kg	Route	4.2E-009	mg/kg-day	7.3E+000	(mg/kg-day) -1	3.1E-008
	Indeno(1,2,3-cd)pyrene	0.97	mg/kg	0.97	mg/kg	Route	8.3E-009	mg/kg-day	7.3E-001	(mg/kg-day) -1	6.1E-009

301959

TABLE 8.1.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area A
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Aldrin	9.2	mg/kg	9.2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aroclor 1242	0.95	mg/kg	0.95	mg/kg	Route	8.8E-009	mg/kg-day	N/A	N/A	--
	Aroclor 1254	340	mg/kg	340	mg/kg	Route	3.1E-006	mg/kg-day	N/A	N/A	--
	Total PCBs	354	mg/kg	354	mg/kg	Route	3.3E-006	mg/kg-day	2.0E+000	(mg/kg/day)-1	6.5E-006
	Aluminum	13900	mg/kg	13900	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Antimony	14.9	mg/kg	14.9	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Arsenic	92.1	mg/kg	92.1	mg/kg	Route	1.8E-007	mg/kg-day	1.5E+000	(mg/kg/day)-1	2.7E-007
	Barium	1170	mg/kg	1170	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Iron	32200	mg/kg	32200	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Manganese	556	mg/kg	556	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Thallium	3.1	mg/kg	3.1	mg/kg	Route	N/A	N/A	N/A	N/A	--
Inhalation	Benzene	0.001	mg/kg	0.001	mg/kg	Route	9.7E-011	mg/kg-day	2.7E-002	(mg/kg-day)-1	2.6E-012
	Trichloroethene	0.17	mg/kg	0.17	mg/kg	Route	1.3E-008	mg/kg-day	4.0E-001	(mg/kg-day)-1	5.1E-009
	Benzo(a)anthracene	3.1	mg/kg	3.1	mg/kg	Route	7.9E-011	mg/kg-day	3.1E-001	(mg/kg-day)-1	2.4E-011
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	3.0E-011	mg/kg-day	3.1E+000	(mg/kg-day)-1	9.2E-011
	Benzo(b)fluoranthene	4	mg/kg	4	mg/kg	Route	2.0E-010	mg/kg-day	3.1E-001	(mg/kg-day)-1	6.2E-011
	Dibenz(a,h)anthracene	0.49	mg/kg	0.49	mg/kg	Route	1.6E-012	mg/kg-day	3.1E+000	(mg/kg-day)-1	4.8E-012
	Indeno(1,2,3-cd)pyrene	0.97	mg/kg	0.97	mg/kg	Route	4.7E-012	mg/kg-day	3.1E-001	(mg/kg-day)-1	1.5E-012
	Aldrin	9.2	mg/kg	9.2	mg/kg	Route	3.1E-010	mg/kg-day	1.7E+001	(mg/kg-day)-1	5.3E-009
	Aroclor 1242	0.95	mg/kg	0.95	mg/kg	Route	3.3E-010	mg/kg-day	NA	N/A	--
	Aroclor 1254	340	mg/kg	340	mg/kg	Route	1.2E-007	mg/kg-day	NA	N/A	--
	Total PCBs	354	mg/kg	354	mg/kg	Route	1.2E-007	mg/kg-day	4.0E-001	(mg/kg-day)-1	4.9E-008
	Aluminum	13900	mg/kg	13900	mg/kg	Route	7.8E-009	mg/kg-day	NA	N/A	--
	Antimony	14.9	mg/kg	14.9	mg/kg	Route	8.4E-012	mg/kg-day	NA	N/A	--
	Arsenic	92.1	mg/kg	92.1	mg/kg	Route	5.2E-011	mg/kg-day	1.5E+001	(mg/kg-day)-1	7.8E-010

301960

TABLE 8.1.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area A
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Barium	1170	mg/kg	1170	mg/kg	Route	6.6E-010	mg/kg-day	N/A	N/A	--
	Iron	32200	mg/kg	32200	mg/kg	Route	1.8E-008	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	556	mg/kg	556	mg/kg	Route	3.1E-010	mg/kg-day	NA	N/A	--
	Thallium	3.1	mg/kg	3.1	mg/kg	Route	1.7E-012	mg/kg-day	NA	N/A	--
										Total Risk Across All Exposure Routes/Pathways	2.5E-005

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.

301961

TABLE 8.2.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Ingestion	Benzene	0.009	mg/kg	0.009	mg/kg	Route	6.2E-010	mg/kg-day	5.5E-002	(mg/kg-day) -1	3.4E-011
	cis-1,2-Dichloroethene	9.8	mg/kg	9.8	mg/kg	Route	6.8E-007	mg/kg-day	NA	N/A	--
	Trichloroethene	0.56	mg/kg	0.56	mg/kg	Route	3.9E-008	mg/kg-day	4.0E-001	(mg/kg-day) -1	1.5E-008
	2-Methylnaphthalene	206	mg/kg	206	mg/kg	Route	1.4E-005	mg/kg-day	NA	N/A	--
	Acenaphthene	1251	mg/kg	1251	mg/kg	Route	8.6E-005	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	411	mg/kg	411	mg/kg	Route	2.8E-005	mg/kg-day	7.3E-001	(mg/kg-day) -1	2.1E-005
	Benzo(a)pyrene	233	mg/kg	233	mg/kg	Route	1.6E-005	mg/kg-day	7.3E+000	(mg/kg/day)-1	1.2E-004
	Benzo(b)fluoranthene	68	mg/kg	68	mg/kg	Route	4.7E-006	mg/kg-day	7.3E-001	(mg/kg-day) -1	3.4E-006
	Benzo(k)fluoranthene	202	mg/kg	202	mg/kg	Route	1.4E-005	mg/kg-day	7.3E-002	(mg/kg-day) -1	1.0E-006
	Chrysene	371	mg/kg	371	mg/kg	Route	2.6E-005	mg/kg-day	7.3E-003	(mg/kg-day) -1	1.9E-007
	Dibenzofuran	759	mg/kg	759	mg/kg	Route	5.2E-005	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	30	mg/kg	30	mg/kg	Route	2.1E-006	mg/kg-day	7.3E+000	(mg/kg-day) -1	1.5E-005
	Fluoranthene	1787	mg/kg	1787	mg/kg	Route	1.2E-004	mg/kg-day	NA	N/A	--
	Fluorene	893	mg/kg	893	mg/kg	Route	6.2E-005	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	117	mg/kg	117	mg/kg	Route	8.1E-006	mg/kg-day	7.3E-001	(mg/kg-day) -1	5.9E-006
	Naphthalene	58	mg/kg	58	mg/kg	Route	4.0E-006	mg/kg-day	NA	N/A	--
	Phenanthrene	3127	mg/kg	3127	mg/kg	Route	2.2E-004	mg/kg-day	NA	N/A	--
	Pyrene	1162	mg/kg	1162	mg/kg	Route	8.0E-005	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	5.5E-010	mg/kg-day	1.5E+005	(mg/kg/day)-1	8.3E-005
	4,4'-DDE	541	mg/kg	541	mg/kg	Route	3.7E-005	mg/kg-day	3.4E-001	(mg/kg/day)-1	1.3E-005
	4,4'-DDT	20	mg/kg	20	mg/kg	Route	1.4E-006	mg/kg-day	3.4E-001	(mg/kg/day)-1	4.7E-007
	Acetophenone	0.34	mg/kg	0.34	mg/kg	Route	2.3E-008	mg/kg-day	NA	N/A	--
	alpha-BHC	2.4	mg/kg	2.4	mg/kg	Route	1.7E-007	mg/kg-day	6.3E+000	(mg/kg/day)-1	1.0E-006
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	1.6E-008	mg/kg-day	3.5E-001	(mg/kg/day)-1	5.6E-009
	Aroclor 1254	8664	mg/kg	8664	mg/kg	Route	6.0E-004	mg/kg-day	NA	N/A	--
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	1.5E-008	mg/kg-day	NA	N/A	--
	Dieldrin	91	mg/kg	91	mg/kg	Route	6.3E-006	mg/kg-day	1.6E+001	(mg/kg/day)-1	1.0E-004
	Endrin aldehyde	54	mg/kg	54	mg/kg	Route	3.7E-006	mg/kg-day	NA	N/A	--
	gamma-Chlordane	10	mg/kg	10	mg/kg	Route	6.9E-007	mg/kg-day	3.5E-001	(mg/kg/day)-1	2.4E-007
	Heptachlor	1.9	mg/kg	1.9	mg/kg	Route	1.3E-007	mg/kg-day	4.5E+000	(mg/kg/day)-1	5.9E-007
	Heptachlor epoxide	123	mg/kg	123	mg/kg	Route	8.5E-006	mg/kg-day	9.1E+000	(mg/kg/day)-1	7.7E-005
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	2.6E-007	mg/kg-day	1.5E+005	(mg/kg/day)-1	3.9E-002
	Nondioxin-like PCBs	31588	mg/kg	31588	mg/kg	Route	2.2E-003	mg/kg-day	2.0E+000	(mg/kg/day)-1	4.4E-003

301962

TABLE 8.2.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Total PCBs	9033	mg/kg	9033	mg/kg	Route	6.2E-004	mg/kg-day	2.0E+000	(mg/kg/day)-1	1.2E-003
	Aluminum	28009	mg/kg	28009	mg/kg	Route	1.9E-003	mg/kg-day	NA	N/A	--
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	5.0E-007	mg/kg-day	NA	N/A	--
	Arsenic	32	mg/kg	32	mg/kg	Route	2.2E-006	mg/kg-day	1.5E+000	(mg/kg/day)-1	3.3E-006
	Barium	543	mg/kg	543	mg/kg	Route	3.7E-005	mg/kg-day	NA	N/A	--
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	2.8E-006	mg/kg-day	NA	N/A	--
	Chromium	61	mg/kg	61	mg/kg	Route	4.2E-006	mg/kg-day	NA	N/A	--
	Cyanide	2	mg/kg	2	mg/kg	Route	1.4E-007	mg/kg-day	NA	N/A	--
	Iron	41575	mg/kg	41575	mg/kg	Route	2.9E-003	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	745	mg/kg	745	mg/kg	Route	5.1E-005	mg/kg-day	NA	N/A	--
	Thallium	3	mg/kg	3	mg/kg	Route	2.1E-007	mg/kg-day	NA	N/A	--
	Vanadium	63	mg/kg	63	mg/kg	Route	4.3E-006	mg/kg-day	NA	N/A	--
Dermal Absorption	Benzene	0.009	mg/kg	0.009	mg/kg	Route	N/A	N/A	N/A	N/A	--
	cis-1,2-Dichloroethene	9.8	mg/kg	9.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Trichloroethene	0.56	mg/kg	0.56	mg/kg	Route	N/A	N/A	N/A	N/A	--
	2-Methylnaphthalene	206	mg/kg	206	mg/kg	Route	1.8E-005	mg/kg-day	N/A	N/A	--
	Acenaphthene	1251	mg/kg	1251	mg/kg	Route	1.1E-004	mg/kg-day	N/A	N/A	--
	Benzo(a)anthracene	411	mg/kg	411	mg/kg	Route	3.5E-005	mg/kg-day	7.3E-001	(mg/kg-day) -1	2.6E-005
	Benzo(a)pyrene	233	mg/kg	233	mg/kg	Route	2.0E-005	mg/kg-day	7.3E+000	(mg/kg/day)-1	1.5E-004
	Benzo(b)fluoranthene	68	mg/kg	68	mg/kg	Route	5.8E-006	mg/kg-day	7.3E-001	(mg/kg-day) -1	4.2E-006
	Benzo(k)fluoranthene	202	mg/kg	202	mg/kg	Route	1.7E-005	mg/kg-day	7.3E-002	(mg/kg-day) -1	1.3E-006
	Chrysene	371	mg/kg	371	mg/kg	Route	3.2E-005	mg/kg-day	7.3E-003	(mg/kg-day) -1	2.3E-007
	Dibenzofuran	759	mg/kg	759	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Dibenz(a,h)anthracene	30	mg/kg	30	mg/kg	Route	2.6E-006	mg/kg-day	7.3E+000	(mg/kg-day) -1	1.9E-005
	Fluoranthene	1787	mg/kg	1787	mg/kg	Route	1.5E-004	mg/kg-day	N/A	N/A	--
	Fluorene	893	mg/kg	893	mg/kg	Route	7.6E-005	mg/kg-day	N/A	N/A	--
	Indeno(1,2,3-cd)pyrene	117	mg/kg	117	mg/kg	Route	1.0E-005	mg/kg-day	7.3E-001	(mg/kg-day) -1	7.3E-006
	Naphthalene	58	mg/kg	58	mg/kg	Route	5.0E-006	mg/kg-day	N/A	N/A	--
	Phenanthrene	3127	mg/kg	3127	mg/kg	Route	2.7E-004	mg/kg-day	N/A	N/A	--
	Pyrene	1162	mg/kg	1162	mg/kg	Route	9.9E-005	mg/kg-day	N/A	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	1.6E-010	mg/kg-day	1.5E+005	(mg/kg/day)-1	2.4E-005
	4,4'-DDE	541	mg/kg	541	mg/kg	Route	N/A	N/A	N/A	N/A	--

301963

TABLE 8.2.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	4,4'-DDT	20	mg/kg	20	mg/kg	Route	3.9E-007	mg/kg-day	3.4E-001	(mg/kg/day)-1	1.3E-007
	Acetophenone	0.34	mg/kg	0.34	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-BHC	2.4	mg/kg	2.4	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aroclor 1254	8664	mg/kg	8664	mg/kg	Route	8.0E-004	mg/kg-day	N/A	N/A	--
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	2.0E-008	mg/kg-day	N/A	N/A	--
	Dieldrin	91	mg/kg	91	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin aldehyde	54	mg/kg	54	mg/kg	Route	N/A	N/A	N/A	N/A	--
	gamma-Chlordane	10	mg/kg	10	mg/kg	Route	2.6E-007	mg/kg-day	3.5E-001	(mg/kg/day)-1	9.2E-008
	Heptachlor	1.9	mg/kg	1.9	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor epoxide	123	mg/kg	123	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	7.5E-008	mg/kg-day	1.5E+005	(mg/kg/day)-1	1.1E-002
	Nondioxin-like PCBs	31588	mg/kg	31588	mg/kg	Route	2.9E-003	mg/kg-day	2.0E+000	(mg/kg/day)-1	5.8E-003
	Total PCBs	9033	mg/kg	9033	mg/kg	Route	8.3E-004	mg/kg-day	2.0E+000	(mg/kg/day)-1	1.7E-003
	Aluminum	28009	mg/kg	28009	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Arsenic	32	mg/kg	32	mg/kg	Route	6.3E-007	mg/kg-day	1.5E+000	(mg/kg/day)-1	9.5E-007
	Barium	543	mg/kg	543	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	2.6E-008	mg/kg-day	N/A	N/A	--
	Chromium	61	mg/kg	61	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cyanide	2	mg/kg	2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Iron	41575	mg/kg	41575	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Manganese	745	mg/kg	745	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Thallium	3	mg/kg	3	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vanadium	63	mg/kg	63	mg/kg	Route	N/A	N/A	N/A	N/A	--
Inhalation	Benzene	0.009	mg/kg	0.009	mg/kg	Route	4.2E-009	mg/kg-day	2.7E-002	(mg/kg-day)-1	1.1E-010
	cis-1,2-Dichloroethene	9.8	mg/kg	9.8	mg/kg	Route	4.5E-006	mg/kg-day	NA	N/A	--
	Trichloroethene	0.56	mg/kg	0.56	mg/kg	Route	2.0E-007	mg/kg-day	4.0E-001	(mg/kg-day)-1	8.1E-008
	2-Methylnaphthalene	206	mg/kg	206	mg/kg	Route	4.0E-006	mg/kg-day	NA	N/A	--
	Acenaphthene	1251	mg/kg	1251	mg/kg	Route	6.3E-006	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	411	mg/kg	411	mg/kg	Route	5.0E-008	mg/kg-day	3.1E-001	(mg/kg-day)-1	1.5E-008
	Benzo(a)pyrene	233	mg/kg	233	mg/kg	Route	1.2E-008	mg/kg-day	3.1E+000	(mg/kg-day)-1	3.7E-008

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TABLE 8.2.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Benzo(b)fluoranthene	68	mg/kg	68	mg/kg	Route	1.6E-008	mg/kg-day	3.1E-001	(mg/kg-day)-1	5.0E-009
	Benzo(k)fluoranthene	202	mg/kg	202	mg/kg	Route	6.7E-009	mg/kg-day	3.1E-002	(mg/kg-day)-1	2.1E-010
	Chrysene	371	mg/kg	371	mg/kg	Route	1.5E-007	mg/kg-day	3.1E-003	(mg/kg-day)-1	4.6E-010
	Dibenzofuran	759	mg/kg	759	mg/kg	Route	2.1E-009	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	30	mg/kg	30	mg/kg	Route	4.6E-010	mg/kg-day	3.1E+000	(mg/kg-day)-1	1.4E-009
	Fluoranthene	1787	mg/kg	1787	mg/kg	Route	6.5E-007	mg/kg-day	NA	N/A	--
	Fluorene	893	mg/kg	893	mg/kg	Route	1.9E-006	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	117	mg/kg	117	mg/kg	Route	2.7E-009	mg/kg-day	3.1E-001	(mg/kg-day)-1	8.4E-010
	Naphthalene	58	mg/kg	58	mg/kg	Route	1.1E-006	mg/kg-day	NA	N/A	--
	Phenanthrene	3127	mg/kg	3127	mg/kg	Route	9.2E-007	mg/kg-day	NA	N/A	--
	Pyrene	1162	mg/kg	1162	mg/kg	Route	3.4E-007	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	2.2E-014	mg/kg-day	1.5E+005	(mg/kg-day)-1	3.2E-009
	4,4'-DDE	541	mg/kg	541	mg/kg	Route	2.5E-008	mg/kg-day	NA	N/A	--
	4,4'-DDT	20	mg/kg	20	mg/kg	Route	7.9E-010	mg/kg-day	3.4E-001	(mg/kg-day)-1	2.7E-010
	Acetophenone	0.34	mg/kg	0.34	mg/kg	Route	9.2E-013	mg/kg-day	NA	N/A	--
	alpha-BHC	2.4	mg/kg	2.4	mg/kg	Route	4.8E-009	mg/kg-day	6.3E+000	(mg/kg-day)-1	3.0E-008
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	1.1E-010	mg/kg-day	3.5E-001	(mg/kg-day)-1	3.9E-011
	Aroclor 1254	8664	mg/kg	8664	mg/kg	Route	1.4E-005	mg/kg-day	NA	N/A	--
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	3.6E-010	mg/kg-day	NA	N/A	--
	Dieldrin	91	mg/kg	91	mg/kg	Route	4.7E-008	mg/kg-day	1.6E+001	(mg/kg-day)-1	7.6E-007
	Endrin aldehyde	54	mg/kg	54	mg/kg	Route	2.7E-008	mg/kg-day	NA	N/A	--
	gamma-Chlordane	10	mg/kg	10	mg/kg	Route	2.7E-011	mg/kg-day	3.5E-001	(mg/kg-day)-1	9.5E-012
	Heptachlor	1.9	mg/kg	1.9	mg/kg	Route	9.2E-010	mg/kg-day	4.6E+000	(mg/kg-day)-1	4.2E-009
	Heptachlor epoxide	123	mg/kg	123	mg/kg	Route	2.7E-008	mg/kg-day	9.1E+000	(mg/kg-day)-1	2.4E-007
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	1.0E-011	mg/kg-day	1.5E+005	(mg/kg-day)-1	1.5E-006
	Nondioxin-like PCBs	31588	mg/kg	31588	mg/kg	Route	5.2E-005	mg/kg-day	4.0E-001	(mg/kg-day)-1	2.1E-005
	Total PCBs	9033	mg/kg	9033	mg/kg	Route	1.5E-005	mg/kg-day	4.0E-001	(mg/kg-day)-1	6.0E-006
	Aluminum	28009	mg/kg	28009	mg/kg	Route	7.6E-008	mg/kg-day	NA	N/A	--
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	1.9E-011	mg/kg-day	NA	N/A	--
	Arsenic	32	mg/kg	32	mg/kg	Route	8.7E-011	mg/kg-day	1.5E+001	(mg/kg-day)-1	1.3E-009
	Barium	543	mg/kg	543	mg/kg	Route	1.5E-009	mg/kg-day	N/A	N/A	--
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	1.1E-010	mg/kg-day	6.3E+000	(mg/kg-day)-1	6.9E-010
	Chromium	61	mg/kg	61	mg/kg	Route	1.7E-010	mg/kg-day	NA	N/A	--

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TABLE 8.2.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Cyanide	2	mg/kg	2	mg/kg	Route	5.4E-012	mg/kg-day	NA	N/A	--
	Iron	41575	mg/kg	41575	mg/kg	Route	1.1E-007	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	745	mg/kg	745	mg/kg	Route	2.0E-009	mg/kg-day	NA	N/A	--
	Thallium	3	mg/kg	3	mg/kg	Route	8.1E-012	mg/kg-day	NA	N/A	--
	Vanadium	63	mg/kg	63	mg/kg	Route	1.7E-010	mg/kg-day	NA	N/A	--
										Total Risk Across All Exposure Routes/Pathways (2)	3.6E-003
										(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs)	6.0E-002

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.
(2) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table.

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TABLE 8.2.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Ingestion	Benzene	0.009	mg/kg	0.009	mg/kg	Route	1.6E-010	mg/kg-day	5.5E-002	(mg/kg-day) -1	8.5E-012
	cis-1,2-Dichloroethene	9.8	mg/kg	9.8	mg/kg	Route	1.7E-007	mg/kg-day	NA	N/A	--
	Trichloroethene	0.56	mg/kg	0.56	mg/kg	Route	9.7E-009	mg/kg-day	4.0E-001	(mg/kg-day) -1	3.9E-009
	2-Methylnaphthalene	206	mg/kg	206	mg/kg	Route	3.6E-006	mg/kg-day	NA	N/A	--
	Acenaphthene	1251	mg/kg	1251	mg/kg	Route	2.2E-005	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	411	mg/kg	411	mg/kg	Route	7.1E-006	mg/kg-day	7.3E-001	(mg/kg-day) -1	5.2E-006
	Benzo(a)pyrene	233	mg/kg	233	mg/kg	Route	4.0E-006	mg/kg-day	7.3E+000	(mg/kg/day)-1	2.9E-005
	Benzo(b)fluoranthene	68	mg/kg	68	mg/kg	Route	1.2E-006	mg/kg-day	7.3E-001	(mg/kg-day) -1	8.6E-007
	Benzo(k)fluoranthene	202	mg/kg	202	mg/kg	Route	3.5E-006	mg/kg-day	7.3E-002	(mg/kg-day) -1	2.5E-007
	Chrysene	371	mg/kg	371	mg/kg	Route	6.4E-006	mg/kg-day	7.3E-003	(mg/kg-day) -1	4.7E-008
	Dibenzofuran	759	mg/kg	759	mg/kg	Route	1.3E-005	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	30	mg/kg	30	mg/kg	Route	5.2E-007	mg/kg-day	7.3E+000	(mg/kg-day) -1	3.8E-006
	Fluoranthene	1787	mg/kg	1787	mg/kg	Route	3.1E-005	mg/kg-day	NA	N/A	--
	Fluorene	893	mg/kg	893	mg/kg	Route	1.5E-005	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	117	mg/kg	117	mg/kg	Route	2.0E-006	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.5E-006
	Naphthalene	58	mg/kg	58	mg/kg	Route	1.0E-006	mg/kg-day	NA	N/A	--
	Phenanthrene	3127	mg/kg	3127	mg/kg	Route	5.4E-005	mg/kg-day	NA	N/A	--
	Pyrene	1162	mg/kg	1162	mg/kg	Route	2.0E-005	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	1.4E-010	mg/kg-day	1.5E+005	(mg/kg/day)-1	2.1E-005
	4,4'-DDE	541	mg/kg	541	mg/kg	Route	9.3E-006	mg/kg-day	3.4E-001	(mg/kg/day)-1	3.2E-006
	4,4'-DDT	20	mg/kg	20	mg/kg	Route	3.4E-007	mg/kg-day	3.4E-001	(mg/kg/day)-1	1.2E-007
	Acetophenone	0.34	mg/kg	0.34	mg/kg	Route	5.9E-009	mg/kg-day	NA	N/A	--
	alpha-BHC	2.4	mg/kg	2.4	mg/kg	Route	4.1E-008	mg/kg-day	6.3E+000	(mg/kg/day)-1	2.6E-007
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	4.0E-009	mg/kg-day	3.5E-001	(mg/kg/day)-1	1.4E-009
	Aroclor 1254	8664	mg/kg	8664	mg/kg	Route	1.5E-004	mg/kg-day	NA	N/A	--
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	3.8E-009	mg/kg-day	NA	N/A	--
	Dieldrin	91	mg/kg	91	mg/kg	Route	1.6E-006	mg/kg-day	1.6E+001	(mg/kg/day)-1	2.5E-005
	Endrin aldehyde	54	mg/kg	54	mg/kg	Route	9.3E-007	mg/kg-day	NA	N/A	--
	gamma-Chlordane	10	mg/kg	10	mg/kg	Route	1.7E-007	mg/kg-day	3.5E-001	(mg/kg/day)-1	6.0E-008
	Heptachlor	1.9	mg/kg	1.9	mg/kg	Route	3.3E-008	mg/kg-day	4.5E+000	(mg/kg/day)-1	1.5E-007
	Heptachlor epoxide	123	mg/kg	123	mg/kg	Route	2.1E-006	mg/kg-day	9.1E+000	(mg/kg/day)-1	1.9E-005
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	6.6E-008	mg/kg-day	1.5E+005	(mg/kg/day)-1	9.8E-003
	Nondioxin-like PCBs	31588	mg/kg	31588	mg/kg	Route	5.4E-004	mg/kg-day	2.0E+000	(mg/kg/day)-1	1.1E-003

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TABLE 8.2.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Total PCBs	9033	mg/kg	9033	mg/kg	Route	1.6E-004	mg/kg-day	2.0E+000	(mg/kg/day)-1	3.1E-004
	Aluminum	28009	mg/kg	28009	mg/kg	Route	4.8E-004	mg/kg-day	NA	N/A	--
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	1.2E-007	mg/kg-day	NA	N/A	--
	Arsenic	32	mg/kg	32	mg/kg	Route	5.5E-007	mg/kg-day	1.5E+000	(mg/kg/day)-1	8.3E-007
	Barium	543	mg/kg	543	mg/kg	Route	9.4E-006	mg/kg-day	NA	N/A	--
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	6.9E-007	mg/kg-day	NA	N/A	--
	Chromium	61	mg/kg	61	mg/kg	Route	1.1E-006	mg/kg-day	NA	N/A	--
	Cyanide	2	mg/kg	2	mg/kg	Route	3.4E-008	mg/kg-day	NA	N/A	--
	Iron	41575	mg/kg	41575	mg/kg	Route	7.2E-004	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	745	mg/kg	745	mg/kg	Route	1.3E-005	mg/kg-day	NA	N/A	--
	Thallium	3	mg/kg	3	mg/kg	Route	5.2E-008	mg/kg-day	NA	N/A	--
	Vanadium	63	mg/kg	63	mg/kg	Route	1.1E-006	mg/kg-day	NA	N/A	--
Dermal Absorption	Benzene	0.009	mg/kg	0.009	mg/kg	Route	N/A	N/A	N/A	N/A	--
	cis-1,2-Dichloroethene	9.8	mg/kg	9.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Trichloroethene	0.56	mg/kg	0.56	mg/kg	Route	N/A	N/A	N/A	N/A	--
	2-Methylnaphthalene	206	mg/kg	206	mg/kg	Route	1.8E-006	mg/kg-day	N/A	N/A	--
	Acenaphthene	1251	mg/kg	1251	mg/kg	Route	1.1E-005	mg/kg-day	N/A	N/A	--
	Benzo(a)anthracene	411	mg/kg	411	mg/kg	Route	3.5E-006	mg/kg-day	7.3E-001	(mg/kg-day) -1	2.6E-006
	Benzo(a)pyrene	233	mg/kg	233	mg/kg	Route	2.0E-006	mg/kg-day	7.3E+000	(mg/kg/day)-1	1.5E-005
	Benzo(b)fluoranthene	68	mg/kg	68	mg/kg	Route	5.8E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	4.2E-007
	Benzo(k)fluoranthene	202	mg/kg	202	mg/kg	Route	1.7E-006	mg/kg-day	7.3E-002	(mg/kg-day) -1	1.3E-007
	Chrysene	371	mg/kg	371	mg/kg	Route	3.2E-006	mg/kg-day	7.3E-003	(mg/kg-day) -1	2.3E-008
	Dibenzofuran	759	mg/kg	759	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Dibenz(a,h)anthracene	30	mg/kg	30	mg/kg	Route	2.6E-007	mg/kg-day	7.3E+000	(mg/kg-day) -1	1.9E-006
	Fluoranthene	1787	mg/kg	1787	mg/kg	Route	1.5E-005	mg/kg-day	N/A	N/A	--
	Fluorene	893	mg/kg	893	mg/kg	Route	7.6E-006	mg/kg-day	N/A	N/A	--
	Indeno(1,2,3-cd)pyrene	117	mg/kg	117	mg/kg	Route	1.0E-006	mg/kg-day	7.3E-001	(mg/kg-day) -1	7.3E-007
	Naphthalene	58	mg/kg	58	mg/kg	Route	5.0E-007	mg/kg-day	N/A	N/A	--
	Phenanthrene	3127	mg/kg	3127	mg/kg	Route	2.7E-005	mg/kg-day	N/A	N/A	--
	Pyrene	1162	mg/kg	1162	mg/kg	Route	9.9E-006	mg/kg-day	N/A	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	1.6E-011	mg/kg-day	1.5E+005	(mg/kg/day)-1	2.4E-006
	4,4'-DDE	541	mg/kg	541	mg/kg	Route	N/A	N/A	N/A	N/A	--

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TABLE 8.2.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	4,4'-DDT	20	mg/kg	20	mg/kg	Route	3.9E-008	mg/kg-day	3.4E-001	(mg/kg/day)-1	1.3E-008
	Acetophenone	0.34	mg/kg	0.34	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-BHC	2.4	mg/kg	2.4	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aroclor 1254	8664	mg/kg	8664	mg/kg	Route	8.0E-005	mg/kg-day	N/A	N/A	--
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	2.0E-009	mg/kg-day	N/A	N/A	--
	Dieldrin	91	mg/kg	91	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin aldehyde	54	mg/kg	54	mg/kg	Route	N/A	N/A	N/A	N/A	--
	gamma-Chlordane	10	mg/kg	10	mg/kg	Route	2.6E-008	mg/kg-day	3.5E-001	(mg/kg/day)-1	9.2E-009
	Heptachlor	1.9	mg/kg	1.9	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor epoxide	123	mg/kg	123	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	7.5E-009	mg/kg-day	1.5E+005	(mg/kg/day)-1	1.1E-003
	Nondioxin-like PCBs	31588	mg/kg	31588	mg/kg	Route	2.9E-004	mg/kg-day	2.0E+000	(mg/kg/day)-1	5.8E-004
	Total PCBs	9033	mg/kg	9033	mg/kg	Route	8.3E-005	mg/kg-day	2.0E+000	(mg/kg/day)-1	1.7E-004
	Aluminum	28009	mg/kg	28009	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Arsenic	32	mg/kg	32	mg/kg	Route	6.3E-008	mg/kg-day	1.5E+000	(mg/kg/day)-1	9.5E-008
	Barium	543	mg/kg	543	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	2.6E-009	mg/kg-day	N/A	N/A	--
	Chromium	61	mg/kg	61	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cyanide	2	mg/kg	2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Iron	41575	mg/kg	41575	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Manganese	745	mg/kg	745	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Thallium	3	mg/kg	3	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vanadium	63	mg/kg	63	mg/kg	Route	N/A	N/A	N/A	N/A	--
Inhalation	Benzene	0.009	mg/kg	0.009	mg/kg	Route	8.7E-010	mg/kg-day	2.7E-002	(mg/kg-day)-1	2.4E-011
	cis-1,2-Dichloroethene	9.8	mg/kg	9.8	mg/kg	Route	9.4E-007	mg/kg-day	NA	N/A	--
	Trichloroethene	0.56	mg/kg	0.56	mg/kg	Route	4.2E-008	mg/kg-day	4.0E-001	(mg/kg-day)-1	1.7E-008
	2-Methylnaphthalene	206	mg/kg	206	mg/kg	Route	8.4E-007	mg/kg-day	NA	N/A	--
	Acenaphthene	1251	mg/kg	1251	mg/kg	Route	1.3E-006	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	411	mg/kg	411	mg/kg	Route	1.0E-008	mg/kg-day	3.1E-001	(mg/kg-day)-1	3.2E-009
	Benzo(a)pyrene	233	mg/kg	233	mg/kg	Route	2.5E-009	mg/kg-day	3.1E+000	(mg/kg-day)-1	7.6E-009

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TABLE 8.2.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Benzo(b)fluoranthene	68	mg/kg	68	mg/kg	Route	3.4E-009	mg/kg-day	3.1E-001	(mg/kg-day)-1	1.0E-009
	Benzo(k)fluoranthene	202	mg/kg	202	mg/kg	Route	1.4E-009	mg/kg-day	3.1E-002	(mg/kg-day)-1	4.3E-011
	Chrysene	371	mg/kg	371	mg/kg	Route	3.1E-008	mg/kg-day	3.1E-003	(mg/kg-day)-1	9.7E-011
	Dibenzofuran	759	mg/kg	759	mg/kg	Route	4.3E-010	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	30	mg/kg	30	mg/kg	Route	9.6E-011	mg/kg-day	3.1E+000	(mg/kg-day)-1	3.0E-010
	Fluoranthene	1787	mg/kg	1787	mg/kg	Route	1.3E-007	mg/kg-day	NA	N/A	--
	Fluorene	893	mg/kg	893	mg/kg	Route	4.0E-007	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	117	mg/kg	117	mg/kg	Route	5.7E-010	mg/kg-day	3.1E-001	(mg/kg-day)-1	1.8E-010
	Naphthalene	58	mg/kg	58	mg/kg	Route	2.4E-007	mg/kg-day	NA	N/A	--
	Phenanthrene	3127	mg/kg	3127	mg/kg	Route	1.9E-007	mg/kg-day	NA	N/A	--
	Pyrene	1162	mg/kg	1162	mg/kg	Route	7.1E-008	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	4.5E-015	mg/kg-day	1.5E+005	(mg/kg-day)-1	6.8E-010
	4,4'-DDE	541	mg/kg	541	mg/kg	Route	5.3E-009	mg/kg-day	NA	N/A	--
	4,4'-DDT	20	mg/kg	20	mg/kg	Route	1.6E-010	mg/kg-day	3.4E-001	(mg/kg-day)-1	5.6E-011
	Acetophenone	0.34	mg/kg	0.34	mg/kg	Route	1.9E-013	mg/kg-day	NA	N/A	--
	alpha-BHC	2.4	mg/kg	2.4	mg/kg	Route	1.0E-009	mg/kg-day	6.3E+000	(mg/kg-day)-1	6.3E-009
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	2.3E-011	mg/kg-day	3.5E-001	(mg/kg-day)-1	8.2E-012
	Aroclor 1254	8664	mg/kg	8664	mg/kg	Route	3.0E-006	mg/kg-day	NA	N/A	--
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	7.6E-011	mg/kg-day	NA	N/A	--
	Dieldrin	91	mg/kg	91	mg/kg	Route	9.8E-009	mg/kg-day	1.6E+001	(mg/kg-day)-1	1.6E-007
	Endrin aldehyde	54	mg/kg	54	mg/kg	Route	5.7E-009	mg/kg-day	NA	N/A	--
	gamma-Chlordane	10	mg/kg	10	mg/kg	Route	5.6E-012	mg/kg-day	3.5E-001	(mg/kg-day)-1	2.0E-012
	Heptachlor	1.9	mg/kg	1.9	mg/kg	Route	1.9E-010	mg/kg-day	4.6E+000	(mg/kg-day)-1	8.8E-010
	Heptachlor epoxide	123	mg/kg	123	mg/kg	Route	5.6E-009	mg/kg-day	9.1E+000	(mg/kg-day)-1	5.1E-008
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	2.1E-012	mg/kg-day	1.5E+005	(mg/kg-day)-1	3.2E-007
	Nondioxin-like PCBs	31588	mg/kg	31588	mg/kg	Route	1.1E-005	mg/kg-day	4.0E-001	(mg/kg-day)-1	4.4E-006
	Total PCBs	9033	mg/kg	9033	mg/kg	Route	3.1E-006	mg/kg-day	4.0E-001	(mg/kg-day)-1	1.2E-006
	Aluminum	28009	mg/kg	28009	mg/kg	Route	1.6E-008	mg/kg-day	NA	N/A	--
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	4.1E-012	mg/kg-day	NA	N/A	--
	Arsenic	32	mg/kg	32	mg/kg	Route	1.8E-011	mg/kg-day	1.5E+001	(mg/kg-day)-1	2.7E-010
	Barium	543	mg/kg	543	mg/kg	Route	3.1E-010	mg/kg-day	N/A	N/A	--
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	2.3E-011	mg/kg-day	6.3E+000	(mg/kg-day)-1	1.4E-010
	Chromium	61	mg/kg	61	mg/kg	Route	3.4E-011	mg/kg-day	NA	N/A	--

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TABLE 8.2.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Cyanide	2	mg/kg	2	mg/kg	Route	1.1E-012	mg/kg-day	NA	N/A	--
	Iron	41575	mg/kg	41575	mg/kg	Route	2.3E-008	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	745	mg/kg	745	mg/kg	Route	4.2E-010	mg/kg-day	NA	N/A	--
	Thallium	3	mg/kg	3	mg/kg	Route	1.7E-012	mg/kg-day	NA	N/A	--
	Vanadium	63	mg/kg	63	mg/kg	Route	3.6E-011	mg/kg-day	NA	N/A	--

Total Risk Across All Exposure Routes/Pathways (2) 6.1E-004

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 1.3E-002

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.
(2) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table.

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TABLE 8.3.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Ingestion	Benzene	0.009	mg/kg	0.009	mg/kg	Route	6.2E-010	mg/kg-day	5.5E-002	(mg/kg-day) -1	3.4E-011
	cis-1,2-Dichloroethene	0.07	mg/kg	0.07	mg/kg	Route	4.8E-009	mg/kg-day	NA	N/A	--
	Trichloroethene	0.09	mg/kg	0.09	mg/kg	Route	6.2E-009	mg/kg-day	4.0E-001	(mg/kg-day) -1	2.5E-009
	2-Methylnaphthalene	0.55	mg/kg	0.55	mg/kg	Route	3.8E-008	mg/kg-day	NA	N/A	--
	Acenaphthene	0.22	mg/kg	0.22	mg/kg	Route	1.5E-008	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	2.7	mg/kg	2.7	mg/kg	Route	1.9E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.4E-007
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	1.9E-007	mg/kg-day	7.3E+000	(mg/kg/day)-1	1.4E-006
	Benzo(b)fluoranthene	3.3	mg/kg	3.3	mg/kg	Route	2.3E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.7E-007
	Benzo(k)fluoranthene	2.65	mg/kg	2.65	mg/kg	Route	1.8E-007	mg/kg-day	7.3E-002	(mg/kg-day) -1	1.3E-008
	Chrysene	3.37	mg/kg	3.37	mg/kg	Route	2.3E-007	mg/kg-day	7.3E-003	(mg/kg-day) -1	1.7E-009
	Dibenzofuran	0.25	mg/kg	0.25	mg/kg	Route	1.7E-008	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	0.61	mg/kg	0.61	mg/kg	Route	4.2E-008	mg/kg-day	7.3E+000	(mg/kg-day) -1	3.1E-007
	Fluoranthene	3.8	mg/kg	3.8	mg/kg	Route	2.6E-007	mg/kg-day	NA	N/A	--
	Fluorene	0.27	mg/kg	0.27	mg/kg	Route	1.9E-008	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	2.28	mg/kg	2.28	mg/kg	Route	1.6E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.1E-007
	Naphthalene	0.37	mg/kg	0.37	mg/kg	Route	2.6E-008	mg/kg-day	NA	N/A	--
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	1.4E-007	mg/kg-day	NA	N/A	--
	Pyrene	5.4	mg/kg	5.4	mg/kg	Route	3.7E-007	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	5.5E-010	mg/kg-day	1.5E+005	(mg/kg/day)-1	8.3E-005
	4,4'-DDE	13.7	mg/kg	13.7	mg/kg	Route	9.5E-007	mg/kg-day	3.4E-001	(mg/kg/day)-1	3.2E-007
	4,4'-DDT	0.8	mg/kg	0.8	mg/kg	Route	5.5E-008	mg/kg-day	3.4E-001	(mg/kg/day)-1	1.9E-008
	Acetophenone	0.3	mg/kg	0.3	mg/kg	Route	2.1E-008	mg/kg-day	NA	N/A	--
	alpha-BHC	0.075	mg/kg	0.075	mg/kg	Route	5.2E-009	mg/kg-day	6.3E+000	(mg/kg/day)-1	3.3E-008
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	1.6E-008	mg/kg-day	3.5E-001	(mg/kg/day)-1	5.6E-009
	Aroclor 1254	544	mg/kg	544	mg/kg	Route	3.8E-005	mg/kg-day	NA	N/A	--
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	1.5E-008	mg/kg-day	NA	N/A	--
	Dieldrin	16.5	mg/kg	16.5	mg/kg	Route	1.1E-006	mg/kg-day	1.6E+001	(mg/kg/day)-1	1.8E-005
	Endrin aldehyde	3.5	mg/kg	3.5	mg/kg	Route	2.4E-007	mg/kg-day	NA	N/A	--
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	2.2E-008	mg/kg-day	3.5E-001	(mg/kg/day)-1	7.7E-009
	Heptachlor	0.41	mg/kg	0.41	mg/kg	Route	2.8E-008	mg/kg-day	4.5E+000	(mg/kg/day)-1	1.3E-007
	Heptachlor epoxide	6.7	mg/kg	6.7	mg/kg	Route	4.6E-007	mg/kg-day	9.1E+000	(mg/kg/day)-1	4.2E-006
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	2.6E-007	mg/kg-day	1.5E+005	(mg/kg/day)-1	3.9E-002
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.2E-003	mg/kg-day	2.0E+000	(mg/kg/day)-1	4.4E-003

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TABLE 8.3.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Total PCBs	926	mg/kg	926	mg/kg	Route	6.4E-005	mg/kg-day	2.0E+000	(mg/kg/day)-1	1.3E-004
	Aluminum	28009	mg/kg	28009	mg/kg	Route	1.9E-003	mg/kg-day	NA	N/A	--
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	5.0E-007	mg/kg-day	NA	N/A	--
	Arsenic	32	mg/kg	32	mg/kg	Route	2.2E-006	mg/kg-day	1.5E+000	(mg/kg/day)-1	3.3E-006
	Barium	381	mg/kg	381	mg/kg	Route	2.6E-005	mg/kg-day	NA	N/A	--
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	2.8E-006	mg/kg-day	NA	N/A	--
	Chromium	45	mg/kg	45	mg/kg	Route	3.1E-006	mg/kg-day	NA	N/A	--
	Cyanide	0.88	mg/kg	0.88	mg/kg	Route	6.1E-008	mg/kg-day	NA	N/A	--
	Iron	34473	mg/kg	34473	mg/kg	Route	2.4E-003	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	745	mg/kg	745	mg/kg	Route	5.1E-005	mg/kg-day	NA	N/A	--
	Thallium	1.7	mg/kg	1.7	mg/kg	Route	1.2E-007	mg/kg-day	NA	N/A	--
	Vanadium	55	mg/kg	55	mg/kg	Route	3.8E-006	mg/kg-day	NA	N/A	--
Dermal Absorption	Benzene	0.009	mg/kg	0.009	mg/kg	Route	N/A	N/A	N/A	N/A	--
	cis-1,2-Dichloroethene	0.07	mg/kg	0.07	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Trichloroethene	0.09	mg/kg	0.09	mg/kg	Route	N/A	N/A	N/A	N/A	--
	2-Methylnaphthalene	0.55	mg/kg	0.55	mg/kg	Route	4.7E-008	mg/kg-day	N/A	N/A	--
	Acenaphthene	0.22	mg/kg	0.22	mg/kg	Route	1.9E-008	mg/kg-day	N/A	N/A	--
	Benzo(a)anthracene	2.7	mg/kg	2.7	mg/kg	Route	2.3E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.7E-007
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	2.4E-007	mg/kg-day	7.3E+000	(mg/kg/day)-1	1.7E-006
	Benzo(b)fluoranthene	3.3	mg/kg	3.3	mg/kg	Route	2.8E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	2.1E-007
	Benzo(k)fluoranthene	2.65	mg/kg	2.65	mg/kg	Route	2.3E-007	mg/kg-day	7.3E-002	(mg/kg-day) -1	1.7E-008
	Chrysene	3.37	mg/kg	3.37	mg/kg	Route	2.9E-007	mg/kg-day	7.3E-003	(mg/kg-day) -1	2.1E-009
	Dibenzofuran	0.25	mg/kg	0.25	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Dibenz(a,h)anthracene	0.61	mg/kg	0.61	mg/kg	Route	5.2E-008	mg/kg-day	7.3E+000	(mg/kg-day) -1	3.8E-007
	Fluoranthene	3.8	mg/kg	3.8	mg/kg	Route	3.3E-007	mg/kg-day	N/A	N/A	--
	Fluorene	0.27	mg/kg	0.27	mg/kg	Route	2.3E-008	mg/kg-day	N/A	N/A	--
	Indeno(1,2,3-cd)pyrene	2.28	mg/kg	2.28	mg/kg	Route	2.0E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.4E-007
	Naphthalene	0.37	mg/kg	0.37	mg/kg	Route	3.2E-008	mg/kg-day	N/A	N/A	--
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	1.8E-007	mg/kg-day	N/A	N/A	--
	Pyrene	5.4	mg/kg	5.4	mg/kg	Route	4.6E-007	mg/kg-day	N/A	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	1.6E-010	mg/kg-day	1.5E+005	(mg/kg/day)-1	2.4E-005
	4,4'-DDE	13.7	mg/kg	13.7	mg/kg	Route	N/A	N/A	N/A	N/A	--

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TABLE 8.3.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	4,4'-DDT	0.8	mg/kg	0.8	mg/kg	Route	1.6E-008	mg/kg-day	3.4E-001	(mg/kg/day)-1	5.4E-009
	Acetophenone	0.3	mg/kg	0.3	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-BHC	0.075	mg/kg	0.075	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aroclor 1254	544	mg/kg	544	mg/kg	Route	5.0E-005	mg/kg-day	N/A	N/A	--
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	2.0E-008	mg/kg-day	N/A	N/A	--
	Dieldrin	16.5	mg/kg	16.5	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin aldehyde	3.5	mg/kg	3.5	mg/kg	Route	N/A	N/A	N/A	N/A	--
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	8.4E-009	mg/kg-day	3.5E-001	(mg/kg/day)-1	2.9E-009
	Heptachlor	0.41	mg/kg	0.41	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor epoxide	6.7	mg/kg	6.7	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	7.5E-008	mg/kg-day	1.5E+005	(mg/kg/day)-1	1.1E-002
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.9E-003	mg/kg-day	2.0E+000	(mg/kg/day)-1	5.8E-003
	Total PCBs	926	mg/kg	926	mg/kg	Route	8.5E-005	mg/kg-day	2.0E+000	(mg/kg/day)-1	1.7E-004
	Aluminum	28009	mg/kg	28009	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Arsenic	32	mg/kg	32	mg/kg	Route	6.3E-007	mg/kg-day	1.5E+000	(mg/kg/day)-1	9.5E-007
	Barium	381	mg/kg	381	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	2.6E-008	mg/kg-day	N/A	N/A	--
	Chromium	45	mg/kg	45	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cyanide	0.88	mg/kg	0.88	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Iron	34473	mg/kg	34473	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Manganese	745	mg/kg	745	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Thallium	1.7	mg/kg	1.7	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vanadium	55	mg/kg	55	mg/kg	Route	N/A	N/A	N/A	N/A	--
Inhalation	Benzene	0.009	mg/kg	0.009	mg/kg	Route	4.2E-009	mg/kg-day	2.7E-002	(mg/kg-day)-1	1.1E-010
	cis-1,2-Dichloroethene	0.07	mg/kg	0.07	mg/kg	Route	3.2E-008	mg/kg-day	NA	N/A	--
	Trichloroethene	0.09	mg/kg	0.09	mg/kg	Route	3.2E-008	mg/kg-day	4.0E-001	(mg/kg-day)-1	1.3E-008
	2-Methylnaphthalene	0.55	mg/kg	0.55	mg/kg	Route	1.1E-008	mg/kg-day	NA	N/A	--
	Acenaphthene	0.22	mg/kg	0.22	mg/kg	Route	1.1E-009	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	2.7	mg/kg	2.7	mg/kg	Route	3.3E-010	mg/kg-day	3.1E-001	(mg/kg-day)-1	1.0E-010
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	1.4E-010	mg/kg-day	3.1E+000	(mg/kg-day)-1	4.4E-010

301974

TABLE 8.3.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Benzo(b)fluoranthene	3.3	mg/kg	3.3	mg/kg	Route	7.9E-010	mg/kg-day	3.1E-001	(mg/kg-day)-1	2.4E-010
	Benzo(k)fluoranthene	2.65	mg/kg	2.65	mg/kg	Route	8.8E-011	mg/kg-day	3.1E-002	(mg/kg-day)-1	2.7E-012
	Chrysene	3.37	mg/kg	3.37	mg/kg	Route	1.4E-009	mg/kg-day	3.1E-003	(mg/kg-day)-1	4.2E-012
	Dibenzofuran	0.25	mg/kg	0.25	mg/kg	Route	6.8E-013	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	0.61	mg/kg	0.61	mg/kg	Route	9.3E-012	mg/kg-day	3.1E+000	(mg/kg-day)-1	2.9E-011
	Fluoranthene	3.8	mg/kg	3.8	mg/kg	Route	1.4E-009	mg/kg-day	NA	N/A	--
	Fluorene	0.27	mg/kg	0.27	mg/kg	Route	5.8E-010	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	2.28	mg/kg	2.28	mg/kg	Route	5.3E-011	mg/kg-day	3.1E-001	(mg/kg-day)-1	1.6E-011
	Naphthalene	0.37	mg/kg	0.37	mg/kg	Route	7.3E-009	mg/kg-day	NA	N/A	--
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	6.2E-010	mg/kg-day	NA	N/A	--
	Pyrene	5.4	mg/kg	5.4	mg/kg	Route	1.6E-009	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	2.2E-014	mg/kg-day	1.5E+005	(mg/kg-day)-1	3.2E-009
	4,4'-DDE	13.7	mg/kg	13.7	mg/kg	Route	6.5E-010	mg/kg-day	NA	N/A	--
	4,4'-DDT	0.8	mg/kg	0.8	mg/kg	Route	3.2E-011	mg/kg-day	3.4E-001	(mg/kg-day)-1	1.1E-011
	Acetophenone	0.3	mg/kg	0.3	mg/kg	Route	8.1E-013	mg/kg-day	NA	N/A	--
	alpha-BHC	0.075	mg/kg	0.075	mg/kg	Route	1.5E-010	mg/kg-day	6.3E+000	(mg/kg-day)-1	9.4E-010
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	1.1E-010	mg/kg-day	3.5E-001	(mg/kg-day)-1	3.9E-011
	Aroclor 1254	544	mg/kg	544	mg/kg	Route	9.0E-007	mg/kg-day	NA	N/A	--
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	3.6E-010	mg/kg-day	NA	N/A	--
	Dieldrin	16.5	mg/kg	16.5	mg/kg	Route	8.5E-009	mg/kg-day	1.6E+001	(mg/kg-day)-1	1.4E-007
	Endrin aldehyde	3.5	mg/kg	3.5	mg/kg	Route	1.8E-009	mg/kg-day	NA	N/A	--
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	8.7E-013	mg/kg-day	3.5E-001	(mg/kg-day)-1	3.0E-013
	Heptachlor	0.41	mg/kg	0.41	mg/kg	Route	2.0E-010	mg/kg-day	4.6E+000	(mg/kg-day)-1	9.1E-010
	Heptachlor epoxide	6.7	mg/kg	6.7	mg/kg	Route	1.5E-009	mg/kg-day	9.1E+000	(mg/kg-day)-1	1.3E-008
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	1.0E-011	mg/kg-day	1.5E+005	(mg/kg-day)-1	1.5E-006
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	5.2E-005	mg/kg-day	4.0E-001	(mg/kg-day)-1	2.1E-005
	Total PCBs	926	mg/kg	926	mg/kg	Route	1.5E-006	mg/kg-day	4.0E-001	(mg/kg-day)-1	6.1E-007
	Aluminum	28009	mg/kg	28009	mg/kg	Route	7.6E-008	mg/kg-day	NA	N/A	--
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	1.9E-011	mg/kg-day	NA	N/A	--
	Arsenic	32	mg/kg	32	mg/kg	Route	8.7E-011	mg/kg-day	1.5E+001	(mg/kg-day)-1	1.3E-009
	Barium	381	mg/kg	381	mg/kg	Route	1.0E-009	mg/kg-day	N/A	N/A	--
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	1.1E-010	mg/kg-day	6.3E+000	(mg/kg-day)-1	6.9E-010
	Chromium	45	mg/kg	45	mg/kg	Route	1.2E-010	mg/kg-day	NA	N/A	--

301975

TABLE 8.3.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Cyanide	0.88	mg/kg	0.88	mg/kg	Route	2.4E-012	mg/kg-day	NA	N/A	--
	Iron	34473	mg/kg	34473	mg/kg	Route	9.3E-008	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	745	mg/kg	745	mg/kg	Route	2.0E-009	mg/kg-day	NA	N/A	--
	Thallium	1.7	mg/kg	1.7	mg/kg	Route	4.6E-012	mg/kg-day	NA	N/A	--
	Vanadium	55	mg/kg	55	mg/kg	Route	1.5E-010	mg/kg-day	NA	N/A	--
										Total Risk Across All Exposure Routes/Pathways (2)	4.4E-004

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 6.0E-002

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.
(2) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table.

301976

TABLE 8.3.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Ingestion	Benzene	0.009	mg/kg	0.009	mg/kg	Route	1.6E-010	mg/kg-day	5.5E-002	(mg/kg-day) -1	8.5E-012
	cis-1,2-Dichloroethene	0.07	mg/kg	0.07	mg/kg	Route	1.2E-009	mg/kg-day	NA	N/A	--
	Trichloroethene	0.09	mg/kg	0.09	mg/kg	Route	1.6E-009	mg/kg-day	4.0E-001	(mg/kg-day) -1	6.2E-010
	2-Methylnaphthalene	0.55	mg/kg	0.55	mg/kg	Route	9.5E-009	mg/kg-day	NA	N/A	--
	Acenaphthene	0.22	mg/kg	0.22	mg/kg	Route	3.8E-009	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	2.7	mg/kg	2.7	mg/kg	Route	4.7E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	3.4E-008
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	4.8E-008	mg/kg-day	7.3E+000	(mg/kg/day)-1	3.5E-007
	Benzo(b)fluoranthene	3.3	mg/kg	3.3	mg/kg	Route	5.7E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	4.2E-008
	Benzo(k)fluoranthene	2.65	mg/kg	2.65	mg/kg	Route	4.6E-008	mg/kg-day	7.3E-002	(mg/kg-day) -1	3.3E-009
	Chrysene	3.37	mg/kg	3.37	mg/kg	Route	5.8E-008	mg/kg-day	7.3E-003	(mg/kg-day) -1	4.2E-010
	Dibenzofuran	0.25	mg/kg	0.25	mg/kg	Route	4.3E-009	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	0.61	mg/kg	0.61	mg/kg	Route	1.1E-008	mg/kg-day	7.3E+000	(mg/kg-day) -1	7.7E-008
	Fluoranthene	3.8	mg/kg	3.8	mg/kg	Route	6.6E-008	mg/kg-day	NA	N/A	--
	Fluorene	0.27	mg/kg	0.27	mg/kg	Route	4.7E-009	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	2.28	mg/kg	2.28	mg/kg	Route	3.9E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	2.9E-008
	Naphthalene	0.37	mg/kg	0.37	mg/kg	Route	6.4E-009	mg/kg-day	NA	N/A	--
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	3.6E-008	mg/kg-day	NA	N/A	--
	Pyrene	5.4	mg/kg	5.4	mg/kg	Route	9.3E-008	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	1.4E-010	mg/kg-day	1.5E+005	(mg/kg/day)-1	2.1E-005
	4,4'-DDE	13.7	mg/kg	13.7	mg/kg	Route	2.4E-007	mg/kg-day	3.4E-001	(mg/kg/day)-1	8.0E-008
	4,4'-DDT	0.8	mg/kg	0.8	mg/kg	Route	1.4E-008	mg/kg-day	3.4E-001	(mg/kg/day)-1	4.7E-009
	Acetophenone	0.3	mg/kg	0.3	mg/kg	Route	5.2E-009	mg/kg-day	NA	N/A	--
	alpha-BHC	0.075	mg/kg	0.075	mg/kg	Route	1.3E-009	mg/kg-day	6.3E+000	(mg/kg/day)-1	8.1E-009
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	4.0E-009	mg/kg-day	3.5E-001	(mg/kg/day)-1	1.4E-009
	Aroclor 1254	544	mg/kg	544	mg/kg	Route	9.4E-006	mg/kg-day	NA	N/A	--
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	3.8E-009	mg/kg-day	NA	N/A	--
	Dieldrin	16.5	mg/kg	16.5	mg/kg	Route	2.8E-007	mg/kg-day	1.6E+001	(mg/kg/day)-1	4.6E-006
	Endrin aldehyde	3.5	mg/kg	3.5	mg/kg	Route	6.0E-008	mg/kg-day	NA	N/A	--
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	5.5E-009	mg/kg-day	3.5E-001	(mg/kg/day)-1	1.9E-009
	Heptachlor	0.41	mg/kg	0.41	mg/kg	Route	7.1E-009	mg/kg-day	4.5E+000	(mg/kg/day)-1	3.2E-008
	Heptachlor epoxide	6.7	mg/kg	6.7	mg/kg	Route	1.2E-007	mg/kg-day	9.1E+000	(mg/kg/day)-1	1.1E-006
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	6.6E-008	mg/kg-day	1.5E+005	(mg/kg/day)-1	9.8E-003
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	5.4E-004	mg/kg-day	2.0E+000	(mg/kg/day)-1	1.1E-003

301977

TABLE 8.3.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Total PCBs	926	mg/kg	926	mg/kg	Route	1.6E-005	mg/kg-day	2.0E+000	(mg/kg/day)-1	3.2E-005
	Aluminum	28009	mg/kg	28009	mg/kg	Route	4.8E-004	mg/kg-day	NA	N/A	--
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	1.2E-007	mg/kg-day	NA	N/A	--
	Arsenic	32	mg/kg	32	mg/kg	Route	5.5E-007	mg/kg-day	1.5E+000	(mg/kg/day)-1	8.3E-007
	Barium	381	mg/kg	381	mg/kg	Route	6.6E-006	mg/kg-day	NA	N/A	--
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	6.9E-007	mg/kg-day	NA	N/A	--
	Chromium	45	mg/kg	45	mg/kg	Route	7.8E-007	mg/kg-day	NA	N/A	--
	Cyanide	0.88	mg/kg	0.88	mg/kg	Route	1.5E-008	mg/kg-day	NA	N/A	--
	Iron	34473	mg/kg	34473	mg/kg	Route	5.9E-004	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	745	mg/kg	745	mg/kg	Route	1.3E-005	mg/kg-day	NA	N/A	--
	Thallium	1.7	mg/kg	1.7	mg/kg	Route	2.9E-008	mg/kg-day	NA	N/A	--
	Vanadium	55	mg/kg	55	mg/kg	Route	9.5E-007	mg/kg-day	NA	N/A	--
Dermal Absorption	Benzene	0.009	mg/kg	0.009	mg/kg	Route	N/A	N/A	N/A	N/A	--
	cis-1,2-Dichloroethene	0.07	mg/kg	0.07	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Trichloroethene	0.09	mg/kg	0.09	mg/kg	Route	N/A	N/A	N/A	N/A	--
	2-Methylnaphthalene	0.55	mg/kg	0.55	mg/kg	Route	4.7E-009	mg/kg-day	N/A	N/A	--
	Acenaphthene	0.22	mg/kg	0.22	mg/kg	Route	1.9E-009	mg/kg-day	N/A	N/A	--
	Benzo(a)anthracene	2.7	mg/kg	2.7	mg/kg	Route	2.3E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.7E-008
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	2.4E-008	mg/kg-day	7.3E+000	(mg/kg/day)-1	1.7E-007
	Benzo(b)fluoranthene	3.3	mg/kg	3.3	mg/kg	Route	2.8E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	2.1E-008
	Benzo(k)fluoranthene	2.65	mg/kg	2.65	mg/kg	Route	2.3E-008	mg/kg-day	7.3E-002	(mg/kg-day) -1	1.7E-009
	Chrysene	3.37	mg/kg	3.37	mg/kg	Route	2.9E-008	mg/kg-day	7.3E-003	(mg/kg-day) -1	2.1E-010
	Dibenzofuran	0.25	mg/kg	0.25	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Dibenz(a,h)anthracene	0.61	mg/kg	0.61	mg/kg	Route	5.2E-009	mg/kg-day	7.3E+000	(mg/kg-day) -1	3.8E-008
	Fluoranthene	3.8	mg/kg	3.8	mg/kg	Route	3.3E-008	mg/kg-day	N/A	N/A	--
	Fluorene	0.27	mg/kg	0.27	mg/kg	Route	2.3E-009	mg/kg-day	N/A	N/A	--
	Indeno(1,2,3-cd)pyrene	2.28	mg/kg	2.28	mg/kg	Route	2.0E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.4E-008
	Naphthalene	0.37	mg/kg	0.37	mg/kg	Route	3.2E-009	mg/kg-day	N/A	N/A	--
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	1.8E-008	mg/kg-day	N/A	N/A	--
	Pyrene	5.4	mg/kg	5.4	mg/kg	Route	4.6E-008	mg/kg-day	N/A	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	1.6E-011	mg/kg-day	1.5E+005	(mg/kg/day)-1	2.4E-006
	4,4'-DDE	13.7	mg/kg	13.7	mg/kg	Route	N/A	N/A	N/A	N/A	--

301978

TABLE 8.3.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	4,4'-DDT	0.8	mg/kg	0.8	mg/kg	Route	1.6E-009	mg/kg-day	3.4E-001	(mg/kg/day)-1	5.4E-010
	Acetophenone	0.3	mg/kg	0.3	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-BHC	0.075	mg/kg	0.075	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aroclor 1254	544	mg/kg	544	mg/kg	Route	5.0E-006	mg/kg-day	N/A	N/A	--
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	2.0E-009	mg/kg-day	N/A	N/A	--
	Dieldrin	16.5	mg/kg	16.5	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin aldehyde	3.5	mg/kg	3.5	mg/kg	Route	N/A	N/A	N/A	N/A	--
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	8.4E-010	mg/kg-day	3.5E-001	(mg/kg/day)-1	2.9E-010
	Heptachlor	0.41	mg/kg	0.41	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor epoxide	6.7	mg/kg	6.7	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	7.5E-009	mg/kg-day	1.5E+005	(mg/kg/day)-1	1.1E-003
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.9E-004	mg/kg-day	2.0E+000	(mg/kg/day)-1	5.8E-004
	Total PCBs	926	mg/kg	926	mg/kg	Route	8.5E-006	mg/kg-day	2.0E+000	(mg/kg/day)-1	1.7E-005
	Aluminum	28009	mg/kg	28009	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Arsenic	32	mg/kg	32	mg/kg	Route	6.3E-008	mg/kg-day	1.5E+000	(mg/kg/day)-1	9.5E-008
	Barium	381	mg/kg	381	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	2.6E-009	mg/kg-day	N/A	N/A	--
	Chromium	45	mg/kg	45	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cyanide	0.88	mg/kg	0.88	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Iron	34473	mg/kg	34473	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Manganese	745	mg/kg	745	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Thallium	1.7	mg/kg	1.7	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vanadium	55	mg/kg	55	mg/kg	Route	N/A	N/A	N/A	N/A	--
Inhalation	Benzene	0.009	mg/kg	0.009	mg/kg	Route	8.7E-010	mg/kg-day	2.7E-002	(mg/kg-day)-1	2.4E-011
	cis-1,2-Dichloroethene	0.07	mg/kg	0.07	mg/kg	Route	6.7E-009	mg/kg-day	NA	N/A	--
	Trichloroethene	0.09	mg/kg	0.09	mg/kg	Route	6.8E-009	mg/kg-day	4.0E-001	(mg/kg-day)-1	2.7E-009
	2-Methylnaphthalene	0.55	mg/kg	0.55	mg/kg	Route	2.2E-009	mg/kg-day	NA	N/A	--
	Acenaphthene	0.22	mg/kg	0.22	mg/kg	Route	2.3E-010	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	2.7	mg/kg	2.7	mg/kg	Route	6.8E-011	mg/kg-day	3.1E-001	(mg/kg-day)-1	2.1E-011
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	3.0E-011	mg/kg-day	3.1E+000	(mg/kg-day)-1	9.2E-011

301979

TABLE 8.3.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Benzo(b)fluoranthene	3.3	mg/kg	3.3	mg/kg	Route	1.6E-010	mg/kg-day	3.1E-001	(mg/kg-day)-1	5.1E-011
	Benzo(k)fluoranthene	2.65	mg/kg	2.65	mg/kg	Route	1.8E-011	mg/kg-day	3.1E-002	(mg/kg-day)-1	5.7E-013
	Chrysene	3.37	mg/kg	3.37	mg/kg	Route	2.8E-010	mg/kg-day	3.1E-003	(mg/kg-day)-1	8.8E-013
	Dibenzofuran	0.25	mg/kg	0.25	mg/kg	Route	1.4E-013	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	0.61	mg/kg	0.61	mg/kg	Route	1.9E-012	mg/kg-day	3.1E+000	(mg/kg-day)-1	6.0E-012
	Fluoranthene	3.8	mg/kg	3.8	mg/kg	Route	2.9E-010	mg/kg-day	NA	N/A	--
	Fluorene	0.27	mg/kg	0.27	mg/kg	Route	1.2E-010	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	2.28	mg/kg	2.28	mg/kg	Route	1.1E-011	mg/kg-day	3.1E-001	(mg/kg-day)-1	3.4E-012
	Naphthalene	0.37	mg/kg	0.37	mg/kg	Route	1.5E-009	mg/kg-day	NA	N/A	--
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	1.3E-010	mg/kg-day	NA	N/A	--
	Pyrene	5.4	mg/kg	5.4	mg/kg	Route	3.3E-010	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	4.5E-015	mg/kg-day	1.5E+005	(mg/kg-day)-1	6.8E-010
	4,4'-DDE	13.7	mg/kg	13.7	mg/kg	Route	1.3E-010	mg/kg-day	NA	N/A	--
	4,4'-DDT	0.8	mg/kg	0.8	mg/kg	Route	6.6E-012	mg/kg-day	3.4E-001	(mg/kg-day)-1	2.2E-012
	Acetophenone	0.3	mg/kg	0.3	mg/kg	Route	1.7E-013	mg/kg-day	NA	N/A	--
	alpha-BHC	0.075	mg/kg	0.075	mg/kg	Route	3.1E-011	mg/kg-day	6.3E+000	(mg/kg-day)-1	2.0E-010
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	2.3E-011	mg/kg-day	3.5E-001	(mg/kg-day)-1	8.2E-012
	Aroclor 1254	544	mg/kg	544	mg/kg	Route	1.9E-007	mg/kg-day	NA	N/A	--
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	7.6E-011	mg/kg-day	NA	N/A	--
	Dieldrin	16.5	mg/kg	16.5	mg/kg	Route	1.8E-009	mg/kg-day	1.6E+001	(mg/kg-day)-1	2.9E-008
	Endrin aldehyde	3.5	mg/kg	3.5	mg/kg	Route	3.7E-010	mg/kg-day	NA	N/A	--
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	1.8E-013	mg/kg-day	3.5E-001	(mg/kg-day)-1	6.3E-014
	Heptachlor	0.41	mg/kg	0.41	mg/kg	Route	4.2E-011	mg/kg-day	4.6E+000	(mg/kg-day)-1	1.9E-010
	Heptachlor epoxide	6.7	mg/kg	6.7	mg/kg	Route	3.0E-010	mg/kg-day	9.1E+000	(mg/kg-day)-1	2.8E-009
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	2.1E-012	mg/kg-day	1.5E+005	(mg/kg-day)-1	3.2E-007
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	1.1E-005	mg/kg-day	4.0E-001	(mg/kg-day)-1	4.4E-006
	Total PCBs	926	mg/kg	926	mg/kg	Route	3.2E-007	mg/kg-day	4.0E-001	(mg/kg-day)-1	1.3E-007
	Aluminum	28009	mg/kg	28009	mg/kg	Route	1.6E-008	mg/kg-day	NA	N/A	--
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	4.1E-012	mg/kg-day	NA	N/A	--
	Arsenic	32	mg/kg	32	mg/kg	Route	1.8E-011	mg/kg-day	1.5E+001	(mg/kg-day)-1	2.7E-010
	Barium	381	mg/kg	381	mg/kg	Route	2.1E-010	mg/kg-day	N/A	N/A	--
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	2.3E-011	mg/kg-day	6.3E+000	(mg/kg-day)-1	1.4E-010
	Chromium	45	mg/kg	45	mg/kg	Route	2.5E-011	mg/kg-day	NA	N/A	--

301980

TABLE 8.3.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Cyanide	0.88	mg/kg	0.88	mg/kg	Route	5.0E-013	mg/kg-day	NA	N/A	--
	Iron	34473	mg/kg	34473	mg/kg	Route	1.9E-008	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	745	mg/kg	745	mg/kg	Route	4.2E-010	mg/kg-day	NA	N/A	--
	Thallium	1.7	mg/kg	1.7	mg/kg	Route	9.6E-013	mg/kg-day	NA	N/A	--
	Vanadium	55	mg/kg	55	mg/kg	Route	3.1E-011	mg/kg-day	NA	N/A	--

Total Risk Across All Exposure Routes/Pathways (2) 8.0E-005

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 1.3E-002

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.
(2) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table.

301981

TABLE 8.4.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area A
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Ingestion	Benzene	0.001	mg/kg	0.001	mg/kg	Route	3.1E-010	mg/kg-day	5.5E-002	(mg/kg-day) -1	1.7E-011
	Trichloroethene	0.17	mg/kg	0.17	mg/kg	Route	5.3E-008	mg/kg-day	4.0E-001	(mg/kg-day) -1	2.1E-008
	Benzo(a)anthracene	3.1	mg/kg	3.1	mg/kg	Route	9.7E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	7.1E-007
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	8.8E-007	mg/kg-day	7.3E+000	(mg/kg/day)-1	6.4E-006
	Benzo(b)fluoranthene	4	mg/kg	4	mg/kg	Route	1.3E-006	mg/kg-day	7.3E-001	(mg/kg-day) -1	9.2E-007
	Dibenz(a,h)anthracene	0.49	mg/kg	0.49	mg/kg	Route	1.5E-007	mg/kg-day	7.3E+000	(mg/kg-day) -1	1.1E-006
	Indeno(1,2,3-cd)pyrene	0.97	mg/kg	0.97	mg/kg	Route	3.1E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	2.2E-007
	Aldrin	9.2	mg/kg	9.2	mg/kg	Route	2.9E-006	mg/kg-day	1.7E+001	(mg/kg/day)-1	4.9E-005
	Aroclor 1242	0.95	mg/kg	0.95	mg/kg	Route	3.0E-007	mg/kg-day	NA	N/A	--
	Aroclor 1254	340	mg/kg	340	mg/kg	Route	1.1E-004	mg/kg-day	NA	N/A	--
	Total PCBs	354	mg/kg	354	mg/kg	Route	1.1E-004	mg/kg-day	2.0E+000	(mg/kg/day)-1	2.2E-004
	Aluminum	13900	mg/kg	13900	mg/kg	Route	4.4E-003	mg/kg-day	NA	N/A	--
	Antimony	14.9	mg/kg	14.9	mg/kg	Route	4.7E-006	mg/kg-day	NA	N/A	--
	Arsenic	92.1	mg/kg	92.1	mg/kg	Route	2.9E-005	mg/kg-day	1.5E+000	(mg/kg/day)-1	4.3E-005
	Barium	1170	mg/kg	1170	mg/kg	Route	3.7E-004	mg/kg-day	NA	N/A	--
	Iron	32200	mg/kg	32200	mg/kg	Route	1.0E-002	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	556	mg/kg	556	mg/kg	Route	1.7E-004	mg/kg-day	NA	N/A	--
	Thallium	3.1	mg/kg	3.1	mg/kg	Route	9.7E-007	mg/kg-day	NA	N/A	--
Dermal Absorption	Benzene	0.001	mg/kg	0.001	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Trichloroethene	0.17	mg/kg	0.17	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Benzo(a)anthracene	3.1	mg/kg	3.1	mg/kg	Route	8.4E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	6.1E-007
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	7.6E-007	mg/kg-day	7.3E+000	(mg/kg/day)-1	5.5E-006
	Benzo(b)fluoranthene	4	mg/kg	4	mg/kg	Route	1.1E-006	mg/kg-day	7.3E-001	(mg/kg-day) -1	7.9E-007
	Dibenz(a,h)anthracene	0.49	mg/kg	0.49	mg/kg	Route	1.3E-007	mg/kg-day	7.3E+000	(mg/kg-day) -1	9.7E-007
	Indeno(1,2,3-cd)pyrene	0.97	mg/kg	0.97	mg/kg	Route	2.6E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.9E-007

301982

TABLE 8.4.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area A
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Aldrin	9.2	mg/kg	9.2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aroclor 1242	0.95	mg/kg	0.95	mg/kg	Route	2.8E-007	mg/kg-day	N/A	N/A	--
	Aroclor 1254	340	mg/kg	340	mg/kg	Route	9.9E-005	mg/kg-day	N/A	N/A	--
	Total PCBs	354	mg/kg	354	mg/kg	Route	1.0E-004	mg/kg-day	2.0E+000	(mg/kg/day)-1	2.1E-004
	Aluminum	13900	mg/kg	13900	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Antimony	14.9	mg/kg	14.9	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Arsenic	92.1	mg/kg	92.1	mg/kg	Route	5.7E-006	mg/kg-day	1.5E+000	(mg/kg/day)-1	8.6E-006
	Barium	1170	mg/kg	1170	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Iron	32200	mg/kg	32200	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Manganese	556	mg/kg	556	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Thallium	3.1	mg/kg	3.1	mg/kg	Route	N/A	N/A	N/A	N/A	--
Inhalation	Benzene	0.001	mg/kg	0.001	mg/kg	Route	1.1E-008	mg/kg-day	2.7E-002	(mg/kg-day)-1	2.9E-010
	Trichloroethene	0.17	mg/kg	0.17	mg/kg	Route	1.4E-006	mg/kg-day	4.0E-001	(mg/kg-day)-1	5.6E-007
	Benzo(a)anthracene	3.1	mg/kg	3.1	mg/kg	Route	8.7E-009	mg/kg-day	3.1E-001	(mg/kg-day)-1	2.7E-009
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	3.3E-009	mg/kg-day	3.1E+000	(mg/kg-day)-1	1.0E-008
	Benzo(b)fluoranthene	4	mg/kg	4	mg/kg	Route	2.2E-008	mg/kg-day	3.1E-001	(mg/kg-day)-1	6.8E-009
	Dibenz(a,h)anthracene	0.49	mg/kg	0.49	mg/kg	Route	1.9E-010	mg/kg-day	3.1E+000	(mg/kg-day)-1	5.9E-010
	Indeno(1,2,3-cd)pyrene	0.97	mg/kg	0.97	mg/kg	Route	5.5E-010	mg/kg-day	3.1E-001	(mg/kg-day)-1	1.7E-010
	Aldrin	9.2	mg/kg	9.2	mg/kg	Route	3.4E-008	mg/kg-day	1.7E+001	(mg/kg-day)-1	5.8E-007
	Aroclor 1242	0.95	mg/kg	0.95	mg/kg	Route	6.0E-008	mg/kg-day	NA	N/A	--
	Aroclor 1254	340	mg/kg	340	mg/kg	Route	2.1E-005	mg/kg-day	NA	N/A	--
	Total PCBs	354	mg/kg	354	mg/kg	Route	2.2E-005	mg/kg-day	4.0E-001	(mg/kg-day)-1	8.9E-006
	Aluminum	13900	mg/kg	13900	mg/kg	Route	1.4E-006	mg/kg-day	NA	N/A	--
	Antimony	14.9	mg/kg	14.9	mg/kg	Route	1.5E-009	mg/kg-day	NA	N/A	--
	Arsenic	92.1	mg/kg	92.1	mg/kg	Route	9.5E-009	mg/kg-day	1.5E+001	(mg/kg-day)-1	1.4E-007

301983

TABLE 8.4.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area A
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Barium	1170	mg/kg	1170	mg/kg	Route	1.2E-007	mg/kg-day	N/A	N/A	--
	Iron	32200	mg/kg	32200	mg/kg	Route	3.3E-006	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	556	mg/kg	556	mg/kg	Route	5.7E-008	mg/kg-day	NA	N/A	--
	Thallium	3.1	mg/kg	3.1	mg/kg	Route	3.2E-010	mg/kg-day	NA	N/A	--
										Total Risk Across All Exposure Routes/Pathways	5.6E-004

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.

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TABLE 8.4.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area A
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Ingestion	Benzene	0.001	mg/kg	0.001	mg/kg	Route	8.1E-011	mg/kg-day	5.5E-002	(mg/kg-day) -1	4.4E-012
	Trichloroethene	0.17	mg/kg	0.17	mg/kg	Route	1.4E-008	mg/kg-day	4.0E-001	(mg/kg-day) -1	5.5E-009
	Benzo(a)anthracene	3.1	mg/kg	3.1	mg/kg	Route	2.5E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.8E-007
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	2.3E-007	mg/kg-day	7.3E+000	(mg/kg/day)-1	1.7E-006
	Benzo(b)fluoranthene	4	mg/kg	4	mg/kg	Route	3.2E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	2.4E-007
	Dibenz(a,h)anthracene	0.49	mg/kg	0.49	mg/kg	Route	4.0E-008	mg/kg-day	7.3E+000	(mg/kg-day) -1	2.9E-007
	Indeno(1,2,3-cd)pyrene	0.97	mg/kg	0.97	mg/kg	Route	7.8E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	5.7E-008
	Aldrin	9.2	mg/kg	9.2	mg/kg	Route	7.4E-007	mg/kg-day	1.7E+001	(mg/kg/day)-1	1.3E-005
	Aroclor 1242	0.95	mg/kg	0.95	mg/kg	Route	7.7E-008	mg/kg-day	NA	N/A	--
	Aroclor 1254	340	mg/kg	340	mg/kg	Route	2.7E-005	mg/kg-day	NA	N/A	--
	Total PCBs	354	mg/kg	354	mg/kg	Route	2.9E-005	mg/kg-day	2.0E+000	(mg/kg/day)-1	5.7E-005
	Aluminum	13900	mg/kg	13900	mg/kg	Route	1.1E-003	mg/kg-day	NA	N/A	--
	Antimony	14.9	mg/kg	14.9	mg/kg	Route	1.2E-006	mg/kg-day	NA	N/A	--
	Arsenic	92.1	mg/kg	92.1	mg/kg	Route	7.4E-006	mg/kg-day	1.5E+000	(mg/kg/day)-1	1.1E-005
	Barium	1170	mg/kg	1170	mg/kg	Route	9.5E-005	mg/kg-day	NA	N/A	--
	Iron	32200	mg/kg	32200	mg/kg	Route	2.6E-003	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	556	mg/kg	556	mg/kg	Route	4.5E-005	mg/kg-day	NA	N/A	--
	Thallium	3.1	mg/kg	3.1	mg/kg	Route	2.5E-007	mg/kg-day	NA	N/A	--
Dermal Absorption	Benzene	0.001	mg/kg	0.001	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Trichloroethene	0.17	mg/kg	0.17	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Benzo(a)anthracene	3.1	mg/kg	3.1	mg/kg	Route	2.1E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.6E-008
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	1.9E-008	mg/kg-day	7.3E+000	(mg/kg/day)-1	1.4E-007
	Benzo(b)fluoranthene	4	mg/kg	4	mg/kg	Route	2.8E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	2.0E-008
	Dibenz(a,h)anthracene	0.49	mg/kg	0.49	mg/kg	Route	3.4E-009	mg/kg-day	7.3E+000	(mg/kg-day) -1	2.5E-008
	Indeno(1,2,3-cd)pyrene	0.97	mg/kg	0.97	mg/kg	Route	6.7E-009	mg/kg-day	7.3E-001	(mg/kg-day) -1	4.9E-009

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TABLE 8.4.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area A
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Aldrin	9.2	mg/kg	9.2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aroclor 1242	0.95	mg/kg	0.95	mg/kg	Route	7.1E-009	mg/kg-day	N/A	N/A	--
	Aroclor 1254	340	mg/kg	340	mg/kg	Route	2.5E-006	mg/kg-day	N/A	N/A	--
	Total PCBs	354	mg/kg	354	mg/kg	Route	2.6E-006	mg/kg-day	2.0E+000	(mg/kg/day)-1	5.3E-006
	Aluminum	13900	mg/kg	13900	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Antimony	14.9	mg/kg	14.9	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Arsenic	92.1	mg/kg	92.1	mg/kg	Route	1.5E-007	mg/kg-day	1.5E+000	(mg/kg/day)-1	2.2E-007
	Barium	1170	mg/kg	1170	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Iron	32200	mg/kg	32200	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Manganese	556	mg/kg	556	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Thallium	3.1	mg/kg	3.1	mg/kg	Route	N/A	N/A	N/A	N/A	--
Inhalation	Benzene	0.001	mg/kg	0.001	mg/kg	Route	2.7E-009	mg/kg-day	2.7E-002	(mg/kg-day)-1	7.4E-011
	Trichloroethene	0.17	mg/kg	0.17	mg/kg	Route	3.6E-007	mg/kg-day	4.0E-001	(mg/kg-day)-1	1.4E-007
	Benzo(a)anthracene	3.1	mg/kg	3.1	mg/kg	Route	2.2E-009	mg/kg-day	3.1E-001	(mg/kg-day)-1	6.9E-010
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	8.6E-010	mg/kg-day	3.1E+000	(mg/kg-day)-1	2.7E-009
	Benzo(b)fluoranthene	4	mg/kg	4	mg/kg	Route	5.6E-009	mg/kg-day	3.1E-001	(mg/kg-day)-1	1.7E-009
	Dibenz(a,h)anthracene	0.49	mg/kg	0.49	mg/kg	Route	4.9E-011	mg/kg-day	3.1E+000	(mg/kg-day)-1	1.5E-010
	Indeno(1,2,3-cd)pyrene	0.97	mg/kg	0.97	mg/kg	Route	1.4E-010	mg/kg-day	3.1E-001	(mg/kg-day)-1	4.4E-011
	Aldrin	9.2	mg/kg	9.2	mg/kg	Route	8.7E-009	mg/kg-day	1.7E+001	(mg/kg-day)-1	1.5E-007
	Aroclor 1242	0.95	mg/kg	0.95	mg/kg	Route	1.5E-008	mg/kg-day	NA	N/A	--
	Aroclor 1254	340	mg/kg	340	mg/kg	Route	5.5E-006	mg/kg-day	NA	N/A	--
	Total PCBs	354	mg/kg	354	mg/kg	Route	5.7E-006	mg/kg-day	4.0E-001	(mg/kg-day)-1	2.3E-006
	Aluminum	13900	mg/kg	13900	mg/kg	Route	3.7E-007	mg/kg-day	NA	N/A	--
	Antimony	14.9	mg/kg	14.9	mg/kg	Route	3.9E-010	mg/kg-day	NA	N/A	--
	Arsenic	92.1	mg/kg	92.1	mg/kg	Route	2.4E-009	mg/kg-day	1.5E+001	(mg/kg-day)-1	3.7E-008

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TABLE 8.4.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area A
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Barium	1170	mg/kg	1170	mg/kg	Route	3.1E-008	mg/kg-day	N/A	N/A	--
	Iron	32200	mg/kg	32200	mg/kg	Route	8.5E-007	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	556	mg/kg	556	mg/kg	Route	1.5E-008	mg/kg-day	NA	N/A	--
	Thallium	3.1	mg/kg	3.1	mg/kg	Route	8.2E-011	mg/kg-day	NA	N/A	--
										Total Risk Across All Exposure Routes/Pathways	9.2E-005

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.

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TABLE 8.5.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Ingestion	Benzene	0.009	mg/kg	0.009	mg/kg	Route	2.8E-009	mg/kg-day	5.5E-002	(mg/kg-day) -1	1.6E-010
	cis-1,2-Dichloroethene	9.8	mg/kg	9.8	mg/kg	Route	3.1E-006	mg/kg-day	NA	N/A	--
	Trichloroethene	0.56	mg/kg	0.56	mg/kg	Route	1.8E-007	mg/kg-day	4.0E-001	(mg/kg-day) -1	7.0E-008
	2-Methylnaphthalene	206	mg/kg	206	mg/kg	Route	6.5E-005	mg/kg-day	NA	N/A	--
	Acenaphthene	1251	mg/kg	1251	mg/kg	Route	3.9E-004	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	411	mg/kg	411	mg/kg	Route	1.3E-004	mg/kg-day	7.3E-001	(mg/kg-day) -1	9.4E-005
	Benzo(a)pyrene	233	mg/kg	233	mg/kg	Route	7.3E-005	mg/kg-day	7.3E+000	(mg/kg/day)-1	5.3E-004
	Benzo(b)fluoranthene	68	mg/kg	68	mg/kg	Route	2.1E-005	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.6E-005
	Benzo(k)fluoranthene	202	mg/kg	202	mg/kg	Route	6.4E-005	mg/kg-day	7.3E-002	(mg/kg-day) -1	4.6E-006
	Chrysene	371	mg/kg	371	mg/kg	Route	1.2E-004	mg/kg-day	7.3E-003	(mg/kg-day) -1	8.5E-007
	Dibenzofuran	759	mg/kg	759	mg/kg	Route	2.4E-004	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	30	mg/kg	30	mg/kg	Route	9.4E-006	mg/kg-day	7.3E+000	(mg/kg-day) -1	6.9E-005
	Fluoranthene	1787	mg/kg	1787	mg/kg	Route	5.6E-004	mg/kg-day	NA	N/A	--
	Fluorene	893	mg/kg	893	mg/kg	Route	2.8E-004	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	117	mg/kg	117	mg/kg	Route	3.7E-005	mg/kg-day	7.3E-001	(mg/kg-day) -1	2.7E-005
	Naphthalene	58	mg/kg	58	mg/kg	Route	1.8E-005	mg/kg-day	NA	N/A	--
	Phenanthrene	3127	mg/kg	3127	mg/kg	Route	9.8E-004	mg/kg-day	NA	N/A	--
	Pyrene	1162	mg/kg	1162	mg/kg	Route	3.7E-004	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	2.5E-009	mg/kg-day	1.5E+005	(mg/kg/day)-1	3.8E-004
	4,4'-DDE	541	mg/kg	541	mg/kg	Route	1.7E-004	mg/kg-day	3.4E-001	(mg/kg/day)-1	5.8E-005
	4,4'-DDT	20	mg/kg	20	mg/kg	Route	6.3E-006	mg/kg-day	3.4E-001	(mg/kg/day)-1	2.1E-006
	Acetophenone	0.34	mg/kg	0.34	mg/kg	Route	1.1E-007	mg/kg-day	NA	N/A	--
	alpha-BHC	2.4	mg/kg	2.4	mg/kg	Route	7.5E-007	mg/kg-day	6.3E+000	(mg/kg/day)-1	4.8E-006
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	7.2E-008	mg/kg-day	3.5E-001	(mg/kg/day)-1	2.5E-008
	Aroclor 1254	8664	mg/kg	8664	mg/kg	Route	2.7E-003	mg/kg-day	NA	N/A	--
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	6.9E-008	mg/kg-day	NA	N/A	--
	Dieldrin	91	mg/kg	91	mg/kg	Route	2.9E-005	mg/kg-day	1.6E+001	(mg/kg/day)-1	4.6E-004
	Endrin aldehyde	54	mg/kg	54	mg/kg	Route	1.7E-005	mg/kg-day	NA	N/A	--
	gamma-Chlordane	10	mg/kg	10	mg/kg	Route	3.1E-006	mg/kg-day	3.5E-001	(mg/kg/day)-1	1.1E-006
	Heptachlor	1.9	mg/kg	1.9	mg/kg	Route	6.0E-007	mg/kg-day	4.5E+000	(mg/kg/day)-1	2.7E-006
	Heptachlor epoxide	123	mg/kg	123	mg/kg	Route	3.9E-005	mg/kg-day	9.1E+000	(mg/kg/day)-1	3.5E-004
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	1.2E-006	mg/kg-day	1.5E+005	(mg/kg/day)-1	1.6E-001
	Nondioxin-like PCBs	31588	mg/kg	31588	mg/kg	Route	9.9E-003	mg/kg-day	2.0E+000	(mg/kg/day)-1	2.0E-002

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TABLE 8.5.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Total PCBs	9033	mg/kg	9033	mg/kg	Route	2.8E-003	mg/kg-day	2.0E+000	(mg/kg/day)-1	5.7E-003
	Aluminum	28009	mg/kg	28009	mg/kg	Route	8.8E-003	mg/kg-day	NA	N/A	--
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	2.3E-006	mg/kg-day	NA	N/A	--
	Arsenic	32	mg/kg	32	mg/kg	Route	1.0E-005	mg/kg-day	1.5E+000	(mg/kg/day)-1	1.5E-005
	Barium	543	mg/kg	543	mg/kg	Route	1.7E-004	mg/kg-day	NA	N/A	--
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	1.3E-005	mg/kg-day	NA	N/A	--
	Chromium	61	mg/kg	61	mg/kg	Route	1.9E-005	mg/kg-day	NA	N/A	--
	Cyanide	2	mg/kg	2	mg/kg	Route	6.3E-007	mg/kg-day	NA	N/A	--
	Iron	41575	mg/kg	41575	mg/kg	Route	1.3E-002	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	745	mg/kg	745	mg/kg	Route	2.3E-004	mg/kg-day	NA	N/A	--
	Thallium	3	mg/kg	3	mg/kg	Route	9.4E-007	mg/kg-day	NA	N/A	--
	Vanadium	63	mg/kg	63	mg/kg	Route	2.0E-005	mg/kg-day	NA	N/A	--
Dermal Absorption	Benzene	0.009	mg/kg	0.009	mg/kg	Route	N/A	N/A	N/A	N/A	--
	cis-1,2-Dichloroethene	9.8	mg/kg	9.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Trichloroethene	0.56	mg/kg	0.56	mg/kg	Route	N/A	N/A	N/A	N/A	--
	2-Methylnaphthalene	206	mg/kg	206	mg/kg	Route	5.6E-005	mg/kg-day	N/A	N/A	--
	Acenaphthene	1251	mg/kg	1251	mg/kg	Route	3.4E-004	mg/kg-day	N/A	N/A	--
	Benzo(a)anthracene	411	mg/kg	411	mg/kg	Route	1.1E-004	mg/kg-day	7.3E-001	(mg/kg-day) -1	8.1E-005
	Benzo(a)pyrene	233	mg/kg	233	mg/kg	Route	6.3E-005	mg/kg-day	7.3E+000	(mg/kg/day)-1	4.6E-004
	Benzo(b)fluoranthene	68	mg/kg	68	mg/kg	Route	1.8E-005	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.3E-005
	Benzo(k)fluoranthene	202	mg/kg	202	mg/kg	Route	5.5E-005	mg/kg-day	7.3E-002	(mg/kg-day) -1	4.0E-006
	Chrysene	371	mg/kg	371	mg/kg	Route	1.0E-004	mg/kg-day	7.3E-003	(mg/kg-day) -1	7.3E-007
	Dibenzofuran	759	mg/kg	759	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Dibenz(a,h)anthracene	30	mg/kg	30	mg/kg	Route	8.1E-006	mg/kg-day	7.3E+000	(mg/kg-day) -1	5.9E-005
	Fluoranthene	1787	mg/kg	1787	mg/kg	Route	4.8E-004	mg/kg-day	N/A	N/A	--
	Fluorene	893	mg/kg	893	mg/kg	Route	2.4E-004	mg/kg-day	N/A	N/A	--
	Indeno(1,2,3-cd)pyrene	117	mg/kg	117	mg/kg	Route	3.2E-005	mg/kg-day	7.3E-001	(mg/kg-day) -1	2.3E-005
	Naphthalene	58	mg/kg	58	mg/kg	Route	1.6E-005	mg/kg-day	N/A	N/A	--
	Phenanthrene	3127	mg/kg	3127	mg/kg	Route	8.4E-004	mg/kg-day	N/A	N/A	--
	Pyrene	1162	mg/kg	1162	mg/kg	Route	3.1E-004	mg/kg-day	N/A	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	5.0E-010	mg/kg-day	1.5E+005	(mg/kg/day)-1	7.5E-005
	4,4'-DDE	541	mg/kg	541	mg/kg	Route	N/A	N/A	N/A	N/A	--

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TABLE 8.5.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	4,4'-DDT	20	mg/kg	20	mg/kg	Route	1.2E-006	mg/kg-day	3.4E-001	(mg/kg/day)-1	4.2E-007
	Acetophenone	0.34	mg/kg	0.34	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-BHC	2.4	mg/kg	2.4	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aroclor 1254	8664	mg/kg	8664	mg/kg	Route	2.5E-003	mg/kg-day	N/A	N/A	--
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	6.4E-008	mg/kg-day	N/A	N/A	--
	Dieldrin	91	mg/kg	91	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin aldehyde	54	mg/kg	54	mg/kg	Route	N/A	N/A	N/A	N/A	--
	gamma-Chlordane	10	mg/kg	10	mg/kg	Route	8.3E-007	mg/kg-day	3.5E-001	(mg/kg/day)-1	2.9E-007
	Heptachlor	1.9	mg/kg	1.9	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor epoxide	123	mg/kg	123	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	2.4E-007	mg/kg-day	1.5E+005	(mg/kg/day)-1	3.5E-002
	Nondioxin-like PCBs	31588	mg/kg	31588	mg/kg	Route	9.2E-003	mg/kg-day	2.0E+000	(mg/kg/day)-1	1.8E-002
	Total PCBs	9033	mg/kg	9033	mg/kg	Route	2.6E-003	mg/kg-day	2.0E+000	(mg/kg/day)-1	5.3E-003
	Aluminum	28009	mg/kg	28009	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Arsenic	32	mg/kg	32	mg/kg	Route	2.0E-006	mg/kg-day	1.5E+000	(mg/kg/day)-1	3.0E-006
	Barium	543	mg/kg	543	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	8.3E-008	mg/kg-day	N/A	N/A	--
	Chromium	61	mg/kg	61	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cyanide	2	mg/kg	2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Iron	41575	mg/kg	41575	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Manganese	745	mg/kg	745	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Thallium	3	mg/kg	3	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vanadium	63	mg/kg	63	mg/kg	Route	N/A	N/A	N/A	N/A	--
Inhalation	Benzene	0.009	mg/kg	0.009	mg/kg	Route	9.5E-008	mg/kg-day	2.7E-002	(mg/kg-day)-1	2.6E-009
	cis-1,2-Dichloroethene	9.8	mg/kg	9.8	mg/kg	Route	1.0E-004	mg/kg-day	NA	N/A	--
	Trichloroethene	0.56	mg/kg	0.56	mg/kg	Route	4.6E-006	mg/kg-day	4.0E-001	(mg/kg-day)-1	1.8E-006
	2-Methylnaphthalene	206	mg/kg	206	mg/kg	Route	9.2E-005	mg/kg-day	NA	N/A	--
	Acenaphthene	1251	mg/kg	1251	mg/kg	Route	1.4E-004	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	411	mg/kg	411	mg/kg	Route	1.2E-006	mg/kg-day	3.1E-001	(mg/kg-day)-1	3.6E-007
	Benzo(a)pyrene	233	mg/kg	233	mg/kg	Route	2.8E-007	mg/kg-day	3.1E+000	(mg/kg-day)-1	8.6E-007

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TABLE 8.5.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Benzo(b)fluoranthene	68	mg/kg	68	mg/kg	Route	3.7E-007	mg/kg-day	3.1E-001	(mg/kg-day)-1	1.2E-007
	Benzo(k)fluoranthene	202	mg/kg	202	mg/kg	Route	1.6E-007	mg/kg-day	3.1E-002	(mg/kg-day)-1	5.0E-009
	Chrysene	371	mg/kg	371	mg/kg	Route	3.4E-006	mg/kg-day	3.1E-003	(mg/kg-day)-1	1.1E-008
	Dibenzofuran	759	mg/kg	759	mg/kg	Route	7.8E-008	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	30	mg/kg	30	mg/kg	Route	1.2E-008	mg/kg-day	3.1E+000	(mg/kg-day)-1	3.6E-008
	Fluoranthene	1787	mg/kg	1787	mg/kg	Route	1.5E-005	mg/kg-day	NA	N/A	--
	Fluorene	893	mg/kg	893	mg/kg	Route	4.4E-005	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	117	mg/kg	117	mg/kg	Route	6.7E-008	mg/kg-day	3.1E-001	(mg/kg-day)-1	2.1E-008
	Naphthalene	58	mg/kg	58	mg/kg	Route	2.6E-005	mg/kg-day	NA	N/A	--
	Phenanthrene	3127	mg/kg	3127	mg/kg	Route	2.1E-005	mg/kg-day	NA	N/A	--
	Pyrene	1162	mg/kg	1162	mg/kg	Route	7.8E-006	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	8.2E-013	mg/kg-day	1.5E+005	(mg/kg-day)-1	1.2E-007
	4,4'-DDE	541	mg/kg	541	mg/kg	Route	6.0E-007	mg/kg-day	NA	N/A	--
	4,4'-DDT	20	mg/kg	20	mg/kg	Route	1.9E-008	mg/kg-day	3.4E-001	(mg/kg-day)-1	6.4E-009
	Acetophenone	0.34	mg/kg	0.34	mg/kg	Route	3.5E-011	mg/kg-day	NA	N/A	--
	alpha-BHC	2.4	mg/kg	2.4	mg/kg	Route	1.1E-007	mg/kg-day	6.3E+000	(mg/kg-day)-1	6.9E-007
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	2.6E-009	mg/kg-day	3.5E-001	(mg/kg-day)-1	9.0E-010
	Aroclor 1254	8664	mg/kg	8664	mg/kg	Route	5.5E-004	mg/kg-day	NA	N/A	--
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	1.4E-008	mg/kg-day	NA	N/A	--
	Dieldrin	91	mg/kg	91	mg/kg	Route	1.1E-006	mg/kg-day	1.6E+001	(mg/kg-day)-1	1.7E-005
	Endrin aldehyde	54	mg/kg	54	mg/kg	Route	6.2E-007	mg/kg-day	NA	N/A	--
	gamma-Chlordane	10	mg/kg	10	mg/kg	Route	1.0E-009	mg/kg-day	3.5E-001	(mg/kg-day)-1	3.6E-010
	Heptachlor	1.9	mg/kg	1.9	mg/kg	Route	2.1E-008	mg/kg-day	4.6E+000	(mg/kg-day)-1	9.6E-008
	Heptachlor epoxide	123	mg/kg	123	mg/kg	Route	6.2E-007	mg/kg-day	9.1E+000	(mg/kg-day)-1	5.6E-006
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	3.9E-010	mg/kg-day	1.5E+005	(mg/kg-day)-1	5.9E-005
	Nondioxin-like PCBs	31588	mg/kg	31588	mg/kg	Route	2.0E-003	mg/kg-day	4.0E-001	(mg/kg-day)-1	8.0E-004
	Total PCBs	9033	mg/kg	9033	mg/kg	Route	5.7E-004	mg/kg-day	4.0E-001	(mg/kg-day)-1	2.3E-004
	Aluminum	28009	mg/kg	28009	mg/kg	Route	2.9E-006	mg/kg-day	NA	N/A	--
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	7.4E-010	mg/kg-day	NA	N/A	--
	Arsenic	32	mg/kg	32	mg/kg	Route	3.3E-009	mg/kg-day	1.5E+001	(mg/kg-day)-1	4.9E-008
	Arsenic	33	mg/kg	33	mg/kg	Route	1.0E+000	mg/kg-day	1.6E+001	(mg/kg-day)-2	1.0E+000
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	4.1E-009	mg/kg-day	6.3E+000	(mg/kg-day)-1	2.6E-008
	Chromium	61	mg/kg	61	mg/kg	Route	6.3E-009	mg/kg-day	NA	N/A	--

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TABLE 8.5.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Cyanide	2	mg/kg	2	mg/kg	Route	2.1E-010	mg/kg-day	NA	N/A	--
	Iron	41575	mg/kg	41575	mg/kg	Route	4.3E-006	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	745	mg/kg	745	mg/kg	Route	7.7E-008	mg/kg-day	NA	N/A	--
	Thallium	3	mg/kg	3	mg/kg	Route	3.1E-010	mg/kg-day	NA	N/A	--
	Vanadium	63	mg/kg	63	mg/kg	Route	6.5E-009	mg/kg-day	NA	N/A	--

Total Risk Across All Exposure Routes/Pathways (2) 1.4E-002

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 2.4E-001

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.
(2) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total.
Instead, these are shown as a separate line below the table.

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TABLE 8.5.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Ingestion	Benzene	0.009	mg/kg	0.009	mg/kg	Route	7.3E-010	mg/kg-day	5.5E-002	(mg/kg-day) -1	4.0E-011
	cis-1,2-Dichloroethene	9.8	mg/kg	9.8	mg/kg	Route	7.9E-007	mg/kg-day	NA	N/A	--
	Trichloroethene	0.56	mg/kg	0.56	mg/kg	Route	4.5E-008	mg/kg-day	4.0E-001	(mg/kg-day) -1	1.8E-008
	2-Methylnaphthalene	206	mg/kg	206	mg/kg	Route	1.7E-005	mg/kg-day	NA	N/A	--
	Acenaphthene	1251	mg/kg	1251	mg/kg	Route	1.0E-004	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	411	mg/kg	411	mg/kg	Route	3.3E-005	mg/kg-day	7.3E-001	(mg/kg-day) -1	2.4E-005
	Benzo(a)pyrene	233	mg/kg	233	mg/kg	Route	1.9E-005	mg/kg-day	7.3E+000	(mg/kg/day)-1	1.4E-004
	Benzo(b)fluoranthene	68	mg/kg	68	mg/kg	Route	5.5E-006	mg/kg-day	7.3E-001	(mg/kg-day) -1	4.0E-006
	Benzo(k)fluoranthene	202	mg/kg	202	mg/kg	Route	1.6E-005	mg/kg-day	7.3E-002	(mg/kg-day) -1	1.2E-006
	Chrysene	371	mg/kg	371	mg/kg	Route	3.0E-005	mg/kg-day	7.3E-003	(mg/kg-day) -1	2.2E-007
	Dibenzofuran	759	mg/kg	759	mg/kg	Route	6.1E-005	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	30	mg/kg	30	mg/kg	Route	2.4E-006	mg/kg-day	7.3E+000	(mg/kg-day) -1	1.8E-005
	Fluoranthene	1787	mg/kg	1787	mg/kg	Route	1.4E-004	mg/kg-day	NA	N/A	--
	Fluorene	893	mg/kg	893	mg/kg	Route	7.2E-005	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	117	mg/kg	117	mg/kg	Route	9.5E-006	mg/kg-day	7.3E-001	(mg/kg-day) -1	6.9E-006
	Naphthalene	58	mg/kg	58	mg/kg	Route	4.7E-006	mg/kg-day	NA	N/A	--
	Phenanthrene	3127	mg/kg	3127	mg/kg	Route	2.5E-004	mg/kg-day	NA	N/A	--
	Pyrene	1162	mg/kg	1162	mg/kg	Route	9.4E-005	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	6.5E-010	mg/kg-day	1.5E+005	(mg/kg/day)-1	9.7E-005
	4,4'-DDE	541	mg/kg	541	mg/kg	Route	4.4E-005	mg/kg-day	3.4E-001	(mg/kg/day)-1	1.5E-005
	4,4'-DDT	20	mg/kg	20	mg/kg	Route	1.6E-006	mg/kg-day	3.4E-001	(mg/kg/day)-1	5.5E-007
	Acetophenone	0.34	mg/kg	0.34	mg/kg	Route	2.7E-008	mg/kg-day	NA	N/A	--
	alpha-BHC	2.4	mg/kg	2.4	mg/kg	Route	1.9E-007	mg/kg-day	6.3E+000	(mg/kg/day)-1	1.2E-006
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	1.9E-008	mg/kg-day	3.5E-001	(mg/kg/day)-1	6.5E-009
	Aroclor 1254	8664	mg/kg	8664	mg/kg	Route	7.0E-004	mg/kg-day	NA	N/A	--
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	1.8E-008	mg/kg-day	NA	N/A	--
	Dieldrin	91	mg/kg	91	mg/kg	Route	7.4E-006	mg/kg-day	1.6E+001	(mg/kg/day)-1	1.2E-004
	Endrin aldehyde	54	mg/kg	54	mg/kg	Route	4.4E-006	mg/kg-day	NA	N/A	--
	gamma-Chlordane	10	mg/kg	10	mg/kg	Route	8.1E-007	mg/kg-day	3.5E-001	(mg/kg/day)-1	2.8E-007
	Heptachlor	1.9	mg/kg	1.9	mg/kg	Route	1.5E-007	mg/kg-day	4.5E+000	(mg/kg/day)-1	6.9E-007
	Heptachlor epoxide	123	mg/kg	123	mg/kg	Route	9.9E-006	mg/kg-day	9.1E+000	(mg/kg/day)-1	9.0E-005
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	3.1E-007	mg/kg-day	1.5E+005	(mg/kg/day)-1	4.5E-002
	Nondioxin-like PCBs	31588	mg/kg	31588	mg/kg	Route	2.6E-003	mg/kg-day	2.0E+000	(mg/kg/day)-1	5.1E-003

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TABLE 8.5.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Total PCBs	9033	mg/kg	9033	mg/kg	Route	7.3E-004	mg/kg-day	2.0E+000	(mg/kg/day)-1	1.5E-003
	Aluminum	28009	mg/kg	28009	mg/kg	Route	2.3E-003	mg/kg-day	NA	N/A	--
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	5.8E-007	mg/kg-day	NA	N/A	--
	Arsenic	32	mg/kg	32	mg/kg	Route	2.6E-006	mg/kg-day	1.5E+000	(mg/kg/day)-1	3.9E-006
	Barium	543	mg/kg	543	mg/kg	Route	4.4E-005	mg/kg-day	NA	N/A	--
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	3.2E-006	mg/kg-day	NA	N/A	--
	Chromium	61	mg/kg	61	mg/kg	Route	4.9E-006	mg/kg-day	NA	N/A	--
	Cyanide	2	mg/kg	2	mg/kg	Route	1.6E-007	mg/kg-day	NA	N/A	--
	Iron	41575	mg/kg	41575	mg/kg	Route	3.4E-003	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	745	mg/kg	745	mg/kg	Route	6.0E-005	mg/kg-day	NA	N/A	--
	Thallium	3	mg/kg	3	mg/kg	Route	2.4E-007	mg/kg-day	NA	N/A	--
	Vanadium	63	mg/kg	63	mg/kg	Route	5.1E-006	mg/kg-day	NA	N/A	--
Dermal Absorption	Benzene	0.009	mg/kg	0.009	mg/kg	Route	N/A	N/A	N/A	N/A	--
	cis-1,2-Dichloroethene	9.8	mg/kg	9.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Trichloroethene	0.56	mg/kg	0.56	mg/kg	Route	N/A	N/A	N/A	N/A	--
	2-Methylnaphthalene	206	mg/kg	206	mg/kg	Route	1.4E-006	mg/kg-day	N/A	N/A	--
	Acenaphthene	1251	mg/kg	1251	mg/kg	Route	8.7E-006	mg/kg-day	N/A	N/A	--
	Benzo(a)anthracene	411	mg/kg	411	mg/kg	Route	2.8E-006	mg/kg-day	7.3E-001	(mg/kg-day) -1	2.1E-006
	Benzo(a)pyrene	233	mg/kg	233	mg/kg	Route	1.6E-006	mg/kg-day	7.3E+000	(mg/kg/day)-1	1.2E-005
	Benzo(b)fluoranthene	68	mg/kg	68	mg/kg	Route	4.7E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	3.4E-007
	Benzo(k)fluoranthene	202	mg/kg	202	mg/kg	Route	1.4E-006	mg/kg-day	7.3E-002	(mg/kg-day) -1	1.0E-007
	Chrysene	371	mg/kg	371	mg/kg	Route	2.6E-006	mg/kg-day	7.3E-003	(mg/kg-day) -1	1.9E-008
	Dibenzofuran	759	mg/kg	759	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Dibenz(a,h)anthracene	30	mg/kg	30	mg/kg	Route	2.1E-007	mg/kg-day	7.3E+000	(mg/kg-day) -1	1.5E-006
	Fluoranthene	1787	mg/kg	1787	mg/kg	Route	1.2E-005	mg/kg-day	N/A	N/A	--
	Fluorene	893	mg/kg	893	mg/kg	Route	6.2E-006	mg/kg-day	N/A	N/A	--
	Indeno(1,2,3-cd)pyrene	117	mg/kg	117	mg/kg	Route	8.1E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	5.9E-007
	Naphthalene	58	mg/kg	58	mg/kg	Route	4.0E-007	mg/kg-day	N/A	N/A	--
	Phenanthrene	3127	mg/kg	3127	mg/kg	Route	2.2E-005	mg/kg-day	N/A	N/A	--
	Pyrene	1162	mg/kg	1162	mg/kg	Route	8.1E-006	mg/kg-day	N/A	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	1.3E-011	mg/kg-day	1.5E+005	(mg/kg/day)-1	1.9E-006
	4,4'-DDE	541	mg/kg	541	mg/kg	Route	N/A	N/A	N/A	N/A	--

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TABLE 8.5.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	4,4'-DDT	20	mg/kg	20	mg/kg	Route	3.2E-008	mg/kg-day	3.4E-001	(mg/kg/day)-1	1.1E-008
	Acetophenone	0.34	mg/kg	0.34	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-BHC	2.4	mg/kg	2.4	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aroclor 1254	8664	mg/kg	8664	mg/kg	Route	6.5E-005	mg/kg-day	N/A	N/A	--
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	1.6E-009	mg/kg-day	N/A	N/A	--
	Dieldrin	91	mg/kg	91	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin aldehyde	54	mg/kg	54	mg/kg	Route	N/A	N/A	N/A	N/A	--
	gamma-Chlordane	10	mg/kg	10	mg/kg	Route	2.1E-008	mg/kg-day	3.5E-001	(mg/kg/day)-1	7.5E-009
	Heptachlor	1.9	mg/kg	1.9	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor epoxide	123	mg/kg	123	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	6.1E-009	mg/kg-day	1.5E+005	(mg/kg/day)-1	9.1E-004
	Nondioxin-like PCBs	31588	mg/kg	31588	mg/kg	Route	2.4E-004	mg/kg-day	2.0E+000	(mg/kg/day)-1	4.7E-004
	Total PCBs	9033	mg/kg	9033	mg/kg	Route	6.7E-005	mg/kg-day	2.0E+000	(mg/kg/day)-1	1.3E-004
	Aluminum	28009	mg/kg	28009	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Arsenic	32	mg/kg	32	mg/kg	Route	5.1E-008	mg/kg-day	1.5E+000	(mg/kg/day)-1	7.7E-008
	Barium	543	mg/kg	543	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	2.1E-009	mg/kg-day	N/A	N/A	--
	Chromium	61	mg/kg	61	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cyanide	2	mg/kg	2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Iron	41575	mg/kg	41575	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Manganese	745	mg/kg	745	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Thallium	3	mg/kg	3	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vanadium	63	mg/kg	63	mg/kg	Route	N/A	N/A	N/A	N/A	--
Inhalation	Benzene	0.009	mg/kg	0.009	mg/kg	Route	2.4E-008	mg/kg-day	2.7E-002	(mg/kg-day)-1	6.7E-010
	cis-1,2-Dichloroethene	9.8	mg/kg	9.8	mg/kg	Route	2.7E-005	mg/kg-day	NA	N/A	--
	Trichloroethene	0.56	mg/kg	0.56	mg/kg	Route	1.2E-006	mg/kg-day	4.0E-001	(mg/kg-day)-1	4.7E-007
	2-Methylnaphthalene	206	mg/kg	206	mg/kg	Route	2.4E-005	mg/kg-day	NA	N/A	--
	Acenaphthene	1251	mg/kg	1251	mg/kg	Route	3.7E-005	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	411	mg/kg	411	mg/kg	Route	3.0E-007	mg/kg-day	3.1E-001	(mg/kg-day)-1	9.2E-008
	Benzo(a)pyrene	233	mg/kg	233	mg/kg	Route	7.2E-008	mg/kg-day	3.1E+000	(mg/kg-day)-1	2.2E-007

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TABLE 8.5.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Benzo(b)fluoranthene	68	mg/kg	68	mg/kg	Route	9.6E-008	mg/kg-day	3.1E-001	(mg/kg-day)-1	3.0E-008
	Benzo(k)fluoranthene	202	mg/kg	202	mg/kg	Route	4.1E-008	mg/kg-day	3.1E-002	(mg/kg-day)-1	1.3E-009
	Chrysene	371	mg/kg	371	mg/kg	Route	8.8E-007	mg/kg-day	3.1E-003	(mg/kg-day)-1	2.7E-009
	Dibenzofuran	759	mg/kg	759	mg/kg	Route	2.0E-008	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	30	mg/kg	30	mg/kg	Route	3.0E-009	mg/kg-day	3.1E+000	(mg/kg-day)-1	9.3E-009
	Fluoranthene	1787	mg/kg	1787	mg/kg	Route	3.8E-006	mg/kg-day	NA	N/A	--
	Fluorene	893	mg/kg	893	mg/kg	Route	1.1E-005	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	117	mg/kg	117	mg/kg	Route	1.7E-008	mg/kg-day	3.1E-001	(mg/kg-day)-1	5.3E-009
	Naphthalene	58	mg/kg	58	mg/kg	Route	6.7E-006	mg/kg-day	NA	N/A	--
	Phenanthrene	3127	mg/kg	3127	mg/kg	Route	5.4E-006	mg/kg-day	NA	N/A	--
	Pyrene	1162	mg/kg	1162	mg/kg	Route	2.0E-006	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	2.1E-013	mg/kg-day	1.5E+005	(mg/kg-day)-1	3.2E-008
	4,4'-DDE	541	mg/kg	541	mg/kg	Route	1.6E-007	mg/kg-day	NA	N/A	--
	4,4'-DDT	20	mg/kg	20	mg/kg	Route	4.8E-009	mg/kg-day	3.4E-001	(mg/kg-day)-1	1.6E-009
	Acetophenone	0.34	mg/kg	0.34	mg/kg	Route	9.0E-012	mg/kg-day	NA	N/A	--
	alpha-BHC	2.4	mg/kg	2.4	mg/kg	Route	2.8E-008	mg/kg-day	6.3E+000	(mg/kg-day)-1	1.8E-007
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	6.6E-010	mg/kg-day	3.5E-001	(mg/kg-day)-1	2.3E-010
	Aroclor 1254	8664	mg/kg	8664	mg/kg	Route	1.4E-004	mg/kg-day	NA	N/A	--
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	3.6E-009	mg/kg-day	NA	N/A	--
	Dieldrin	91	mg/kg	91	mg/kg	Route	2.8E-007	mg/kg-day	1.6E+001	(mg/kg-day)-1	4.4E-006
	Endrin aldehyde	54	mg/kg	54	mg/kg	Route	1.6E-007	mg/kg-day	NA	N/A	--
	gamma-Chlordane	10	mg/kg	10	mg/kg	Route	2.6E-010	mg/kg-day	3.5E-001	(mg/kg-day)-1	9.2E-011
	Heptachlor	1.9	mg/kg	1.9	mg/kg	Route	5.4E-009	mg/kg-day	4.6E+000	(mg/kg-day)-1	2.5E-008
	Heptachlor epoxide	123	mg/kg	123	mg/kg	Route	1.6E-007	mg/kg-day	9.1E+000	(mg/kg-day)-1	1.4E-006
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	1.0E-010	mg/kg-day	1.5E+005	(mg/kg-day)-1	1.5E-005
	Nondioxin-like PCBs	31588	mg/kg	31588	mg/kg	Route	5.1E-004	mg/kg-day	4.0E-001	(mg/kg-day)-1	2.0E-004
	Total PCBs	9033	mg/kg	9033	mg/kg	Route	1.5E-004	mg/kg-day	4.0E-001	(mg/kg-day)-1	5.8E-005
	Aluminum	28009	mg/kg	28009	mg/kg	Route	7.4E-007	mg/kg-day	NA	N/A	--
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	1.9E-010	mg/kg-day	NA	N/A	--
	Arsenic	32	mg/kg	32	mg/kg	Route	8.5E-010	mg/kg-day	1.5E+001	(mg/kg-day)-1	1.3E-008
	Barium	543	mg/kg	543	mg/kg	Route	1.4E-008	mg/kg-day	N/A	N/A	--
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	1.1E-009	mg/kg-day	6.3E+000	(mg/kg-day)-1	6.7E-009
	Chromium	61	mg/kg	61	mg/kg	Route	1.6E-009	mg/kg-day	NA	N/A	--

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TABLE 8.5.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Cyanide	2	mg/kg	2	mg/kg	Route	5.3E-011	mg/kg-day	NA	N/A	--
	Iron	41575	mg/kg	41575	mg/kg	Route	1.1E-006	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	745	mg/kg	745	mg/kg	Route	2.0E-008	mg/kg-day	NA	N/A	--
	Thallium	3	mg/kg	3	mg/kg	Route	7.9E-011	mg/kg-day	NA	N/A	--
	Vanadium	63	mg/kg	63	mg/kg	Route	1.7E-009	mg/kg-day	NA	N/A	--

Total Risk Across All Exposure Routes/Pathways (2) 2.2E-003

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 5.2E-002

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.
(2) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total.
Instead, these are shown as a separate line below the table.

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TABLE 8.6.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Ingestion	Benzene	0.009	mg/kg	0.009	mg/kg	Route	2.8E-009	mg/kg-day	5.5E-002	(mg/kg-day) -1	1.6E-010
	cis-1,2-Dichloroethene	0.07	mg/kg	0.07	mg/kg	Route	2.2E-008	mg/kg-day	NA	N/A	--
	Trichloroethene	0.09	mg/kg	0.09	mg/kg	Route	2.8E-008	mg/kg-day	4.0E-001	(mg/kg-day) -1	1.1E-008
	2-Methylnaphthalene	0.55	mg/kg	0.55	mg/kg	Route	1.7E-007	mg/kg-day	NA	N/A	--
	Acenaphthene	0.22	mg/kg	0.22	mg/kg	Route	6.9E-008	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	2.7	mg/kg	2.7	mg/kg	Route	8.5E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	6.2E-007
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	8.8E-007	mg/kg-day	7.3E+000	(mg/kg/day)-1	6.4E-006
	Benzo(b)fluoranthene	3.3	mg/kg	3.3	mg/kg	Route	1.0E-006	mg/kg-day	7.3E-001	(mg/kg-day) -1	7.6E-007
	Benzo(k)fluoranthene	2.65	mg/kg	2.65	mg/kg	Route	8.3E-007	mg/kg-day	7.3E-002	(mg/kg-day) -1	6.1E-008
	Chrysene	3.37	mg/kg	3.37	mg/kg	Route	1.1E-006	mg/kg-day	7.3E-003	(mg/kg-day) -1	7.7E-009
	Dibenzofuran	0.25	mg/kg	0.25	mg/kg	Route	7.9E-008	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	0.61	mg/kg	0.61	mg/kg	Route	1.9E-007	mg/kg-day	7.3E+000	(mg/kg-day) -1	1.4E-006
	Fluoranthene	3.8	mg/kg	3.8	mg/kg	Route	1.2E-006	mg/kg-day	NA	N/A	--
	Fluorene	0.27	mg/kg	0.27	mg/kg	Route	8.5E-008	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	2.28	mg/kg	2.28	mg/kg	Route	7.2E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	5.2E-007
	Naphthalene	0.37	mg/kg	0.37	mg/kg	Route	1.2E-007	mg/kg-day	NA	N/A	--
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	6.6E-007	mg/kg-day	NA	N/A	--
	Pyrene	5.4	mg/kg	5.4	mg/kg	Route	1.7E-006	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	2.5E-009	mg/kg-day	1.5E+005	(mg/kg/day)-1	3.8E-004
	4,4'-DDE	13.7	mg/kg	13.7	mg/kg	Route	4.3E-006	mg/kg-day	3.4E-001	(mg/kg/day)-1	1.5E-006
	4,4'-DDT	0.8	mg/kg	0.8	mg/kg	Route	2.5E-007	mg/kg-day	3.4E-001	(mg/kg/day)-1	8.6E-008
	Acetophenone	0.3	mg/kg	0.3	mg/kg	Route	9.4E-008	mg/kg-day	NA	N/A	--
	alpha-BHC	0.075	mg/kg	0.075	mg/kg	Route	2.4E-008	mg/kg-day	6.3E+000	(mg/kg/day)-1	1.5E-007
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	7.2E-008	mg/kg-day	3.5E-001	(mg/kg/day)-1	2.5E-008
	Aroclor 1254	544	mg/kg	544	mg/kg	Route	1.7E-004	mg/kg-day	NA	N/A	--
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	6.9E-008	mg/kg-day	NA	N/A	--
	Dieldrin	16.5	mg/kg	16.5	mg/kg	Route	5.2E-006	mg/kg-day	1.6E+001	(mg/kg/day)-1	8.3E-005
	Endrin aldehyde	3.5	mg/kg	3.5	mg/kg	Route	1.1E-006	mg/kg-day	NA	N/A	--
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	1.0E-007	mg/kg-day	3.5E-001	(mg/kg/day)-1	3.5E-008
	Heptachlor	0.41	mg/kg	0.41	mg/kg	Route	1.3E-007	mg/kg-day	4.5E+000	(mg/kg/day)-1	5.8E-007
	Heptachlor epoxide	6.7	mg/kg	6.7	mg/kg	Route	2.1E-006	mg/kg-day	9.1E+000	(mg/kg/day)-1	1.9E-005
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	1.2E-006	mg/kg-day	1.5E+005	(mg/kg/day)-1	1.6E-001
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	9.9E-003	mg/kg-day	2.0E+000	(mg/kg/day)-1	2.0E-002

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TABLE 8.6.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Total PCBs	926	mg/kg	926	mg/kg	Route	2.9E-004	mg/kg-day	2.0E+000	(mg/kg/day)-1	5.8E-004
	Aluminum	28009	mg/kg	28009	mg/kg	Route	8.8E-003	mg/kg-day	NA	N/A	--
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	2.3E-006	mg/kg-day	NA	N/A	--
	Arsenic	32	mg/kg	32	mg/kg	Route	1.0E-005	mg/kg-day	1.5E+000	(mg/kg/day)-1	1.5E-005
	Barium	381	mg/kg	381	mg/kg	Route	1.2E-004	mg/kg-day	NA	N/A	--
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	1.3E-005	mg/kg-day	NA	N/A	--
	Chromium	45	mg/kg	45	mg/kg	Route	1.4E-005	mg/kg-day	NA	N/A	--
	Cyanide	0.88	mg/kg	0.88	mg/kg	Route	2.8E-007	mg/kg-day	NA	N/A	--
	Iron	34473	mg/kg	34473	mg/kg	Route	1.1E-002	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	745	mg/kg	745	mg/kg	Route	2.3E-004	mg/kg-day	NA	N/A	--
	Thallium	1.7	mg/kg	1.7	mg/kg	Route	5.3E-007	mg/kg-day	NA	N/A	--
	Vanadium	55	mg/kg	55	mg/kg	Route	1.7E-005	mg/kg-day	NA	N/A	--
Dermal Absorption	Benzene	0.009	mg/kg	0.009	mg/kg	Route	N/A	N/A	N/A	N/A	--
	cis-1,2-Dichloroethene	0.07	mg/kg	0.07	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Trichloroethene	0.09	mg/kg	0.09	mg/kg	Route	N/A	N/A	N/A	N/A	--
	2-Methylnaphthalene	0.55	mg/kg	0.55	mg/kg	Route	1.5E-007	mg/kg-day	N/A	N/A	--
	Acenaphthene	0.22	mg/kg	0.22	mg/kg	Route	5.9E-008	mg/kg-day	N/A	N/A	--
	Benzo(a)anthracene	2.7	mg/kg	2.7	mg/kg	Route	7.3E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	5.3E-007
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	7.6E-007	mg/kg-day	7.3E+000	(mg/kg/day)-1	5.5E-006
	Benzo(b)fluoranthene	3.3	mg/kg	3.3	mg/kg	Route	8.9E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	6.5E-007
	Benzo(k)fluoranthene	2.65	mg/kg	2.65	mg/kg	Route	7.2E-007	mg/kg-day	7.3E-002	(mg/kg-day) -1	5.2E-008
	Chrysene	3.37	mg/kg	3.37	mg/kg	Route	9.1E-007	mg/kg-day	7.3E-003	(mg/kg-day) -1	6.6E-009
	Dibenzofuran	0.25	mg/kg	0.25	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Dibenz(a,h)anthracene	0.61	mg/kg	0.61	mg/kg	Route	1.6E-007	mg/kg-day	7.3E+000	(mg/kg-day) -1	1.2E-006
	Fluoranthene	3.8	mg/kg	3.8	mg/kg	Route	1.0E-006	mg/kg-day	N/A	N/A	--
	Fluorene	0.27	mg/kg	0.27	mg/kg	Route	7.3E-008	mg/kg-day	N/A	N/A	--
	Indeno(1,2,3-cd)pyrene	2.28	mg/kg	2.28	mg/kg	Route	6.2E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	4.5E-007
	Naphthalene	0.37	mg/kg	0.37	mg/kg	Route	1.0E-007	mg/kg-day	N/A	N/A	--
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	5.7E-007	mg/kg-day	N/A	N/A	--
	Pyrene	5.4	mg/kg	5.4	mg/kg	Route	1.5E-006	mg/kg-day	N/A	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	5.0E-010	mg/kg-day	1.5E+005	(mg/kg/day)-1	7.5E-005
	4,4'-DDE	13.7	mg/kg	13.7	mg/kg	Route	N/A	N/A	N/A	N/A	--

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TABLE 8.6.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	4,4'-DDT	0.8	mg/kg	0.8	mg/kg	Route	5.0E-008	mg/kg-day	3.4E-001	(mg/kg/day)-1	1.7E-008
	Acetophenone	0.3	mg/kg	0.3	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-BHC	0.075	mg/kg	0.075	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aroclor 1254	544	mg/kg	544	mg/kg	Route	1.6E-004	mg/kg-day	N/A	N/A	--
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	6.4E-008	mg/kg-day	N/A	N/A	--
	Dieldrin	16.5	mg/kg	16.5	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin aldehyde	3.5	mg/kg	3.5	mg/kg	Route	N/A	N/A	N/A	N/A	--
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	2.7E-008	mg/kg-day	3.5E-001	(mg/kg/day)-1	9.3E-009
	Heptachlor	0.41	mg/kg	0.41	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor epoxide	6.7	mg/kg	6.7	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	2.4E-007	mg/kg-day	1.5E+005	(mg/kg/day)-1	3.5E-002
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	9.2E-003	mg/kg-day	2.0E+000	(mg/kg/day)-1	1.8E-002
	Total PCBs	926	mg/kg	926	mg/kg	Route	2.7E-004	mg/kg-day	2.0E+000	(mg/kg/day)-1	5.4E-004
	Aluminum	28009	mg/kg	28009	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Arsenic	32	mg/kg	32	mg/kg	Route	2.0E-006	mg/kg-day	1.5E+000	(mg/kg/day)-1	3.0E-006
	Barium	381	mg/kg	381	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	8.3E-008	mg/kg-day	N/A	N/A	--
	Chromium	45	mg/kg	45	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cyanide	0.88	mg/kg	0.88	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Iron	34473	mg/kg	34473	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Manganese	745	mg/kg	745	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Thallium	1.7	mg/kg	1.7	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vanadium	55	mg/kg	55	mg/kg	Route	N/A	N/A	N/A	N/A	--
Inhalation	Benzene	0.009	mg/kg	0.009	mg/kg	Route	9.5E-008	mg/kg-day	2.7E-002	(mg/kg-day)-1	2.6E-009
	cis-1,2-Dichloroethene	0.07	mg/kg	0.07	mg/kg	Route	7.4E-007	mg/kg-day	NA	N/A	--
	Trichloroethene	0.09	mg/kg	0.09	mg/kg	Route	7.4E-007	mg/kg-day	4.0E-001	(mg/kg-day)-1	3.0E-007
	2-Methylnaphthalene	0.55	mg/kg	0.55	mg/kg	Route	2.5E-007	mg/kg-day	NA	N/A	--
	Acenaphthene	0.22	mg/kg	0.22	mg/kg	Route	2.5E-008	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	2.7	mg/kg	2.7	mg/kg	Route	7.6E-009	mg/kg-day	3.1E-001	(mg/kg-day)-1	2.4E-009
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	3.3E-009	mg/kg-day	3.1E+000	(mg/kg-day)-1	1.0E-008

302000

TABLE 8.6.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Benzo(b)fluoranthene	3.3	mg/kg	3.3	mg/kg	Route	1.8E-008	mg/kg-day	3.1E-001	(mg/kg-day)-1	5.6E-009
	Benzo(k)fluoranthene	2.65	mg/kg	2.65	mg/kg	Route	2.1E-009	mg/kg-day	3.1E-002	(mg/kg-day)-1	6.6E-011
	Chrysene	3.37	mg/kg	3.37	mg/kg	Route	3.1E-008	mg/kg-day	3.1E-003	(mg/kg-day)-1	9.7E-011
	Dibenzofuran	0.25	mg/kg	0.25	mg/kg	Route	2.6E-011	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	0.61	mg/kg	0.61	mg/kg	Route	2.4E-010	mg/kg-day	3.1E+000	(mg/kg-day)-1	7.4E-010
	Fluoranthene	3.8	mg/kg	3.8	mg/kg	Route	3.2E-008	mg/kg-day	NA	N/A	--
	Fluorene	0.27	mg/kg	0.27	mg/kg	Route	1.3E-008	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	2.28	mg/kg	2.28	mg/kg	Route	1.3E-009	mg/kg-day	3.1E-001	(mg/kg-day)-1	4.0E-010
	Naphthalene	0.37	mg/kg	0.37	mg/kg	Route	1.7E-007	mg/kg-day	NA	N/A	--
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	1.4E-008	mg/kg-day	NA	N/A	--
	Pyrene	5.4	mg/kg	5.4	mg/kg	Route	3.6E-008	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	8.2E-013	mg/kg-day	1.5E+005	(mg/kg-day)-1	1.2E-007
	4,4'-DDE	13.7	mg/kg	13.7	mg/kg	Route	1.5E-008	mg/kg-day	NA	N/A	--
	4,4'-DDT	0.8	mg/kg	0.8	mg/kg	Route	7.5E-010	mg/kg-day	3.4E-001	(mg/kg-day)-1	2.6E-010
	Acetophenone	0.3	mg/kg	0.3	mg/kg	Route	3.1E-011	mg/kg-day	NA	N/A	--
	alpha-BHC	0.075	mg/kg	0.075	mg/kg	Route	3.4E-009	mg/kg-day	6.3E+000	(mg/kg-day)-1	2.2E-008
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	2.6E-009	mg/kg-day	3.5E-001	(mg/kg-day)-1	9.0E-010
	Aroclor 1254	544	mg/kg	544	mg/kg	Route	3.4E-005	mg/kg-day	NA	N/A	--
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	1.4E-008	mg/kg-day	NA	N/A	--
	Dieldrin	16.5	mg/kg	16.5	mg/kg	Route	1.9E-007	mg/kg-day	1.6E+001	(mg/kg-day)-1	3.1E-006
	Endrin aldehyde	3.5	mg/kg	3.5	mg/kg	Route	4.0E-008	mg/kg-day	NA	N/A	--
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	3.3E-011	mg/kg-day	3.5E-001	(mg/kg-day)-1	1.2E-011
	Heptachlor	0.41	mg/kg	0.41	mg/kg	Route	4.6E-009	mg/kg-day	4.6E+000	(mg/kg-day)-1	2.1E-008
	Heptachlor epoxide	6.7	mg/kg	6.7	mg/kg	Route	3.4E-008	mg/kg-day	9.1E+000	(mg/kg-day)-1	3.1E-007
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	3.9E-010	mg/kg-day	1.5E+005	(mg/kg-day)-1	5.9E-005
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.0E-003	mg/kg-day	4.0E-001	(mg/kg-day)-1	7.9E-004
	Total PCBs	926	mg/kg	926	mg/kg	Route	5.8E-005	mg/kg-day	4.0E-001	(mg/kg-day)-1	2.3E-005
	Aluminum	28009	mg/kg	28009	mg/kg	Route	2.9E-006	mg/kg-day	NA	N/A	--
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	7.4E-010	mg/kg-day	NA	N/A	--
	Arsenic	32	mg/kg	32	mg/kg	Route	3.3E-009	mg/kg-day	1.5E+001	(mg/kg-day)-1	4.9E-008
	Barium	381	mg/kg	381	mg/kg	Route	3.9E-008	mg/kg-day	N/A	N/A	--
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	4.1E-009	mg/kg-day	6.3E+000	(mg/kg-day)-1	2.6E-008
	Chromium	45	mg/kg	45	mg/kg	Route	4.6E-009	mg/kg-day	NA	N/A	--

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TABLE 8.6.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Cyanide	0.88	mg/kg	0.88	mg/kg	Route	9.0E-011	mg/kg-day	NA	N/A	--
	Iron	34473	mg/kg	34473	mg/kg	Route	3.5E-006	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	745	mg/kg	745	mg/kg	Route	7.7E-008	mg/kg-day	NA	N/A	--
	Thallium	1.7	mg/kg	1.7	mg/kg	Route	1.7E-010	mg/kg-day	NA	N/A	--
	Vanadium	55	mg/kg	55	mg/kg	Route	5.7E-009	mg/kg-day	NA	N/A	--
										Total Risk Across All Exposure Routes/Pathways (2)	1.7E-003
										(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs)	2.4E-001

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.
(2) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table.

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TABLE 8.6.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Ingestion	Benzene	0.009	mg/kg	0.009	mg/kg	Route	7.3E-010	mg/kg-day	5.5E-002	(mg/kg-day) -1	4.0E-011
	cis-1,2-Dichloroethene	0.07	mg/kg	0.07	mg/kg	Route	5.7E-009	mg/kg-day	NA	N/A	--
	Trichloroethene	0.09	mg/kg	0.09	mg/kg	Route	7.3E-009	mg/kg-day	4.0E-001	(mg/kg-day) -1	2.9E-009
	2-Methylnaphthalene	0.55	mg/kg	0.55	mg/kg	Route	4.4E-008	mg/kg-day	NA	N/A	--
	Acenaphthene	0.22	mg/kg	0.22	mg/kg	Route	1.8E-008	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	2.7	mg/kg	2.7	mg/kg	Route	2.2E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.6E-007
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	2.3E-007	mg/kg-day	7.3E+000	(mg/kg/day)-1	1.7E-006
	Benzo(b)fluoranthene	3.3	mg/kg	3.3	mg/kg	Route	2.7E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.9E-007
	Benzo(k)fluoranthene	2.65	mg/kg	2.65	mg/kg	Route	2.1E-007	mg/kg-day	7.3E-002	(mg/kg-day) -1	1.6E-008
	Chrysene	3.37	mg/kg	3.37	mg/kg	Route	2.7E-007	mg/kg-day	7.3E-003	(mg/kg-day) -1	2.0E-009
	Dibenzofuran	0.25	mg/kg	0.25	mg/kg	Route	2.0E-008	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	0.61	mg/kg	0.61	mg/kg	Route	4.9E-008	mg/kg-day	7.3E+000	(mg/kg-day) -1	3.6E-007
	Fluoranthene	3.8	mg/kg	3.8	mg/kg	Route	3.1E-007	mg/kg-day	NA	N/A	--
	Fluorene	0.27	mg/kg	0.27	mg/kg	Route	2.2E-008	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	2.28	mg/kg	2.28	mg/kg	Route	1.8E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.3E-007
	Naphthalene	0.37	mg/kg	0.37	mg/kg	Route	3.0E-008	mg/kg-day	NA	N/A	--
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	1.7E-007	mg/kg-day	NA	N/A	--
	Pyrene	5.4	mg/kg	5.4	mg/kg	Route	4.4E-007	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	6.5E-010	mg/kg-day	1.5E+005	(mg/kg/day)-1	9.7E-005
	4,4'-DDE	13.7	mg/kg	13.7	mg/kg	Route	1.1E-006	mg/kg-day	3.4E-001	(mg/kg/day)-1	3.8E-007
	4,4'-DDT	0.8	mg/kg	0.8	mg/kg	Route	6.5E-008	mg/kg-day	3.4E-001	(mg/kg/day)-1	2.2E-008
	Acetophenone	0.3	mg/kg	0.3	mg/kg	Route	2.4E-008	mg/kg-day	NA	N/A	--
	alpha-BHC	0.075	mg/kg	0.075	mg/kg	Route	6.1E-009	mg/kg-day	6.3E+000	(mg/kg/day)-1	3.8E-008
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	1.9E-008	mg/kg-day	3.5E-001	(mg/kg/day)-1	6.5E-009
	Aroclor 1254	544	mg/kg	544	mg/kg	Route	4.4E-005	mg/kg-day	NA	N/A	--
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	1.8E-008	mg/kg-day	NA	N/A	--
	Dieldrin	16.5	mg/kg	16.5	mg/kg	Route	1.3E-006	mg/kg-day	1.6E+001	(mg/kg/day)-1	2.1E-005
	Endrin aldehyde	3.5	mg/kg	3.5	mg/kg	Route	2.8E-007	mg/kg-day	NA	N/A	--
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	2.6E-008	mg/kg-day	3.5E-001	(mg/kg/day)-1	9.1E-009
	Heptachlor	0.41	mg/kg	0.41	mg/kg	Route	3.3E-008	mg/kg-day	4.5E+000	(mg/kg/day)-1	1.5E-007
	Heptachlor epoxide	6.7	mg/kg	6.7	mg/kg	Route	5.4E-007	mg/kg-day	9.1E+000	(mg/kg/day)-1	4.9E-006
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	3.1E-007	mg/kg-day	1.5E+005	(mg/kg/day)-1	4.5E-002
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.6E-003	mg/kg-day	2.0E+000	(mg/kg/day)-1	5.1E-003

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TABLE 8.6.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Total PCBs	926	mg/kg	926	mg/kg	Route	7.5E-005	mg/kg-day	2.0E+000	(mg/kg/day)-1	1.5E-004
	Aluminum	28009	mg/kg	28009	mg/kg	Route	2.3E-003	mg/kg-day	NA	N/A	--
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	5.8E-007	mg/kg-day	NA	N/A	--
	Arsenic	32	mg/kg	32	mg/kg	Route	2.6E-006	mg/kg-day	1.5E+000	(mg/kg/day)-1	3.9E-006
	Barium	381	mg/kg	381	mg/kg	Route	3.1E-005	mg/kg-day	NA	N/A	--
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	3.2E-006	mg/kg-day	NA	N/A	--
	Chromium	45	mg/kg	45	mg/kg	Route	3.6E-006	mg/kg-day	NA	N/A	--
	Cyanide	0.88	mg/kg	0.88	mg/kg	Route	7.1E-008	mg/kg-day	NA	N/A	--
	Iron	34473	mg/kg	34473	mg/kg	Route	2.8E-003	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	745	mg/kg	745	mg/kg	Route	6.0E-005	mg/kg-day	NA	N/A	--
	Thallium	1.7	mg/kg	1.7	mg/kg	Route	1.4E-007	mg/kg-day	NA	N/A	--
	Vanadium	55	mg/kg	55	mg/kg	Route	4.4E-006	mg/kg-day	NA	N/A	--
Dermal Absorption	Benzene	0.009	mg/kg	0.009	mg/kg	Route	N/A	N/A	N/A	N/A	--
	cis-1,2-Dichloroethene	0.07	mg/kg	0.07	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Trichloroethene	0.09	mg/kg	0.09	mg/kg	Route	N/A	N/A	N/A	N/A	--
	2-Methylnaphthalene	0.55	mg/kg	0.55	mg/kg	Route	3.8E-009	mg/kg-day	N/A	N/A	--
	Acenaphthene	0.22	mg/kg	0.22	mg/kg	Route	1.5E-009	mg/kg-day	N/A	N/A	--
	Benzo(a)anthracene	2.7	mg/kg	2.7	mg/kg	Route	1.9E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.4E-008
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	1.9E-008	mg/kg-day	7.3E+000	(mg/kg/day)-1	1.4E-007
	Benzo(b)fluoranthene	3.3	mg/kg	3.3	mg/kg	Route	2.3E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.7E-008
	Benzo(k)fluoranthene	2.65	mg/kg	2.65	mg/kg	Route	1.8E-008	mg/kg-day	7.3E-002	(mg/kg-day) -1	1.3E-009
	Chrysene	3.37	mg/kg	3.37	mg/kg	Route	2.3E-008	mg/kg-day	7.3E-003	(mg/kg-day) -1	1.7E-010
	Dibenzofuran	0.25	mg/kg	0.25	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Dibenz(a,h)anthracene	0.61	mg/kg	0.61	mg/kg	Route	4.2E-009	mg/kg-day	7.3E+000	(mg/kg-day) -1	3.1E-008
	Fluoranthene	3.8	mg/kg	3.8	mg/kg	Route	2.6E-008	mg/kg-day	N/A	N/A	--
	Fluorene	0.27	mg/kg	0.27	mg/kg	Route	1.9E-009	mg/kg-day	N/A	N/A	--
	Indeno(1,2,3-cd)pyrene	2.28	mg/kg	2.28	mg/kg	Route	1.6E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.2E-008
	Naphthalene	0.37	mg/kg	0.37	mg/kg	Route	2.6E-009	mg/kg-day	N/A	N/A	--
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	1.5E-008	mg/kg-day	N/A	N/A	--
	Pyrene	5.4	mg/kg	5.4	mg/kg	Route	3.7E-008	mg/kg-day	N/A	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	1.3E-011	mg/kg-day	1.5E+005	(mg/kg/day)-1	1.9E-006
	4,4'-DDE	13.7	mg/kg	13.7	mg/kg	Route	N/A	N/A	N/A	N/A	--

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TABLE 8.6.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	4,4'-DDT	0.8	mg/kg	0.8	mg/kg	Route	1.3E-009	mg/kg-day	3.4E-001	(mg/kg/day)-1	4.4E-010
	Acetophenone	0.3	mg/kg	0.3	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-BHC	0.075	mg/kg	0.075	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aroclor 1254	544	mg/kg	544	mg/kg	Route	4.1E-006	mg/kg-day	N/A	N/A	--
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	1.6E-009	mg/kg-day	N/A	N/A	--
	Dieldrin	16.5	mg/kg	16.5	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin aldehyde	3.5	mg/kg	3.5	mg/kg	Route	N/A	N/A	N/A	N/A	--
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	6.8E-010	mg/kg-day	3.5E-001	(mg/kg/day)-1	2.4E-010
	Heptachlor	0.41	mg/kg	0.41	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor epoxide	6.7	mg/kg	6.7	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	6.1E-009	mg/kg-day	1.5E+005	(mg/kg/day)-1	9.1E-004
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.4E-004	mg/kg-day	2.0E+000	(mg/kg/day)-1	4.7E-004
	Total PCBs	926	mg/kg	926	mg/kg	Route	6.9E-006	mg/kg-day	2.0E+000	(mg/kg/day)-1	1.4E-005
	Aluminum	28009	mg/kg	28009	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Arsenic	32	mg/kg	32	mg/kg	Route	5.1E-008	mg/kg-day	1.5E+000	(mg/kg/day)-1	7.7E-008
	Barium	381	mg/kg	381	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	2.1E-009	mg/kg-day	N/A	N/A	--
	Chromium	45	mg/kg	45	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cyanide	0.88	mg/kg	0.88	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Iron	34473	mg/kg	34473	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Manganese	745	mg/kg	745	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Thallium	1.7	mg/kg	1.7	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vanadium	55	mg/kg	55	mg/kg	Route	N/A	N/A	N/A	N/A	--
Inhalation	Benzene	0.009	mg/kg	0.009	mg/kg	Route	2.4E-008	mg/kg-day	2.7E-002	(mg/kg-day)-1	6.7E-010
	cis-1,2-Dichloroethene	0.07	mg/kg	0.07	mg/kg	Route	1.9E-007	mg/kg-day	NA	N/A	--
	Trichloroethene	0.09	mg/kg	0.09	mg/kg	Route	1.9E-007	mg/kg-day	4.0E-001	(mg/kg-day)-1	7.6E-008
	2-Methylnaphthalene	0.55	mg/kg	0.55	mg/kg	Route	6.3E-008	mg/kg-day	NA	N/A	--
	Acenaphthene	0.22	mg/kg	0.22	mg/kg	Route	6.4E-009	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	2.7	mg/kg	2.7	mg/kg	Route	2.0E-009	mg/kg-day	3.1E-001	(mg/kg-day)-1	6.0E-010
	Benzo(a)pyrene	2.8	mg/kg	2.8	mg/kg	Route	8.6E-010	mg/kg-day	3.1E+000	(mg/kg-day)-1	2.7E-009

302005

TABLE 8.6.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Benzo(b)fluoranthene	3.3	mg/kg	3.3	mg/kg	Route	4.6E-009	mg/kg-day	3.1E-001	(mg/kg-day)-1	1.4E-009
	Benzo(k)fluoranthene	2.65	mg/kg	2.65	mg/kg	Route	5.4E-010	mg/kg-day	3.1E-002	(mg/kg-day)-1	1.7E-011
	Chrysene	3.37	mg/kg	3.37	mg/kg	Route	8.0E-009	mg/kg-day	3.1E-003	(mg/kg-day)-1	2.5E-011
	Dibenzofuran	0.25	mg/kg	0.25	mg/kg	Route	6.6E-012	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	0.61	mg/kg	0.61	mg/kg	Route	6.1E-011	mg/kg-day	3.1E+000	(mg/kg-day)-1	1.9E-010
	Fluoranthene	3.8	mg/kg	3.8	mg/kg	Route	8.1E-009	mg/kg-day	NA	N/A	--
	Fluorene	0.27	mg/kg	0.27	mg/kg	Route	3.4E-009	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	2.28	mg/kg	2.28	mg/kg	Route	3.4E-010	mg/kg-day	3.1E-001	(mg/kg-day)-1	1.0E-010
	Naphthalene	0.37	mg/kg	0.37	mg/kg	Route	4.2E-008	mg/kg-day	NA	N/A	--
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	3.6E-009	mg/kg-day	NA	N/A	--
	Pyrene	5.4	mg/kg	5.4	mg/kg	Route	9.3E-009	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	2.1E-013	mg/kg-day	1.5E+005	(mg/kg-day)-1	3.2E-008
	4,4'-DDE	13.7	mg/kg	13.7	mg/kg	Route	3.9E-009	mg/kg-day	NA	N/A	--
	4,4'-DDT	0.8	mg/kg	0.8	mg/kg	Route	1.9E-010	mg/kg-day	3.4E-001	(mg/kg-day)-1	6.6E-011
	Acetophenone	0.3	mg/kg	0.3	mg/kg	Route	7.9E-012	mg/kg-day	NA	N/A	--
	alpha-BHC	0.075	mg/kg	0.075	mg/kg	Route	8.8E-010	mg/kg-day	6.3E+000	(mg/kg-day)-1	5.5E-009
	alpha-chlordane	0.23	mg/kg	0.23	mg/kg	Route	6.6E-010	mg/kg-day	3.5E-001	(mg/kg-day)-1	2.3E-010
	Aroclor 1254	544	mg/kg	544	mg/kg	Route	8.8E-006	mg/kg-day	NA	N/A	--
	Aroclor 1260	0.22	mg/kg	0.22	mg/kg	Route	3.6E-009	mg/kg-day	NA	N/A	--
	Dieldrin	16.5	mg/kg	16.5	mg/kg	Route	5.0E-008	mg/kg-day	1.6E+001	(mg/kg-day)-1	8.1E-007
	Endrin aldehyde	3.5	mg/kg	3.5	mg/kg	Route	1.0E-008	mg/kg-day	NA	N/A	--
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	8.5E-012	mg/kg-day	3.5E-001	(mg/kg-day)-1	3.0E-012
	Heptachlor	0.41	mg/kg	0.41	mg/kg	Route	1.2E-009	mg/kg-day	4.6E+000	(mg/kg-day)-1	5.3E-009
	Heptachlor epoxide	6.7	mg/kg	6.7	mg/kg	Route	8.6E-009	mg/kg-day	9.1E+000	(mg/kg-day)-1	7.9E-008
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	1.0E-010	mg/kg-day	1.5E+005	(mg/kg-day)-1	1.5E-005
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	5.1E-004	mg/kg-day	4.0E-001	(mg/kg-day)-1	2.0E-004
	Total PCBs	926	mg/kg	926	mg/kg	Route	1.5E-005	mg/kg-day	4.0E-001	(mg/kg-day)-1	6.0E-006
	Aluminum	28009	mg/kg	28009	mg/kg	Route	7.4E-007	mg/kg-day	NA	N/A	--
	Antimony	7.2	mg/kg	7.2	mg/kg	Route	1.9E-010	mg/kg-day	NA	N/A	--
	Arsenic	32	mg/kg	32	mg/kg	Route	8.5E-010	mg/kg-day	1.5E+001	(mg/kg-day)-1	1.3E-008
	Barium	381	mg/kg	381	mg/kg	Route	1.0E-008	mg/kg-day	N/A	N/A	--
	Cadmium	40.2	mg/kg	40.2	mg/kg	Route	1.1E-009	mg/kg-day	6.3E+000	(mg/kg-day)-1	6.7E-009
	Chromium	45	mg/kg	45	mg/kg	Route	1.2E-009	mg/kg-day	NA	N/A	--

302006

TABLE 8.6.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Cyanide	0.88	mg/kg	0.88	mg/kg	Route	2.3E-011	mg/kg-day	NA	N/A	--
	Iron	34473	mg/kg	34473	mg/kg	Route	9.1E-007	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	745	mg/kg	745	mg/kg	Route	2.0E-008	mg/kg-day	NA	N/A	--
	Thallium	1.7	mg/kg	1.7	mg/kg	Route	4.5E-011	mg/kg-day	NA	N/A	--
	Vanadium	55	mg/kg	55	mg/kg	Route	1.5E-009	mg/kg-day	NA	N/A	--

Total Risk Across All Exposure Routes/Pathways (2) 3.0E-004

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 5.2E-002

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.
(2) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table.

302007

TABLE 8.7.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current/ Future
Medium: Building Dust
Exposure Medium: Building Dust
Exposure Point: Building Interior
Receptor Population: Site Worker (Indoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Ingestion	Aroclor 1254	2071	mg/kg	2071	mg/kg	Route	3.6E-004	mg/kg-day	NA	N/A	--
	Aluminum	16818	mg/kg	16818	mg/kg	Route	2.9E-003	mg/kg-day	NA	N/A	--
	Antimony	72.6	mg/kg	72.6	mg/kg	Route	1.3E-005	mg/kg-day	NA	N/A	--
	Arsenic	19.3	mg/kg	19.3	mg/kg	Route	3.4E-006	mg/kg-day	1.5E+000	(mg/kg/day)-1	5.1E-006
	Barium	3527	mg/kg	3527	mg/kg	Route	6.2E-004	mg/kg-day	NA	N/A	--
	Cadmium	116	mg/kg	116	mg/kg	Route	2.0E-005	mg/kg-day	NA	N/A	--
	Chromium	421	mg/kg	421	mg/kg	Route	7.4E-005	mg/kg-day	NA	N/A	--
	Copper	9016	mg/kg	9016	mg/kg	Route	1.6E-003	mg/kg-day	NA	N/A	--
	Iron	134860	mg/kg	134860	mg/kg	Route	2.4E-002	mg/kg-day	NA	N/A	--
	Lead	11219	mg/kg	11219	mg/kg	Route	2.0E-003	mg/kg-day	NA	N/A	--
	Manganese	839	mg/kg	839	mg/kg	Route	1.5E-004	mg/kg-day	NA	N/A	--
	Mercury	5	mg/kg	5	mg/kg	Route	8.7E-007	mg/kg-day	NA	N/A	--
	Nickel	154	mg/kg	154	mg/kg	Route	2.7E-005	mg/kg-day	NA	N/A	--
	Silver	22.3	mg/kg	22.3	mg/kg	Route	3.9E-006	mg/kg-day	NA	N/A	--
	Thallium	7	mg/kg	7	mg/kg	Route	1.2E-006	mg/kg-day	NA	N/A	--
	Vanadium	91	mg/kg	91	mg/kg	Route	1.6E-005	mg/kg-day	NA	N/A	--
	Zinc	7349	mg/kg	7349	mg/kg	Route	1.3E-003	mg/kg-day	NA	N/A	--
Dermal Absorption	Aroclor 1254	2071	mg/kg	2071	mg/kg	Route	6.7E-004	mg/kg-day	N/A	N/A	--
	Aluminum	16818	mg/kg	16818	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Antimony	72.6	mg/kg	72.6	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Arsenic	19.3	mg/kg	19.3	mg/kg	Route	1.3E-006	mg/kg-day	1.5E+000	(mg/kg/day)-1	2.0E-006
	Barium	3527	mg/kg	3527	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cadmium	116	mg/kg	116	mg/kg	Route	2.7E-007	mg/kg-day	N/A	N/A	--
	Chromium	421	mg/kg	421	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Copper	9016	mg/kg	9016	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Iron	134860	mg/kg	134860	mg/kg	Route	N/A	N/A	N/A	N/A	--

302008

TABLE 8.7.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current/ Future
Medium: Building Dust
Exposure Medium: Building Dust
Exposure Point: Building Interior
Receptor Population: Site Worker (Indoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Lead	11219	mg/kg	11219	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Manganese	839	mg/kg	839	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Mercury	5	mg/kg	5	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Nickel	154	mg/kg	154	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Silver	22.3	mg/kg	22.3	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Thallium	7	mg/kg	7	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vanadium	91	mg/kg	91	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Zinc	7349	mg/kg	7349	mg/kg	Route	N/A	N/A	N/A	N/A	--
										Total Risk Across All Exposure Routes/Pathways	7.1E-006

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.

302009

TABLE 8.7.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current/ Future
Medium: Building Dust
Exposure Medium: Building Dust
Exposure Point: Building Interior
Receptor Population: Site Worker (Indoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Ingestion	Aroclor 1254	2071	mg/kg	2071	mg/kg	Route	8.4E-005	mg/kg-day	NA	N/A	--
	Aluminum	16818	mg/kg	16818	mg/kg	Route	6.8E-004	mg/kg-day	NA	N/A	--
	Antimony	72.6	mg/kg	72.6	mg/kg	Route	2.9E-006	mg/kg-day	NA	N/A	--
	Arsenic	19.3	mg/kg	19.3	mg/kg	Route	7.8E-007	mg/kg-day	1.5E+000	(mg/kg/day)-1	1.2E-006
	Barium	3527	mg/kg	3527	mg/kg	Route	1.4E-004	mg/kg-day	NA	N/A	--
	Cadmium	116	mg/kg	116	mg/kg	Route	4.7E-006	mg/kg-day	NA	N/A	--
	Chromium	421	mg/kg	421	mg/kg	Route	1.7E-005	mg/kg-day	NA	N/A	--
	Copper	9016	mg/kg	9016	mg/kg	Route	3.6E-004	mg/kg-day	NA	N/A	--
	Iron	134860	mg/kg	134860	mg/kg	Route	5.4E-003	mg/kg-day	NA	N/A	--
	Lead	11219	mg/kg	11219	mg/kg	Route	4.5E-004	mg/kg-day	NA	N/A	--
	Manganese	839	mg/kg	839	mg/kg	Route	3.4E-005	mg/kg-day	NA	N/A	--
	Mercury	5	mg/kg	5	mg/kg	Route	2.0E-007	mg/kg-day	NA	N/A	--
	Nickel	154	mg/kg	154	mg/kg	Route	6.2E-006	mg/kg-day	NA	N/A	--
	Silver	22.3	mg/kg	22.3	mg/kg	Route	9.0E-007	mg/kg-day	NA	N/A	--
	Thallium	7	mg/kg	7	mg/kg	Route	2.8E-007	mg/kg-day	NA	N/A	--
	Vanadium	91	mg/kg	91	mg/kg	Route	3.7E-006	mg/kg-day	NA	N/A	--
	Zinc	7349	mg/kg	7349	mg/kg	Route	3.0E-004	mg/kg-day	NA	N/A	--
Dermal Absorption	Aroclor 1254	2071	mg/kg	2071	mg/kg	Route	1.5E-005	mg/kg-day	N/A	N/A	--
	Aluminum	16818	mg/kg	16818	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Antimony	72.6	mg/kg	72.6	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Arsenic	19.3	mg/kg	19.3	mg/kg	Route	3.1E-008	mg/kg-day	1.5E+000	(mg/kg/day)-1	4.6E-008
	Barium	3527	mg/kg	3527	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cadmium	116	mg/kg	116	mg/kg	Route	6.2E-009	mg/kg-day	N/A	N/A	--
	Chromium	421	mg/kg	421	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Copper	9016	mg/kg	9016	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Iron	134860	mg/kg	134860	mg/kg	Route	N/A	N/A	N/A	N/A	--

302010

TABLE 8.7.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current/ Future
Medium: Building Dust
Exposure Medium: Building Dust
Exposure Point: Building Interior
Receptor Population: Site Worker (Indoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Lead	11219	mg/kg	11219	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Manganese	839	mg/kg	839	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Mercury	5	mg/kg	5	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Nickel	154	mg/kg	154	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Silver	22.3	mg/kg	22.3	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Thallium	7	mg/kg	7	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vanadium	91	mg/kg	91	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Zinc	7349	mg/kg	7349	mg/kg	Route	N/A	N/A	N/A	N/A	--
										Total Risk Across All Exposure Routes/Pathways	1.2E-006

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.

302011

TABLE 8.8.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current/ Future
Medium: Site Soils
Exposure Medium: Air
Exposure Point: Indoor Air - Area A
Receptor Population: Site Worker (Indoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Inhalation	Benzene	0.001	mg/kg	0.001	mg/kg	Route	3.2E-007	mg/kg-day	2.7E-002	(mg/kg-day)-1	8.7E-009
	Trichloroethene	0.04	mg/kg	0.04	mg/kg	Route	1.2E-005	mg/kg-day	4.0E-001	(mg/kg-day)-1	4.7E-006
										Total Risk Across All Exposure Routes/Pathways	4.7E-006

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.

302012

TABLE 8.8.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current/ Future
Medium: Site Soils
Exposure Medium: Air
Exposure Point: Indoor Air - Area A
Receptor Population: Site Worker (Indoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Inhalation	Benzene	0.001	mg/kg	0.001	mg/kg	Route	7.4E-008	mg/kg-day	2.7E-002	(mg/kg-day)-1	2.0E-009
	Trichloroethene	0.04	mg/kg	0.04	mg/kg	Route	2.7E-006	mg/kg-day	4.0E-001	(mg/kg-day)-1	1.1E-006
										Total Risk Across All Exposure Routes/Pathways	1.1E-006

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.

302013

TABLE 8.9.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current/ Future
Medium: Site Soils
Exposure Medium: Air
Exposure Point: Indoor Air - Area B
Receptor Population: Site Worker (Indoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Inhalation	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	7.8E-005	mg/kg-day	1.8E-001	(mg/kg-day)-1	1.4E-005
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	N/A	N/A	NA	N/A	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	8.0E-005	mg/kg-day	2.7E-002	(mg/kg-day)-1	2.2E-006
	cis-1,2-Dichloroethene	7.1	mg/kg	7.1	mg/kg	Route	2.1E-003	mg/kg-day	NA	N/A	--
	Tetrachloroethylene	0.91	mg/kg	0.91	mg/kg	Route	4.5E-004	mg/kg-day	1.1E-002	(mg/kg-day)-1	4.8E-006
	Trichloroethene	8.4	mg/kg	8.4	mg/kg	Route	2.5E-003	mg/kg-day	4.0E-001	(mg/kg-day)-1	9.9E-004
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	5.3E-004	mg/kg-day	1.5E-002	(mg/kg-day)-1	8.2E-006
										Total Risk Across All Exposure Routes/Pathways	1.0E-003

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.

302014

TABLE 8.9.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current/ Future
Medium: Site Soils
Exposure Medium: Air
Exposure Point: Indoor Air - Area B
Receptor Population: Site Worker (Indoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Inhalation	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	1.8E-005	mg/kg-day	1.8E-001	(mg/kg-day)-1	3.2E-006
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	N/A	N/A	NA	N/A	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	1.8E-005	mg/kg-day	2.7E-002	(mg/kg-day)-1	5.0E-007
	cis-1,2-Dichloroethene	7.1	mg/kg	7.1	mg/kg	Route	4.9E-004	mg/kg-day	NA	N/A	--
	Tetrachloroethylene	0.91	mg/kg	0.91	mg/kg	Route	1.0E-004	mg/kg-day	1.1E-002	(mg/kg-day)-1	1.1E-006
	Trichloroethene	8.4	mg/kg	8.4	mg/kg	Route	5.7E-004	mg/kg-day	4.0E-001	(mg/kg-day)-1	2.3E-004
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	1.2E-004	mg/kg-day	1.5E-002	(mg/kg-day)-1	1.9E-006
										Total Risk Across All Exposure Routes/Pathways	2.4E-004

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.

302015

TABLE 8.10.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Ingestion	Benzene	0.001	mg/kg	0.001	mg/kg	Route	6.9E-011	mg/kg-day	5.5E-002	(mg/kg-day) -1	3.8E-012
	Trichloroethene	0.04	mg/kg	0.04	mg/kg	Route	2.8E-009	mg/kg-day	4.0E-001	(mg/kg-day) -1	1.1E-009
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	5.9E-008	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	1.6	mg/kg	1.6	mg/kg	Route	1.1E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	8.1E-008
	Benzo(a)pyrene	1.3	mg/kg	1.3	mg/kg	Route	9.0E-008	mg/kg-day	7.3E+000	(mg/kg/day)-1	6.5E-007
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	8.3E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	6.0E-008
	Benzo(k)fluoranthene	1.6	mg/kg	1.6	mg/kg	Route	1.1E-007	mg/kg-day	7.3E-002	(mg/kg-day) -1	8.1E-009
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	3.7E-008	mg/kg-day	7.3E+000	(mg/kg-day) -1	2.7E-007
	Indeno(1,2,3-cd)pyrene	0.81	mg/kg	0.81	mg/kg	Route	5.6E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	4.1E-008
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	1.4E-007	mg/kg-day	3.4E-001	(mg/kg/day)-1	4.7E-008
	Aldrin	2.4	mg/kg	2.4	mg/kg	Route	1.7E-007	mg/kg-day	1.7E+001	(mg/kg/day)-1	2.8E-006
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	1.1E-008	mg/kg-day	6.3E+000	(mg/kg/day)-1	7.0E-008
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	9.7E-009	mg/kg-day	3.5E-001	(mg/kg/day)-1	3.4E-009
	Aroclor 1242	9.6	mg/kg	9.6	mg/kg	Route	6.6E-007	mg/kg-day	NA	N/A	--
	Aroclor 1248	62.7	mg/kg	62.7	mg/kg	Route	4.3E-006	mg/kg-day	NA	N/A	--
	Aroclor 1254	108	mg/kg	108	mg/kg	Route	7.5E-006	mg/kg-day	NA	N/A	--
	Dieldrin	2.9	mg/kg	2.9	mg/kg	Route	2.0E-007	mg/kg-day	1.6E+001	(mg/kg/day)-1	3.2E-006
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	2.2E-008	mg/kg-day	NA	N/A	--
	Endrin	1.8	mg/kg	1.8	mg/kg	Route	1.2E-007	mg/kg-day	NA	N/A	--
	Heptachlor	1.8	mg/kg	1.8	mg/kg	Route	1.2E-007	mg/kg-day	4.5E+000	(mg/kg/day)-1	5.6E-007
	Heptachlor epoxide	0.91	mg/kg	0.91	mg/kg	Route	6.3E-008	mg/kg-day	9.1E+000	(mg/kg/day)-1	5.7E-007
	Total PCBs	154	mg/kg	154	mg/kg	Route	1.1E-005	mg/kg-day	2.0E+000	(mg/kg/day)-1	2.1E-005
	Aluminum	13580	mg/kg	13580	mg/kg	Route	9.4E-004	mg/kg-day	NA	N/A	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	2.2E-007	mg/kg-day	NA	N/A	--
	Arsenic	21	mg/kg	21	mg/kg	Route	1.4E-006	mg/kg-day	1.5E+000	(mg/kg/day)-1	2.2E-006
	Barium	292	mg/kg	292	mg/kg	Route	2.0E-005	mg/kg-day	NA	N/A	--

302016

TABLE 8.10.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Cadmium	12.8	mg/kg	12.8	mg/kg	Route	8.8E-007	mg/kg-day	NA	N/A	--
	Chromium	24.8	mg/kg	24.8	mg/kg	Route	1.7E-006	mg/kg-day	NA	N/A	--
	Copper	308	mg/kg	308	mg/kg	Route	2.1E-005	mg/kg-day	NA	N/A	--
	Iron	25928	mg/kg	25928	mg/kg	Route	1.8E-003	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	799	mg/kg	799	mg/kg	Route	5.5E-005	mg/kg-day	NA	N/A	--
	Mercury	0.73	mg/kg	0.73	mg/kg	Route	5.0E-008	mg/kg-day	NA	N/A	--
	Nickel	53	mg/kg	53	mg/kg	Route	3.7E-006	mg/kg-day	NA	N/A	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	1.9E-007	mg/kg-day	NA	N/A	--
	Vanadium	39	mg/kg	39	mg/kg	Route	2.7E-006	mg/kg-day	NA	N/A	--
	Cyanide	0.51	mg/kg	0.51	mg/kg	Route	3.5E-008	mg/kg-day	NA	N/A	--
Dermal	Benzene	0.001	mg/kg	0.001	mg/kg	Route	N/A	N/A	N/A	N/A	--
Absorption	Trichloroethene	0.04	mg/kg	0.04	mg/kg	Route	N/A	N/A	N/A	N/A	--
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	7.4E-008	mg/kg-day	N/A	N/A	--
	Benzo(a)anthracene	1.6	mg/kg	1.6	mg/kg	Route	1.4E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.0E-007
	Benzo(a)pyrene	1.3	mg/kg	1.3	mg/kg	Route	1.1E-007	mg/kg-day	7.3E+000	(mg/kg/day)-1	8.1E-007
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	1.0E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	7.5E-008
	Benzo(k)fluoranthene	1.6	mg/kg	1.6	mg/kg	Route	1.4E-007	mg/kg-day	7.3E-002	(mg/kg-day) -1	1.0E-008
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	4.5E-008	mg/kg-day	7.3E+000	(mg/kg-day) -1	3.3E-007
	Indeno(1,2,3-cd)pyrene	0.81	mg/kg	0.81	mg/kg	Route	6.9E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	5.1E-008
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aldrin	2.4	mg/kg	2.4	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aroclor 1242	9.6	mg/kg	9.6	mg/kg	Route	8.8E-007	mg/kg-day	N/A	N/A	--
	Aroclor 1248	62.7	mg/kg	62.7	mg/kg	Route	5.8E-006	mg/kg-day	N/A	N/A	--

302017

TABLE 8.10.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Aroclor 1254	108	mg/kg	108	mg/kg	Route	1.0E-005	mg/kg-day	N/A	N/A	--
	Dieldrin	2.9	mg/kg	2.9	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin	1.8	mg/kg	1.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor	1.8	mg/kg	1.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor epoxide	0.91	mg/kg	0.91	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Total PCBs	154	mg/kg	154	mg/kg	Route	1.4E-005	mg/kg-day	2.0E+000	(mg/kg/day)-1	2.8E-005
	Aluminum	13580	mg/kg	13580	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Arsenic	21	mg/kg	21	mg/kg	Route	4.1E-007	mg/kg-day	1.5E+000	(mg/kg/day)-1	6.2E-007
	Barium	292	mg/kg	292	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cadmium	12.8	mg/kg	12.8	mg/kg	Route	8.4E-009	mg/kg-day	N/A	N/A	--
	Chromium	24.8	mg/kg	24.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Copper	308	mg/kg	308	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Iron	25928	mg/kg	25928	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Manganese	799	mg/kg	799	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Mercury	0.73	mg/kg	0.73	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Nickel	53	mg/kg	53	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vanadium	39	mg/kg	39	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cyanide	0.51	mg/kg	0.51	mg/kg	Route	N/A	N/A	N/A	N/A	--
Inhalation	Benzene	0.001	mg/kg	0.001	mg/kg	Route	4.6E-010	mg/kg-day	2.7E-002	(mg/kg-day)-1	1.3E-011
	Trichloroethene	0.04	mg/kg	0.04	mg/kg	Route	1.4E-008	mg/kg-day	4.0E-001	(mg/kg-day)-1	5.8E-009
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	1.7E-008	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	1.6	mg/kg	1.6	mg/kg	Route	1.9E-010	mg/kg-day	3.1E-001	(mg/kg-day)-1	6.0E-011

302018

TABLE 8.10.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Benzo(a)pyrene	1.3	mg/kg	1.3	mg/kg	Route	6.6E-011	mg/kg-day	3.1E+000	(mg/kg-day)-1	2.0E-010
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	2.9E-010	mg/kg-day	3.1E-001	(mg/kg-day)-1	8.9E-011
	Benzo(k)fluoranthene	1.6	mg/kg	1.6	mg/kg	Route	5.3E-011	mg/kg-day	3.1E-002	(mg/kg-day)-1	1.6E-012
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	8.1E-012	mg/kg-day	3.1E+000	(mg/kg-day)-1	2.5E-011
	Indeno(1,2,3-cd)pyrene	0.81	mg/kg	0.81	mg/kg	Route	1.9E-011	mg/kg-day	3.1E-001	(mg/kg-day)-1	5.8E-012
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	9.4E-011	mg/kg-day	NA	N/A	--
	Aldrin	2.4	mg/kg	2.4	mg/kg	Route	3.9E-010	mg/kg-day	1.7E+001	(mg/kg-day)-1	6.6E-009
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	3.2E-010	mg/kg-day	6.3E+000	(mg/kg-day)-1	2.0E-009
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	6.8E-011	mg/kg-day	3.5E-001	(mg/kg-day)-1	2.4E-011
	Aroclor 1242	9.6	mg/kg	9.6	mg/kg	Route	1.6E-008	mg/kg-day	NA	N/A	--
	Aroclor 1248	62.7	mg/kg	62.7	mg/kg	Route	1.0E-007	mg/kg-day	NA	N/A	--
	Aroclor 1254	108	mg/kg	108	mg/kg	Route	1.8E-007	mg/kg-day	NA	N/A	--
	Dieldrin	2.9	mg/kg	2.9	mg/kg	Route	1.5E-009	mg/kg-day	1.6E+001	(mg/kg-day)-1	2.4E-008
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	8.7E-013	mg/kg-day	NA	N/A	--
	Endrin	1.8	mg/kg	1.8	mg/kg	Route	9.0E-010	mg/kg-day	NA	N/A	--
	Heptachlor	1.8	mg/kg	1.8	mg/kg	Route	8.8E-010	mg/kg-day	4.6E+000	(mg/kg-day)-1	4.0E-009
	Heptachlor epoxide	0.91	mg/kg	0.91	mg/kg	Route	2.0E-010	mg/kg-day	9.1E+000	(mg/kg-day)-1	1.8E-009
	Total PCBs	154	mg/kg	154	mg/kg	Route	2.6E-007	mg/kg-day	4.0E-001	(mg/kg-day)-1	1.0E-007
	Aluminum	13580	mg/kg	13580	mg/kg	Route	3.7E-008	mg/kg-day	NA	N/A	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	8.7E-012	mg/kg-day	NA	N/A	--
	Arsenic	21	mg/kg	21	mg/kg	Route	5.7E-011	mg/kg-day	1.5E+001	(mg/kg-day)-1	8.6E-010
	Barium	292	mg/kg	292	mg/kg	Route	7.9E-010	mg/kg-day	N/A	N/A	--
	Cadmium	12.8	mg/kg	12.8	mg/kg	Route	3.5E-011	mg/kg-day	6.3E+000	(mg/kg-day)-1	2.2E-010
	Chromium	24.8	mg/kg	24.8	mg/kg	Route	6.7E-011	mg/kg-day	NA	N/A	--
	Copper	308	mg/kg	308	mg/kg	Route	8.3E-010	mg/kg-day	NA	N/A	--
	Iron	25928	mg/kg	25928	mg/kg	Route	7.0E-008	mg/kg-day	NA	N/A	--

302019

TABLE 8.10.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	799	mg/kg	799	mg/kg	Route	2.2E-009	mg/kg-day	NA	N/A	--
	Mercury	0.73	mg/kg	0.73	mg/kg	Route	3.0E-007	mg/kg-day	NA	N/A	--
	Nickel	53	mg/kg	53	mg/kg	Route	1.4E-010	mg/kg-day	NA	N/A	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	7.6E-012	mg/kg-day	NA	N/A	--
	Vanadium	39	mg/kg	39	mg/kg	Route	1.1E-010	mg/kg-day	NA	N/A	--
	Cyanide	0.51	mg/kg	0.51	mg/kg	Route	1.4E-012	mg/kg-day	NA	N/A	--
										Total Risk Across All Exposure Routes/Pathways	6.2E-005

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.

302020

TABLE 8.10.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Ingestion	Benzene	0.001	mg/kg	0.001	mg/kg	Route	1.7E-011	mg/kg-day	5.5E-002	(mg/kg-day) -1	9.5E-013
	Trichloroethene	0.04	mg/kg	0.04	mg/kg	Route	6.9E-010	mg/kg-day	4.0E-001	(mg/kg-day) -1	2.8E-010
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	1.5E-008	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	1.6	mg/kg	1.6	mg/kg	Route	2.8E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	2.0E-008
	Benzo(a)pyrene	1.3	mg/kg	1.3	mg/kg	Route	2.2E-008	mg/kg-day	7.3E+000	(mg/kg/day)-1	1.6E-007
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	2.1E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.5E-008
	Benzo(k)fluoranthene	1.6	mg/kg	1.6	mg/kg	Route	2.8E-008	mg/kg-day	7.3E-002	(mg/kg-day) -1	2.0E-009
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	9.1E-009	mg/kg-day	7.3E+000	(mg/kg-day) -1	6.7E-008
	Indeno(1,2,3-cd)pyrene	0.81	mg/kg	0.81	mg/kg	Route	1.4E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.0E-008
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	3.4E-008	mg/kg-day	3.4E-001	(mg/kg/day)-1	1.2E-008
	Aldrin	2.4	mg/kg	2.4	mg/kg	Route	4.1E-008	mg/kg-day	1.7E+001	(mg/kg/day)-1	7.0E-007
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	2.8E-009	mg/kg-day	6.3E+000	(mg/kg/day)-1	1.7E-008
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	2.4E-009	mg/kg-day	3.5E-001	(mg/kg/day)-1	8.5E-010
	Aroclor 1242	9.6	mg/kg	9.6	mg/kg	Route	1.7E-007	mg/kg-day	NA	N/A	--
	Aroclor 1248	62.7	mg/kg	62.7	mg/kg	Route	1.1E-006	mg/kg-day	NA	N/A	--
	Aroclor 1254	108	mg/kg	108	mg/kg	Route	1.9E-006	mg/kg-day	NA	N/A	--
	Dieldrin	2.9	mg/kg	2.9	mg/kg	Route	5.0E-008	mg/kg-day	1.6E+001	(mg/kg/day)-1	8.0E-007
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	5.5E-009	mg/kg-day	NA	N/A	--
	Endrin	1.8	mg/kg	1.8	mg/kg	Route	3.1E-008	mg/kg-day	NA	N/A	--
	Heptachlor	1.8	mg/kg	1.8	mg/kg	Route	3.1E-008	mg/kg-day	4.5E+000	(mg/kg/day)-1	1.4E-007
	Heptachlor epoxide	0.91	mg/kg	0.91	mg/kg	Route	1.6E-008	mg/kg-day	9.1E+000	(mg/kg/day)-1	1.4E-007
	Total PCBs	154	mg/kg	154	mg/kg	Route	2.7E-006	mg/kg-day	2.0E+000	(mg/kg/day)-1	5.3E-006
	Aluminum	13580	mg/kg	13580	mg/kg	Route	2.3E-004	mg/kg-day	NA	N/A	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	5.5E-008	mg/kg-day	NA	N/A	--
	Arsenic	21	mg/kg	21	mg/kg	Route	3.6E-007	mg/kg-day	1.5E+000	(mg/kg/day)-1	5.4E-007
	Barium	292	mg/kg	292	mg/kg	Route	5.0E-006	mg/kg-day	NA	N/A	--

302021

TABLE 8.10.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Cadmium	12.8	mg/kg	12.8	mg/kg	Route	2.2E-007	mg/kg-day	NA	N/A	--
	Chromium	24.8	mg/kg	24.8	mg/kg	Route	4.3E-007	mg/kg-day	NA	N/A	--
	Copper	308	mg/kg	308	mg/kg	Route	5.3E-006	mg/kg-day	NA	N/A	--
	Iron	25928	mg/kg	25928	mg/kg	Route	4.5E-004	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	799	mg/kg	799	mg/kg	Route	1.4E-005	mg/kg-day	NA	N/A	--
	Mercury	0.73	mg/kg	0.73	mg/kg	Route	1.3E-008	mg/kg-day	NA	N/A	--
	Nickel	53	mg/kg	53	mg/kg	Route	9.1E-007	mg/kg-day	NA	N/A	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	4.8E-008	mg/kg-day	NA	N/A	--
	Vanadium	39	mg/kg	39	mg/kg	Route	6.7E-007	mg/kg-day	NA	N/A	--
	Cyanide	0.51	mg/kg	0.51	mg/kg	Route	8.8E-009	mg/kg-day	NA	N/A	--
Dermal Absorption	Benzene	0.001	mg/kg	0.001	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Trichloroethene	0.04	mg/kg	0.04	mg/kg	Route	N/A	N/A	N/A	N/A	--
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	7.4E-009	mg/kg-day	N/A	N/A	--
	Benzo(a)anthracene	1.6	mg/kg	1.6	mg/kg	Route	1.4E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.0E-008
	Benzo(a)pyrene	1.3	mg/kg	1.3	mg/kg	Route	1.1E-008	mg/kg-day	7.3E+000	(mg/kg/day)-1	8.1E-008
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	1.0E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	7.5E-009
	Benzo(k)fluoranthene	1.6	mg/kg	1.6	mg/kg	Route	1.4E-008	mg/kg-day	7.3E-002	(mg/kg-day) -1	1.0E-009
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	4.5E-009	mg/kg-day	7.3E+000	(mg/kg-day) -1	3.3E-008
	Indeno(1,2,3-cd)pyrene	0.81	mg/kg	0.81	mg/kg	Route	6.9E-009	mg/kg-day	7.3E-001	(mg/kg-day) -1	5.1E-009
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aldrin	2.4	mg/kg	2.4	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aroclor 1242	9.6	mg/kg	9.6	mg/kg	Route	8.8E-008	mg/kg-day	N/A	N/A	--
	Aroclor 1248	62.7	mg/kg	62.7	mg/kg	Route	5.8E-007	mg/kg-day	N/A	N/A	--

302022

TABLE 8.10.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Aroclor 1254	108	mg/kg	108	mg/kg	Route	1.0E-006	mg/kg-day	N/A	N/A	--
	Dieldrin	2.9	mg/kg	2.9	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin	1.8	mg/kg	1.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor	1.8	mg/kg	1.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor epoxide	0.91	mg/kg	0.91	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Total PCBs	154	mg/kg	154	mg/kg	Route	1.4E-006	mg/kg-day	2.0E+000	(mg/kg/day)-1	2.8E-006
	Aluminum	13580	mg/kg	13580	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Arsenic	21	mg/kg	21	mg/kg	Route	4.1E-008	mg/kg-day	1.5E+000	(mg/kg/day)-1	6.2E-008
	Barium	292	mg/kg	292	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cadmium	12.8	mg/kg	12.8	mg/kg	Route	8.4E-010	mg/kg-day	N/A	N/A	--
	Chromium	24.8	mg/kg	24.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Copper	308	mg/kg	308	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Iron	25928	mg/kg	25928	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Manganese	799	mg/kg	799	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Mercury	0.73	mg/kg	0.73	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Nickel	53	mg/kg	53	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vanadium	39	mg/kg	39	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cyanide	0.51	mg/kg	0.51	mg/kg	Route	N/A	N/A	N/A	N/A	--

302023

TABLE 8.10.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Inhalation	Benzene	0.001	mg/kg	0.001	mg/kg	Route	9.7E-011	mg/kg-day	2.7E-002	(mg/kg-day)-1	2.6E-012
	Trichloroethene	0.04	mg/kg	0.04	mg/kg	Route	3.0E-009	mg/kg-day	4.0E-001	(mg/kg-day)-1	1.2E-009
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	3.5E-009	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	1.6	mg/kg	1.6	mg/kg	Route	4.1E-011	mg/kg-day	3.1E-001	(mg/kg-day)-1	1.3E-011
	Benzo(a)pyrene	1.3	mg/kg	1.3	mg/kg	Route	1.4E-011	mg/kg-day	3.1E+000	(mg/kg-day)-1	4.3E-011
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	6.0E-011	mg/kg-day	3.1E-001	(mg/kg-day)-1	1.8E-011
	Benzo(k)fluoranthene	1.6	mg/kg	1.6	mg/kg	Route	1.1E-011	mg/kg-day	3.1E-002	(mg/kg-day)-1	3.4E-013
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	1.7E-012	mg/kg-day	3.1E+000	(mg/kg-day)-1	5.2E-012
	Indeno(1,2,3-cd)pyrene	0.81	mg/kg	0.81	mg/kg	Route	3.9E-012	mg/kg-day	3.1E-001	(mg/kg-day)-1	1.2E-012
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	2.0E-011	mg/kg-day	NA	N/A	--
	Aldrin	2.4	mg/kg	2.4	mg/kg	Route	8.0E-011	mg/kg-day	1.7E+001	(mg/kg-day)-1	1.4E-009
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	6.7E-011	mg/kg-day	6.3E+000	(mg/kg-day)-1	4.2E-010
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	1.4E-011	mg/kg-day	3.5E-001	(mg/kg-day)-1	5.0E-012
	Aroclor 1242	9.6	mg/kg	9.6	mg/kg	Route	3.3E-009	mg/kg-day	NA	N/A	--
	Aroclor 1248	62.7	mg/kg	62.7	mg/kg	Route	2.2E-008	mg/kg-day	NA	N/A	--
	Aroclor 1254	108	mg/kg	108	mg/kg	Route	3.7E-008	mg/kg-day	NA	N/A	--
	Dieldrin	2.9	mg/kg	2.9	mg/kg	Route	3.1E-010	mg/kg-day	1.6E+001	(mg/kg-day)-1	5.0E-009
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	1.8E-013	mg/kg-day	NA	N/A	--
	Endrin	1.8	mg/kg	1.8	mg/kg	Route	1.9E-010	mg/kg-day	NA	N/A	--
	Heptachlor	1.8	mg/kg	1.8	mg/kg	Route	1.8E-010	mg/kg-day	4.6E+000	(mg/kg-day)-1	8.3E-010
	Heptachlor epoxide	0.91	mg/kg	0.91	mg/kg	Route	4.1E-011	mg/kg-day	9.1E+000	(mg/kg-day)-1	3.8E-010
	Total PCBs	154	mg/kg	154	mg/kg	Route	5.3E-008	mg/kg-day	4.0E-001	(mg/kg-day)-1	2.1E-008
	Aluminum	13580	mg/kg	13580	mg/kg	Route	7.7E-009	mg/kg-day	NA	N/A	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	1.8E-012	mg/kg-day	NA	N/A	--
	Arsenic	21	mg/kg	21	mg/kg	Route	1.2E-011	mg/kg-day	1.5E+001	(mg/kg-day)-1	1.8E-010
	Barium	292	mg/kg	292	mg/kg	Route	1.6E-010	mg/kg-day	N/A	N/A	--

302024

TABLE 8.10.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Cadmium	12.8	mg/kg	12.8	mg/kg	Route	7.2E-012	mg/kg-day	6.3E+000	(mg/kg-day)-1	4.5E-011
	Chromium	24.8	mg/kg	24.8	mg/kg	Route	1.4E-011	mg/kg-day	NA	N/A	--
	Copper	308	mg/kg	308	mg/kg	Route	1.7E-010	mg/kg-day	NA	N/A	--
	Iron	25928	mg/kg	25928	mg/kg	Route	1.5E-008	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	799	mg/kg	799	mg/kg	Route	4.5E-010	mg/kg-day	NA	N/A	--
	Mercury	0.73	mg/kg	0.73	mg/kg	Route	6.3E-008	mg/kg-day	NA	N/A	--
	Nickel	53	mg/kg	53	mg/kg	Route	3.0E-011	mg/kg-day	NA	N/A	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	1.6E-012	mg/kg-day	NA	N/A	--
	Vanadium	39	mg/kg	39	mg/kg	Route	2.2E-011	mg/kg-day	NA	N/A	--
	Cyanide	0.51	mg/kg	0.51	mg/kg	Route	2.9E-013	mg/kg-day	NA	N/A	--
										Total Risk Across All Exposure Routes/Pathways	1.1E-005

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.

302025

TABLE 8.11.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Ingestion	Benzene	0.001	mg/kg	0.001	mg/kg	Route	6.9E-011	mg/kg-day	5.5E-002	(mg/kg-day) -1	3.8E-012
	Trichloroethene	0.027	mg/kg	0.027	mg/kg	Route	1.9E-009	mg/kg-day	4.0E-001	(mg/kg-day) -1	7.5E-010
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	5.9E-008	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	0.8	mg/kg	0.8	mg/kg	Route	5.5E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	4.0E-008
	Benzo(a)pyrene	0.85	mg/kg	0.85	mg/kg	Route	5.9E-008	mg/kg-day	7.3E+000	(mg/kg/day)-1	4.3E-007
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	8.3E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	6.0E-008
	Benzo(k)fluoranthene	0.71	mg/kg	0.71	mg/kg	Route	4.9E-008	mg/kg-day	7.3E-002	(mg/kg-day) -1	3.6E-009
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	3.7E-008	mg/kg-day	7.3E+000	(mg/kg-day) -1	2.7E-007
	Indeno(1,2,3-cd)pyrene	0.65	mg/kg	0.65	mg/kg	Route	4.5E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	3.3E-008
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	1.4E-007	mg/kg-day	3.4E-001	(mg/kg/day)-1	4.7E-008
	Aldrin	1.3	mg/kg	1.3	mg/kg	Route	9.0E-008	mg/kg-day	1.7E+001	(mg/kg/day)-1	1.5E-006
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	1.1E-008	mg/kg-day	6.3E+000	(mg/kg/day)-1	7.0E-008
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	9.7E-009	mg/kg-day	3.5E-001	(mg/kg/day)-1	3.4E-009
	Aroclor 1242	4.2	mg/kg	4.2	mg/kg	Route	2.9E-007	mg/kg-day	NA	N/A	--
	Aroclor 1248	11	mg/kg	11	mg/kg	Route	7.6E-007	mg/kg-day	NA	N/A	--
	Aroclor 1254	80	mg/kg	80	mg/kg	Route	5.5E-006	mg/kg-day	NA	N/A	--
	Dieldrin	0.26	mg/kg	0.26	mg/kg	Route	1.8E-008	mg/kg-day	1.6E+001	(mg/kg/day)-1	2.9E-007
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	2.2E-008	mg/kg-day	NA	N/A	--
	Endrin	0.43	mg/kg	0.43	mg/kg	Route	3.0E-008	mg/kg-day	NA	N/A	--
	Heptachlor	0.12	mg/kg	0.12	mg/kg	Route	8.3E-009	mg/kg-day	4.5E+000	(mg/kg/day)-1	3.7E-008
	Heptachlor epoxide	0.91	mg/kg	0.91	mg/kg	Route	6.3E-008	mg/kg-day	9.1E+000	(mg/kg/day)-1	5.7E-007
	Total PCBs	122	mg/kg	122	mg/kg	Route	8.4E-006	mg/kg-day	2.0E+000	(mg/kg/day)-1	1.7E-005
	Aluminum	12135	mg/kg	12135	mg/kg	Route	8.4E-004	mg/kg-day	NA	N/A	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	2.2E-007	mg/kg-day	NA	N/A	--
	Arsenic	21	mg/kg	21	mg/kg	Route	1.4E-006	mg/kg-day	1.5E+000	(mg/kg/day)-1	2.2E-006
	Barium	292	mg/kg	292	mg/kg	Route	2.0E-005	mg/kg-day	NA	N/A	--

302026

TABLE 8.11.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Cadmium	7.6	mg/kg	7.6	mg/kg	Route	5.2E-007	mg/kg-day	NA	N/A	--
	Chromium	25	mg/kg	25	mg/kg	Route	1.7E-006	mg/kg-day	NA	N/A	--
	Copper	308	mg/kg	308	mg/kg	Route	2.1E-005	mg/kg-day	NA	N/A	--
	Iron	25928	mg/kg	25928	mg/kg	Route	1.8E-003	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	799	mg/kg	799	mg/kg	Route	5.5E-005	mg/kg-day	NA	N/A	--
	Mercury	0.21	mg/kg	0.21	mg/kg	Route	1.4E-008	mg/kg-day	NA	N/A	--
	Nickel	42	mg/kg	42	mg/kg	Route	2.9E-006	mg/kg-day	NA	N/A	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	1.9E-007	mg/kg-day	NA	N/A	--
	Vanadium	28	mg/kg	28	mg/kg	Route	1.9E-006	mg/kg-day	NA	N/A	--
	Cyanide	0.2	mg/kg	0.2	mg/kg	Route	1.4E-008	mg/kg-day	NA	N/A	--
Dermal Absorption	Benzene	0.001	mg/kg	0.001	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Trichloroethene	0.027	mg/kg	0.027	mg/kg	Route	N/A	N/A	N/A	N/A	--
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	7.4E-008	mg/kg-day	N/A	N/A	--
	Benzo(a)anthracene	0.8	mg/kg	0.8	mg/kg	Route	6.8E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	5.0E-008
	Benzo(a)pyrene	0.85	mg/kg	0.85	mg/kg	Route	7.3E-008	mg/kg-day	7.3E+000	(mg/kg/day)-1	5.3E-007
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	1.0E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	7.5E-008
	Benzo(k)fluoranthene	0.71	mg/kg	0.71	mg/kg	Route	6.1E-008	mg/kg-day	7.3E-002	(mg/kg-day) -1	4.4E-009
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	4.5E-008	mg/kg-day	7.3E+000	(mg/kg-day) -1	3.3E-007
	Indeno(1,2,3-cd)pyrene	0.65	mg/kg	0.65	mg/kg	Route	5.6E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	4.1E-008
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aldrin	1.3	mg/kg	1.3	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aroclor 1242	4.2	mg/kg	4.2	mg/kg	Route	3.9E-007	mg/kg-day	N/A	N/A	--
	Aroclor 1248	11	mg/kg	11	mg/kg	Route	1.0E-006	mg/kg-day	N/A	N/A	--

302027

TABLE 8.11.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Aroclor 1254	80	mg/kg	80	mg/kg	Route	7.4E-006	mg/kg-day	N/A	N/A	--
	Dieldrin	0.26	mg/kg	0.26	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin	0.43	mg/kg	0.43	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor	0.12	mg/kg	0.12	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor epoxide	0.91	mg/kg	0.91	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Total PCBs	122	mg/kg	122	mg/kg	Route	1.1E-005	mg/kg-day	2.0E+000	(mg/kg/day)-1	2.2E-005
	Aluminum	12135	mg/kg	12135	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Arsenic	21	mg/kg	21	mg/kg	Route	4.1E-007	mg/kg-day	1.5E+000	(mg/kg/day)-1	6.2E-007
	Barium	292	mg/kg	292	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cadmium	7.6	mg/kg	7.6	mg/kg	Route	5.0E-009	mg/kg-day	N/A	N/A	--
	Chromium	25	mg/kg	25	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Copper	308	mg/kg	308	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Iron	25928	mg/kg	25928	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Manganese	799	mg/kg	799	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Mercury	0.21	mg/kg	0.21	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Nickel	42	mg/kg	42	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vanadium	28	mg/kg	28	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cyanide	0.2	mg/kg	0.2	mg/kg	Route	N/A	N/A	N/A	N/A	--

302028

TABLE 8.11.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Inhalation	Benzene	0.001	mg/kg	0.001	mg/kg	Route	4.6E-010	mg/kg-day	2.7E-002	(mg/kg-day)-1	1.3E-011
	Trichloroethene	0.027	mg/kg	0.027	mg/kg	Route	9.7E-009	mg/kg-day	4.0E-001	(mg/kg-day)-1	3.9E-009
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	1.7E-008	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	0.8	mg/kg	0.8	mg/kg	Route	9.7E-011	mg/kg-day	3.1E-001	(mg/kg-day)-1	3.0E-011
	Benzo(a)pyrene	0.85	mg/kg	0.85	mg/kg	Route	4.3E-011	mg/kg-day	3.1E+000	(mg/kg-day)-1	1.3E-010
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	2.9E-010	mg/kg-day	3.1E-001	(mg/kg-day)-1	8.9E-011
	Benzo(k)fluoranthene	0.71	mg/kg	0.71	mg/kg	Route	2.4E-011	mg/kg-day	3.1E-002	(mg/kg-day)-1	7.3E-013
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	8.1E-012	mg/kg-day	3.1E+000	(mg/kg-day)-1	2.5E-011
	Indeno(1,2,3-cd)pyrene	0.65	mg/kg	0.65	mg/kg	Route	1.5E-011	mg/kg-day	3.1E-001	(mg/kg-day)-1	4.7E-012
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	9.4E-011	mg/kg-day	NA	N/A	--
	Aldrin	1.3	mg/kg	1.3	mg/kg	Route	2.1E-010	mg/kg-day	1.7E+001	(mg/kg-day)-1	3.6E-009
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	3.2E-010	mg/kg-day	6.3E+000	(mg/kg-day)-1	2.0E-009
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	6.8E-011	mg/kg-day	3.5E-001	(mg/kg-day)-1	2.4E-011
	Aroclor 1242	4.2	mg/kg	4.2	mg/kg	Route	7.0E-009	mg/kg-day	NA	N/A	--
	Aroclor 1248	11	mg/kg	11	mg/kg	Route	1.8E-008	mg/kg-day	NA	N/A	--
	Aroclor 1254	80	mg/kg	80	mg/kg	Route	1.3E-007	mg/kg-day	NA	N/A	--
	Dieldrin	0.26	mg/kg	0.26	mg/kg	Route	1.3E-010	mg/kg-day	1.6E+001	(mg/kg-day)-1	2.2E-009
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	8.7E-013	mg/kg-day	NA	N/A	--
	Endrin	0.43	mg/kg	0.43	mg/kg	Route	2.2E-010	mg/kg-day	NA	N/A	--
	Heptachlor	0.12	mg/kg	0.12	mg/kg	Route	5.8E-011	mg/kg-day	4.6E+000	(mg/kg-day)-1	2.7E-010
	Heptachlor epoxide	0.91	mg/kg	0.91	mg/kg	Route	2.0E-010	mg/kg-day	9.1E+000	(mg/kg-day)-1	1.8E-009
	Total PCBs	122	mg/kg	122	mg/kg	Route	2.0E-007	mg/kg-day	4.0E-001	(mg/kg-day)-1	8.1E-008
	Aluminum	12135	mg/kg	12135	mg/kg	Route	3.3E-008	mg/kg-day	NA	N/A	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	8.7E-012	mg/kg-day	NA	N/A	--
	Arsenic	21	mg/kg	21	mg/kg	Route	5.7E-011	mg/kg-day	1.5E+001	(mg/kg-day)-1	8.6E-010
	Barium	292	mg/kg	292	mg/kg	Route	7.9E-010	mg/kg-day	N/A	N/A	--

302029

TABLE 8.11.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Cadmium	7.6	mg/kg	7.6	mg/kg	Route	2.1E-011	mg/kg-day	6.3E+000	(mg/kg-day)-1	1.3E-010
	Chromium	25	mg/kg	25	mg/kg	Route	6.8E-011	mg/kg-day	NA	N/A	--
	Copper	308	mg/kg	308	mg/kg	Route	8.3E-010	mg/kg-day	NA	N/A	--
	Iron	25928	mg/kg	25928	mg/kg	Route	7.0E-008	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	799	mg/kg	799	mg/kg	Route	2.2E-009	mg/kg-day	NA	N/A	--
	Mercury	0.21	mg/kg	0.21	mg/kg	Route	8.7E-008	mg/kg-day	NA	N/A	--
	Nickel	42	mg/kg	42	mg/kg	Route	1.1E-010	mg/kg-day	NA	N/A	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	7.6E-012	mg/kg-day	NA	N/A	--
	Vanadium	28	mg/kg	28	mg/kg	Route	7.6E-011	mg/kg-day	NA	N/A	--
	Cyanide	0.2	mg/kg	0.2	mg/kg	Route	5.4E-013	mg/kg-day	NA	N/A	--
										Total Risk Across All Exposure Routes/Pathways	4.7E-005

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.

302030

TABLE 8.11.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Ingestion	Benzene	0.001	mg/kg	0.001	mg/kg	Route	1.7E-011	mg/kg-day	5.5E-002	(mg/kg-day) -1	9.5E-013
	Trichloroethene	0.027	mg/kg	0.027	mg/kg	Route	4.7E-010	mg/kg-day	4.0E-001	(mg/kg-day) -1	1.9E-010
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	1.5E-008	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	0.8	mg/kg	0.8	mg/kg	Route	1.4E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.0E-008
	Benzo(a)pyrene	0.85	mg/kg	0.85	mg/kg	Route	1.5E-008	mg/kg-day	7.3E+000	(mg/kg/day)-1	1.1E-007
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	2.1E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.5E-008
	Benzo(k)fluoranthene	0.71	mg/kg	0.71	mg/kg	Route	1.2E-008	mg/kg-day	7.3E-002	(mg/kg-day) -1	8.9E-010
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	9.1E-009	mg/kg-day	7.3E+000	(mg/kg-day) -1	6.7E-008
	Indeno(1,2,3-cd)pyrene	0.65	mg/kg	0.65	mg/kg	Route	1.1E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	8.2E-009
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	3.4E-008	mg/kg-day	3.4E-001	(mg/kg/day)-1	1.2E-008
	Aldrin	1.3	mg/kg	1.3	mg/kg	Route	2.2E-008	mg/kg-day	1.7E+001	(mg/kg/day)-1	3.8E-007
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	2.8E-009	mg/kg-day	6.3E+000	(mg/kg/day)-1	1.7E-008
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	2.4E-009	mg/kg-day	3.5E-001	(mg/kg/day)-1	8.5E-010
	Aroclor 1242	4.2	mg/kg	4.2	mg/kg	Route	7.2E-008	mg/kg-day	NA	N/A	--
	Aroclor 1248	11	mg/kg	11	mg/kg	Route	1.9E-007	mg/kg-day	NA	N/A	--
	Aroclor 1254	80	mg/kg	80	mg/kg	Route	1.4E-006	mg/kg-day	NA	N/A	--
	Dieldrin	0.26	mg/kg	0.26	mg/kg	Route	4.5E-009	mg/kg-day	1.6E+001	(mg/kg/day)-1	7.2E-008
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	5.5E-009	mg/kg-day	NA	N/A	--
	Endrin	0.43	mg/kg	0.43	mg/kg	Route	7.4E-009	mg/kg-day	NA	N/A	--
	Heptachlor	0.12	mg/kg	0.12	mg/kg	Route	2.1E-009	mg/kg-day	4.5E+000	(mg/kg/day)-1	9.3E-009
	Heptachlor epoxide	0.91	mg/kg	0.91	mg/kg	Route	1.6E-008	mg/kg-day	9.1E+000	(mg/kg/day)-1	1.4E-007
	Total PCBs	122	mg/kg	122	mg/kg	Route	2.1E-006	mg/kg-day	2.0E+000	(mg/kg/day)-1	4.2E-006
	Aluminum	12135	mg/kg	12135	mg/kg	Route	2.1E-004	mg/kg-day	NA	N/A	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	5.5E-008	mg/kg-day	NA	N/A	--
	Arsenic	21	mg/kg	21	mg/kg	Route	3.6E-007	mg/kg-day	1.5E+000	(mg/kg/day)-1	5.4E-007
	Barium	292	mg/kg	292	mg/kg	Route	5.0E-006	mg/kg-day	NA	N/A	--

302031

TABLE 8.11.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Cadmium	7.6	mg/kg	7.6	mg/kg	Route	1.3E-007	mg/kg-day	NA	N/A	--
	Chromium	25	mg/kg	25	mg/kg	Route	4.3E-007	mg/kg-day	NA	N/A	--
	Copper	308	mg/kg	308	mg/kg	Route	5.3E-006	mg/kg-day	NA	N/A	--
	Iron	25928	mg/kg	25928	mg/kg	Route	4.5E-004	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	799	mg/kg	799	mg/kg	Route	1.4E-005	mg/kg-day	NA	N/A	--
	Mercury	0.21	mg/kg	0.21	mg/kg	Route	3.6E-009	mg/kg-day	NA	N/A	--
	Nickel	42	mg/kg	42	mg/kg	Route	7.2E-007	mg/kg-day	NA	N/A	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	4.8E-008	mg/kg-day	NA	N/A	--
	Vanadium	28	mg/kg	28	mg/kg	Route	4.8E-007	mg/kg-day	NA	N/A	--
	Cyanide	0.2	mg/kg	0.2	mg/kg	Route	3.4E-009	mg/kg-day	NA	N/A	--
Dermal Absorption	Benzene	0.001	mg/kg	0.001	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Trichloroethene	0.027	mg/kg	0.027	mg/kg	Route	N/A	N/A	N/A	N/A	--
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	7.4E-009	mg/kg-day	N/A	N/A	--
	Benzo(a)anthracene	0.8	mg/kg	0.8	mg/kg	Route	6.8E-009	mg/kg-day	7.3E-001	(mg/kg-day) -1	5.0E-009
	Benzo(a)pyrene	0.85	mg/kg	0.85	mg/kg	Route	7.3E-009	mg/kg-day	7.3E+000	(mg/kg/day)-1	5.3E-008
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	1.0E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	7.5E-009
	Benzo(k)fluoranthene	0.71	mg/kg	0.71	mg/kg	Route	6.1E-009	mg/kg-day	7.3E-002	(mg/kg-day) -1	4.4E-010
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	4.5E-009	mg/kg-day	7.3E+000	(mg/kg-day) -1	3.3E-008
	Indeno(1,2,3-cd)pyrene	0.65	mg/kg	0.65	mg/kg	Route	5.6E-009	mg/kg-day	7.3E-001	(mg/kg-day) -1	4.1E-009
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aldrin	1.3	mg/kg	1.3	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aroclor 1242	4.2	mg/kg	4.2	mg/kg	Route	3.9E-008	mg/kg-day	N/A	N/A	--
	Aroclor 1248	11	mg/kg	11	mg/kg	Route	1.0E-007	mg/kg-day	N/A	N/A	--

302032

TABLE 8.11.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Aroclor 1254	80	mg/kg	80	mg/kg	Route	7.4E-007	mg/kg-day	N/A	N/A	--
	Dieldrin	0.26	mg/kg	0.26	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin	0.43	mg/kg	0.43	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor	0.12	mg/kg	0.12	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor epoxide	0.91	mg/kg	0.91	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Total PCBs	122	mg/kg	122	mg/kg	Route	1.1E-006	mg/kg-day	2.0E+000	(mg/kg/day)-1	2.2E-006
	Aluminum	12135	mg/kg	12135	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Arsenic	21	mg/kg	21	mg/kg	Route	4.1E-008	mg/kg-day	1.5E+000	(mg/kg/day)-1	6.2E-008
	Barium	292	mg/kg	292	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cadmium	7.6	mg/kg	7.6	mg/kg	Route	5.0E-010	mg/kg-day	N/A	N/A	--
	Chromium	25	mg/kg	25	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Copper	308	mg/kg	308	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Iron	25928	mg/kg	25928	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Manganese	799	mg/kg	799	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Mercury	0.21	mg/kg	0.21	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Nickel	42	mg/kg	42	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vanadium	28	mg/kg	28	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cyanide	0.2	mg/kg	0.2	mg/kg	Route	N/A	N/A	N/A	N/A	--

302033

TABLE 8.11.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Inhalation	Benzene	0.001	mg/kg	0.001	mg/kg	Route	9.7E-011	mg/kg-day	2.7E-002	(mg/kg-day)-1	2.6E-012
	Trichloroethene	0.027	mg/kg	0.027	mg/kg	Route	2.0E-009	mg/kg-day	4.0E-001	(mg/kg-day)-1	8.1E-010
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	3.5E-009	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	0.8	mg/kg	0.8	mg/kg	Route	2.0E-011	mg/kg-day	3.1E-001	(mg/kg-day)-1	6.3E-012
	Benzo(a)pyrene	0.85	mg/kg	0.85	mg/kg	Route	9.0E-012	mg/kg-day	3.1E+000	(mg/kg-day)-1	2.8E-011
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	6.0E-011	mg/kg-day	3.1E-001	(mg/kg-day)-1	1.8E-011
	Benzo(k)fluoranthene	0.71	mg/kg	0.71	mg/kg	Route	4.9E-012	mg/kg-day	3.1E-002	(mg/kg-day)-1	1.5E-013
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	1.7E-012	mg/kg-day	3.1E+000	(mg/kg-day)-1	5.2E-012
	Indeno(1,2,3-cd)pyrene	0.65	mg/kg	0.65	mg/kg	Route	3.2E-012	mg/kg-day	3.1E-001	(mg/kg-day)-1	9.8E-013
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	2.0E-011	mg/kg-day	NA	N/A	--
	Aldrin	1.3	mg/kg	1.3	mg/kg	Route	4.3E-011	mg/kg-day	1.7E+001	(mg/kg-day)-1	7.5E-010
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	6.7E-011	mg/kg-day	6.3E+000	(mg/kg-day)-1	4.2E-010
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	1.4E-011	mg/kg-day	3.5E-001	(mg/kg-day)-1	5.0E-012
	Aroclor 1242	4.2	mg/kg	4.2	mg/kg	Route	1.4E-009	mg/kg-day	NA	N/A	--
	Aroclor 1248	11	mg/kg	11	mg/kg	Route	3.8E-009	mg/kg-day	NA	N/A	--
	Aroclor 1254	80	mg/kg	80	mg/kg	Route	2.8E-008	mg/kg-day	NA	N/A	--
	Dieldrin	0.26	mg/kg	0.26	mg/kg	Route	2.8E-011	mg/kg-day	1.6E+001	(mg/kg-day)-1	4.5E-010
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	1.8E-013	mg/kg-day	NA	N/A	--
	Endrin	0.43	mg/kg	0.43	mg/kg	Route	4.5E-011	mg/kg-day	NA	N/A	--
	Heptachlor	0.12	mg/kg	0.12	mg/kg	Route	1.2E-011	mg/kg-day	4.6E+000	(mg/kg-day)-1	5.5E-011
	Heptachlor epoxide	0.91	mg/kg	0.91	mg/kg	Route	4.1E-011	mg/kg-day	9.1E+000	(mg/kg-day)-1	3.8E-010
	Total PCBs	122	mg/kg	122	mg/kg	Route	4.2E-008	mg/kg-day	4.0E-001	(mg/kg-day)-1	1.7E-008
	Aluminum	12135	mg/kg	12135	mg/kg	Route	6.8E-009	mg/kg-day	NA	N/A	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	1.8E-012	mg/kg-day	NA	N/A	--
	Arsenic	21	mg/kg	21	mg/kg	Route	1.2E-011	mg/kg-day	1.5E+001	(mg/kg-day)-1	1.8E-010
	Barium	292	mg/kg	292	mg/kg	Route	1.6E-010	mg/kg-day	N/A	N/A	--

302034

TABLE 8.11.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Cadmium	7.6	mg/kg	7.6	mg/kg	Route	4.3E-012	mg/kg-day	6.3E+000	(mg/kg-day)-1	2.7E-011
	Chromium	25	mg/kg	25	mg/kg	Route	1.4E-011	mg/kg-day	NA	N/A	--
	Copper	308	mg/kg	308	mg/kg	Route	1.7E-010	mg/kg-day	NA	N/A	--
	Iron	25928	mg/kg	25928	mg/kg	Route	1.5E-008	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	799	mg/kg	799	mg/kg	Route	4.5E-010	mg/kg-day	NA	N/A	--
	Mercury	0.21	mg/kg	0.21	mg/kg	Route	1.8E-008	mg/kg-day	NA	N/A	--
	Nickel	42	mg/kg	42	mg/kg	Route	2.4E-011	mg/kg-day	NA	N/A	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	1.6E-012	mg/kg-day	NA	N/A	--
	Vanadium	28	mg/kg	28	mg/kg	Route	1.6E-011	mg/kg-day	NA	N/A	--
	Cyanide	0.2	mg/kg	0.2	mg/kg	Route	1.1E-013	mg/kg-day	NA	N/A	--
										Total Risk Across All Exposure Routes/Pathways	8.0E-006

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.

302035

TABLE 8.12.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Ingestion	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	5.5E-009	mg/kg-day	6.0E-001	(mg/kg-day) -1	3.3E-009
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	3.3E-008	mg/kg-day	NA	N/A	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	1.7E-008	mg/kg-day	5.5E-002	(mg/kg-day) -1	9.5E-010
	cis-1,2-Dichloroethene	7.1	mg/kg	7.1	mg/kg	Route	4.9E-007	mg/kg-day	NA	N/A	--
	Tetrachloroethylene	0.91	mg/kg	0.91	mg/kg	Route	6.3E-008	mg/kg-day	5.2E-002	N/A	3.3E-009
	Trichloroethene	8.4	mg/kg	8.4	mg/kg	Route	5.8E-007	mg/kg-day	4.0E-001	(mg/kg-day) -1	2.3E-007
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	2.9E-008	mg/kg-day	7.2E-001	(mg/kg-day) -1	2.1E-008
	2-Methylnaphthalene	47.6	mg/kg	47.6	mg/kg	Route	3.3E-006	mg/kg-day	NA	N/A	--
	Acenaphthene	276	mg/kg	276	mg/kg	Route	1.9E-005	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	111	mg/kg	111	mg/kg	Route	7.7E-006	mg/kg-day	7.3E-001	(mg/kg-day) -1	5.6E-006
	Benzo(a)pyrene	84	mg/kg	84	mg/kg	Route	5.8E-006	mg/kg-day	7.3E+000	(mg/kg/day)-1	4.2E-005
	Benzo(b)fluoranthene	28	mg/kg	28	mg/kg	Route	1.9E-006	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.4E-006
	Benzo(k)fluoranthene	63	mg/kg	63	mg/kg	Route	4.3E-006	mg/kg-day	7.3E-002	(mg/kg-day) -1	3.2E-007
	Carbazole	10	mg/kg	10	mg/kg	Route	6.9E-007	mg/kg-day	2.0E-002	(mg/kg-day) -1	1.4E-008
	Chrysene	105	mg/kg	105	mg/kg	Route	7.2E-006	mg/kg-day	7.3E-003	(mg/kg-day) -1	5.3E-008
	Dibenzofuran	168	mg/kg	168	mg/kg	Route	1.2E-005	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	14	mg/kg	14	mg/kg	Route	9.7E-007	mg/kg-day	7.3E+000	(mg/kg-day) -1	7.1E-006
	Fluoranthene	3.6	mg/kg	3.6	mg/kg	Route	2.5E-007	mg/kg-day	NA	N/A	--
	Fluorene	197	mg/kg	197	mg/kg	Route	1.4E-005	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	35	mg/kg	35	mg/kg	Route	2.4E-006	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.8E-006
	Naphthalene	17	mg/kg	17	mg/kg	Route	1.2E-006	mg/kg-day	NA	N/A	--
	Phenanthrene	700	mg/kg	700	mg/kg	Route	4.8E-005	mg/kg-day	NA	N/A	--
	Pyrene	40	mg/kg	40	mg/kg	Route	2.8E-006	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	5.5E-010	mg/kg-day	1.5E+005	(mg/kg/day)-1	8.3E-005
	4,4'-DDE	1038	mg/kg	1038	mg/kg	Route	7.2E-005	mg/kg-day	3.4E-001	(mg/kg/day)-1	2.4E-005
	4,4'-DDT	2483	mg/kg	2483	mg/kg	Route	1.7E-004	mg/kg-day	3.4E-001	(mg/kg/day)-1	5.8E-005
	Acetophenone	0.76	mg/kg	0.76	mg/kg	Route	5.2E-008	mg/kg-day	NA	N/A	--
	Aldrin	120	mg/kg	120	mg/kg	Route	8.3E-006	mg/kg-day	1.7E+001	(mg/kg/day)-1	1.4E-004
	alpha-BHC	3	mg/kg	3	mg/kg	Route	2.1E-007	mg/kg-day	6.3E+000	(mg/kg/day)-1	1.3E-006
	alpha-chlordane	2.1	mg/kg	2.1	mg/kg	Route	1.4E-007	mg/kg-day	3.5E-001	(mg/kg/day)-1	5.1E-008
	Aroclor 1242	807	mg/kg	807	mg/kg	Route	5.6E-005	mg/kg-day	NA	N/A	--
	Aroclor 1248	3103	mg/kg	3103	mg/kg	Route	2.1E-004	mg/kg-day	NA	N/A	--
	Aroclor 1254	14206	mg/kg	14206	mg/kg	Route	9.8E-004	mg/kg-day	NA	N/A	--

302036

TABLE 8.12.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Dieldrin	1254	mg/kg	1254	mg/kg	Route	8.7E-005	mg/kg-day	1.6E+001	(mg/kg/day)-1	1.4E-003
	Endosulfan sulfate	20	mg/kg	20	mg/kg	Route	1.4E-006	mg/kg-day	NA	N/A	--
	Endrin	14	mg/kg	14	mg/kg	Route	9.7E-007	mg/kg-day	NA	N/A	--
	Endrin aldehyde	183	mg/kg	183	mg/kg	Route	1.3E-005	mg/kg-day	NA	N/A	--
	gamma-Chlordane	1222	mg/kg	1222	mg/kg	Route	8.4E-005	mg/kg-day	3.5E-001	(mg/kg/day)-1	3.0E-005
	Heptachlor	7.3	mg/kg	7.3	mg/kg	Route	5.0E-007	mg/kg-day	4.5E+000	(mg/kg/day)-1	2.3E-006
	Heptachlor epoxide	143	mg/kg	143	mg/kg	Route	9.9E-006	mg/kg-day	9.1E+000	(mg/kg/day)-1	9.0E-005
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	2.6E-007	mg/kg-day	1.5E+005	(mg/kg/day)-1	3.9E-002
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.2E-003	mg/kg-day	2.0E+000	(mg/kg/day)-1	4.4E-003
	Total PCBs	15783	mg/kg	15783	mg/kg	Route	1.1E-003	mg/kg-day	2.0E+000	(mg/kg/day)-1	2.2E-003
	Aluminum	33832	mg/kg	33832	mg/kg	Route	2.3E-003	mg/kg-day	NA	N/A	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	3.9E-007	mg/kg-day	NA	N/A	--
	Arsenic	46.3	mg/kg	46.3	mg/kg	Route	3.2E-006	mg/kg-day	1.5E+000	(mg/kg/day)-1	4.8E-006
	Barium	869	mg/kg	869	mg/kg	Route	6.0E-005	mg/kg-day	NA	N/A	--
	Cadmium	32	mg/kg	32	mg/kg	Route	2.2E-006	mg/kg-day	NA	N/A	--
	Chromium	75	mg/kg	75	mg/kg	Route	5.2E-006	mg/kg-day	NA	N/A	--
	Copper	7108	mg/kg	7108	mg/kg	Route	4.9E-004	mg/kg-day	NA	N/A	--
	Iron	46753	mg/kg	46753	mg/kg	Route	3.2E-003	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	763	mg/kg	763	mg/kg	Route	5.3E-005	mg/kg-day	NA	N/A	--
	Mercury	1.1	mg/kg	1.1	mg/kg	Route	7.6E-008	mg/kg-day	NA	N/A	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	6.8E-007	mg/kg-day	NA	N/A	--
	Thallium	1	mg/kg	1	mg/kg	Route	6.9E-008	mg/kg-day	NA	N/A	--
	Vanadium	84	mg/kg	84	mg/kg	Route	5.8E-006	mg/kg-day	NA	N/A	--
	Zinc	1903	mg/kg	1903	mg/kg	Route	1.3E-004	mg/kg-day	NA	N/A	--
	Cyanide	1.1	mg/kg	1.1	mg/kg	Route	7.6E-008	mg/kg-day	NA	N/A	--
Dermal Absorption	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	N/A	N/A	N/A	N/A	--
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	N/A	N/A	N/A	N/A	--
	cis-1,2-Dichloroethene	7.1	mg/kg	7.1	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Tetrachloroethylene	0.91	mg/kg	0.91	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Trichloroethene	8.4	mg/kg	8.4	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	N/A	N/A	N/A	N/A	--

302037

TABLE 8.12.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	2-Methylnaphthalene	47.6	mg/kg	47.6	mg/kg	Route	4.1E-006	mg/kg-day	N/A	N/A	--
	Acenaphthene	276	mg/kg	276	mg/kg	Route	2.4E-005	mg/kg-day	N/A	N/A	--
	Benzo(a)anthracene	111	mg/kg	111	mg/kg	Route	9.5E-006	mg/kg-day	7.3E-001	(mg/kg-day) -1	6.9E-006
	Benzo(a)pyrene	84	mg/kg	84	mg/kg	Route	7.2E-006	mg/kg-day	7.3E+000	(mg/kg/day)-1	5.2E-005
	Benzo(b)fluoranthene	28	mg/kg	28	mg/kg	Route	2.4E-006	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.7E-006
	Benzo(k)fluoranthene	63	mg/kg	63	mg/kg	Route	5.4E-006	mg/kg-day	7.3E-002	(mg/kg-day) -1	3.9E-007
	Carbazole	10	mg/kg	10	mg/kg	Route	6.6E-007	mg/kg-day	2.0E-002	(mg/kg-day) -1	1.3E-008
	Chrysene	105	mg/kg	105	mg/kg	Route	9.0E-006	mg/kg-day	7.3E-003	(mg/kg-day) -1	6.6E-008
	Dibenzofuran	168	mg/kg	168	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Dibenz(a,h)anthracene	14	mg/kg	14	mg/kg	Route	1.2E-006	mg/kg-day	7.3E+000	(mg/kg-day) -1	8.7E-006
	Fluoranthene	3.6	mg/kg	3.6	mg/kg	Route	3.1E-007	mg/kg-day	N/A	N/A	--
	Fluorene	197	mg/kg	197	mg/kg	Route	1.7E-005	mg/kg-day	N/A	N/A	--
	Indeno(1,2,3-cd)pyrene	35	mg/kg	35	mg/kg	Route	3.0E-006	mg/kg-day	7.3E-001	(mg/kg-day) -1	2.2E-006
	Naphthalene	17	mg/kg	17	mg/kg	Route	1.5E-006	mg/kg-day	N/A	N/A	--
	Phenanthrene	700	mg/kg	700	mg/kg	Route	6.0E-005	mg/kg-day	N/A	N/A	--
	Pyrene	40	mg/kg	40	mg/kg	Route	3.4E-006	mg/kg-day	N/A	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	1.6E-010	mg/kg-day	1.5E+005	(mg/kg/day)-1	2.4E-005
	4,4'-DDE	1038	mg/kg	1038	mg/kg	Route	N/A	N/A	N/A	N/A	--
	4,4'-DDT	2483	mg/kg	2483	mg/kg	Route	4.9E-005	mg/kg-day	3.4E-001	(mg/kg/day)-1	1.7E-005
	Acetophenone	0.76	mg/kg	0.76	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aldrin	120	mg/kg	120	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-BHC	3	mg/kg	3	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-chlordane	2.1	mg/kg	2.1	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aroclor 1242	807	mg/kg	807	mg/kg	Route	7.4E-005	mg/kg-day	N/A	N/A	--
	Aroclor 1248	3103	mg/kg	3103	mg/kg	Route	2.9E-004	mg/kg-day	N/A	N/A	--
	Aroclor 1254	14206	mg/kg	14206	mg/kg	Route	1.3E-003	mg/kg-day	N/A	N/A	--
	Dieldrin	1254	mg/kg	1254	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endosulfan sulfate	20	mg/kg	20	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin	14	mg/kg	14	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin aldehyde	183	mg/kg	183	mg/kg	Route	N/A	N/A	N/A	N/A	--
	gamma-Chlordane	1222	mg/kg	1222	mg/kg	Route	3.2E-005	mg/kg-day	3.5E-001	(mg/kg/day)-1	1.1E-005
	Heptachlor	7.3	mg/kg	7.3	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor epoxide	143	mg/kg	143	mg/kg	Route	N/A	N/A	N/A	N/A	--

302038

TABLE 8.12.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	7.5E-008	mg/kg-day	1.5E+005	(mg/kg/day)-1	1.1E-002
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.9E-003	mg/kg-day	2.0E+000	(mg/kg/day)-1	5.8E-003
	Total PCBs	15783	mg/kg	15783	mg/kg	Route	1.5E-003	mg/kg-day	2.0E+000	(mg/kg/day)-1	2.9E-003
	Aluminum	33832	mg/kg	33832	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Arsenic	46.3	mg/kg	46.3	mg/kg	Route	9.1E-007	mg/kg-day	1.5E+000	(mg/kg/day)-1	1.4E-006
	Barium	869	mg/kg	869	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cadmium	32	mg/kg	32	mg/kg	Route	2.1E-008	mg/kg-day	N/A	N/A	--
	Chromium	75	mg/kg	75	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Copper	7108	mg/kg	7108	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Iron	46753	mg/kg	46753	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Manganese	763	mg/kg	763	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Mercury	1.1	mg/kg	1.1	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Thallium	1	mg/kg	1	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vanadium	84	mg/kg	84	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Zinc	1903	mg/kg	1903	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cyanide	1.1	mg/kg	1.1	mg/kg	Route	N/A	N/A	N/A	N/A	--
Inhalation	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	8.0E-008	mg/kg-day	1.8E-001	(mg/kg-day)-1	1.4E-008
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	1.3E-012	mg/kg-day	NA	N/A	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	1.2E-007	mg/kg-day	2.7E-002	(mg/kg-day)-1	3.2E-009
	cis-1,2-Dichloroethene	7.1	mg/kg	7.1	mg/kg	Route	3.3E-006	mg/kg-day	NA	N/A	--
	Tetrachloroethylene	0.91	mg/kg	0.91	mg/kg	Route	4.3E-007	mg/kg-day	1.1E-002	(mg/kg-day)-1	4.6E-009
	Trichloroethene	8.4	mg/kg	8.4	mg/kg	Route	3.0E-006	mg/kg-day	4.0E-001	(mg/kg-day)-1	1.2E-006
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	7.6E-007	mg/kg-day	1.5E-002	(mg/kg-day)-1	1.2E-008
	2-Methylnaphthalene	47.6	mg/kg	47.6	mg/kg	Route	9.3E-007	mg/kg-day	NA	N/A	--
	Acenaphthene	276	mg/kg	276	mg/kg	Route	1.4E-006	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	111	mg/kg	111	mg/kg	Route	1.3E-008	mg/kg-day	3.1E-001	(mg/kg-day)-1	4.2E-009
	Benzo(a)pyrene	84	mg/kg	84	mg/kg	Route	4.3E-009	mg/kg-day	3.1E+000	(mg/kg-day)-1	1.3E-008
	Benzo(b)fluoranthene	28	mg/kg	28	mg/kg	Route	6.7E-009	mg/kg-day	3.1E-001	(mg/kg-day)-1	2.1E-009
	Benzo(k)fluoranthene	63	mg/kg	63	mg/kg	Route	2.1E-009	mg/kg-day	3.1E-002	(mg/kg-day)-1	6.5E-011
	Carbazole	10	mg/kg	10	mg/kg	Route	5.0E-009	mg/kg-day	NA	N/A	--

302039

TABLE 8.12.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Chrysene	105	mg/kg	105	mg/kg	Route	4.2E-008	mg/kg-day	3.1E-003	(mg/kg-day)-1	1.3E-010
	Dibenzofuran	168	mg/kg	168	mg/kg	Route	4.5E-010	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	14	mg/kg	14	mg/kg	Route	2.1E-010	mg/kg-day	3.1E+000	(mg/kg-day)-1	6.6E-010
	Fluoranthene	3.6	mg/kg	3.6	mg/kg	Route	1.3E-009	mg/kg-day	NA	N/A	--
	Fluorene	197	mg/kg	197	mg/kg	Route	4.2E-007	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	35	mg/kg	35	mg/kg	Route	8.1E-010	mg/kg-day	3.1E-001	(mg/kg-day)-1	2.5E-010
	Naphthalene	17	mg/kg	17	mg/kg	Route	3.3E-007	mg/kg-day	NA	N/A	--
	Phenanthrene	700	mg/kg	700	mg/kg	Route	2.1E-007	mg/kg-day	NA	N/A	--
	Pyrene	40	mg/kg	40	mg/kg	Route	1.2E-008	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	2.2E-014	mg/kg-day	1.5E+005	(mg/kg-day)-1	3.2E-009
	4,4'-DDE	1038	mg/kg	1038	mg/kg	Route	4.9E-008	mg/kg-day	NA	N/A	--
	4,4'-DDT	2483	mg/kg	2483	mg/kg	Route	9.8E-008	mg/kg-day	3.4E-001	(mg/kg-day)-1	3.3E-008
	Acetophenone	0.76	mg/kg	0.76	mg/kg	Route	2.1E-012	mg/kg-day	NA	N/A	--
	Aldrin	120	mg/kg	120	mg/kg	Route	1.9E-008	mg/kg-day	1.7E+001	(mg/kg-day)-1	3.3E-007
	alpha-BHC	3	mg/kg	3	mg/kg	Route	6.0E-009	mg/kg-day	6.3E+000	(mg/kg-day)-1	3.8E-008
	alpha-chlordane	2.1	mg/kg	2.1	mg/kg	Route	1.0E-009	mg/kg-day	3.5E-001	(mg/kg-day)-1	3.6E-010
	Aroclor 1242	807	mg/kg	807	mg/kg	Route	1.3E-006	mg/kg-day	NA	N/A	--
	Aroclor 1248	3103	mg/kg	3103	mg/kg	Route	5.1E-006	mg/kg-day	NA	N/A	--
	Aroclor 1254	14206	mg/kg	14206	mg/kg	Route	2.4E-005	mg/kg-day	NA	N/A	--
	Dieldrin	1254	mg/kg	1254	mg/kg	Route	6.5E-007	mg/kg-day	1.6E+001	(mg/kg-day)-1	1.0E-005
	Endosulfan sulfate	20	mg/kg	20	mg/kg	Route	5.4E-011	mg/kg-day	NA	N/A	--
	Endrin	14	mg/kg	14	mg/kg	Route	7.0E-009	mg/kg-day	NA	N/A	--
	Endrin aldehyde	183	mg/kg	183	mg/kg	Route	9.2E-008	mg/kg-day	NA	N/A	--
	gamma-Chlordane	1222	mg/kg	1222	mg/kg	Route	3.3E-009	mg/kg-day	3.5E-001	(mg/kg-day)-1	1.2E-009
	Heptachlor	7.3	mg/kg	7.3	mg/kg	Route	3.5E-009	mg/kg-day	4.6E+000	(mg/kg-day)-1	1.6E-008
	Heptachlor epoxide	143	mg/kg	143	mg/kg	Route	3.1E-008	mg/kg-day	9.1E+000	(mg/kg-day)-1	2.8E-007
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	1.0E-011	mg/kg-day	1.5E+005	(mg/kg-day)-1	1.5E-006
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	5.2E-005	mg/kg-day	4.0E-001	(mg/kg-day)-1	2.1E-005
	Total PCBs	15783	mg/kg	15783	mg/kg	Route	2.6E-005	mg/kg-day	4.0E-001	(mg/kg-day)-1	1.0E-005
	Aluminum	33832	mg/kg	33832	mg/kg	Route	9.2E-008	mg/kg-day	NA	N/A*	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	1.5E-011	mg/kg-day	NA	N/A	--
	Arsenic	46.3	mg/kg	46.3	mg/kg	Route	1.3E-010	mg/kg-day	1.5E+001	(mg/kg-day)-1	1.9E-009
	Barium	869	mg/kg	869	mg/kg	Route	2.4E-009	mg/kg-day	N/A	N/A	--

302040

TABLE 8.12.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Cadmium	32	mg/kg	32	mg/kg	Route	8.7E-011	mg/kg-day	6.3E+000	(mg/kg-day)-1	5.5E-010
	Chromium	75	mg/kg	75	mg/kg	Route	2.0E-010	mg/kg-day	NA	N/A	--
	Copper	7108	mg/kg	7108	mg/kg	Route	1.9E-008	mg/kg-day	NA	N/A	--
	Iron	46753	mg/kg	46753	mg/kg	Route	1.3E-007	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	763	mg/kg	763	mg/kg	Route	2.1E-009	mg/kg-day	NA	N/A	--
	Mercury	1.1	mg/kg	1.1	mg/kg	Route	4.5E-007	mg/kg-day	NA	N/A	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	2.7E-011	mg/kg-day	NA	N/A	--
	Thallium	1	mg/kg	1	mg/kg	Route	2.7E-012	mg/kg-day	NA	N/A	--
	Vanadium	84	mg/kg	84	mg/kg	Route	2.3E-010	mg/kg-day	NA	N/A	--
	Zinc	1903	mg/kg	1903	mg/kg	Route	5.1E-009	mg/kg-day	NA	N/A	--
	Cyanide	1.1	mg/kg	1.1	mg/kg	Route	3.0E-012	mg/kg-day	NA	N/A	--

Total Risk Across All Exposure Routes/Pathways (2) 7.1E-003

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 6.0E-002

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.
(2) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total.
Instead, these are shown as a separate line below the table.

302041

TABLE 8.12.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Ingestion	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	1.4E-009	mg/kg-day	6.0E-001	(mg/kg-day) -1	8.3E-010
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	8.3E-009	mg/kg-day	NA	N/A	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	4.3E-009	mg/kg-day	5.5E-002	(mg/kg-day) -1	2.4E-010
	cis-1,2-Dichloroethene	7.1	mg/kg	7.1	mg/kg	Route	1.2E-007	mg/kg-day	NA	N/A	--
	Tetrachloroethylene	0.91	mg/kg	0.91	mg/kg	Route	1.6E-008	mg/kg-day	5.2E-002	N/A	8.2E-010
	Trichloroethene	8.4	mg/kg	8.4	mg/kg	Route	1.4E-007	mg/kg-day	4.0E-001	(mg/kg-day) -1	5.8E-008
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	7.2E-009	mg/kg-day	7.2E-001	(mg/kg-day) -1	5.2E-009
	2-Methylnaphthalene	47.6	mg/kg	47.6	mg/kg	Route	8.2E-007	mg/kg-day	NA	N/A	--
	Acenaphthene	276	mg/kg	276	mg/kg	Route	4.8E-006	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	111	mg/kg	111	mg/kg	Route	1.9E-006	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.4E-006
	Benzo(a)pyrene	84	mg/kg	84	mg/kg	Route	1.4E-006	mg/kg-day	7.3E+000	(mg/kg/day)-1	1.1E-005
	Benzo(b)fluoranthene	28	mg/kg	28	mg/kg	Route	4.8E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	3.5E-007
	Benzo(k)fluoranthene	63	mg/kg	63	mg/kg	Route	1.1E-006	mg/kg-day	7.3E-002	(mg/kg-day) -1	7.9E-008
	Carbazole	10	mg/kg	10	mg/kg	Route	1.7E-007	mg/kg-day	2.0E-002	(mg/kg-day) -1	3.4E-009
	Chrysene	105	mg/kg	105	mg/kg	Route	1.8E-006	mg/kg-day	7.3E-003	(mg/kg-day) -1	1.3E-008
	Dibenzofuran	168	mg/kg	168	mg/kg	Route	2.9E-006	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	14	mg/kg	14	mg/kg	Route	2.4E-007	mg/kg-day	7.3E+000	(mg/kg-day) -1	1.8E-006
	Fluoranthene	3.6	mg/kg	3.6	mg/kg	Route	6.2E-008	mg/kg-day	NA	N/A	--
	Fluorene	197	mg/kg	197	mg/kg	Route	3.4E-006	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	35	mg/kg	35	mg/kg	Route	6.0E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	4.4E-007
	Naphthalene	17	mg/kg	17	mg/kg	Route	2.9E-007	mg/kg-day	NA	N/A	--
	Phenanthrene	700	mg/kg	700	mg/kg	Route	1.2E-005	mg/kg-day	NA	N/A	--
	Pyrene	40	mg/kg	40	mg/kg	Route	6.9E-007	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	1.4E-010	mg/kg-day	1.5E+005	(mg/kg/day)-1	2.1E-005
	4,4'-DDE	1038	mg/kg	1038	mg/kg	Route	1.8E-005	mg/kg-day	3.4E-001	(mg/kg/day)-1	6.1E-006
	4,4'-DDT	2483	mg/kg	2483	mg/kg	Route	4.3E-005	mg/kg-day	3.4E-001	(mg/kg/day)-1	1.5E-005
	Acetophenone	0.76	mg/kg	0.76	mg/kg	Route	1.3E-008	mg/kg-day	NA	N/A	--
	Aldrin	120	mg/kg	120	mg/kg	Route	2.1E-006	mg/kg-day	1.7E+001	(mg/kg/day)-1	3.5E-005
	alpha-BHC	3	mg/kg	3	mg/kg	Route	5.2E-008	mg/kg-day	6.3E+000	(mg/kg/day)-1	3.3E-007
	alpha-chlordane	2.1	mg/kg	2.1	mg/kg	Route	3.6E-008	mg/kg-day	3.5E-001	(mg/kg/day)-1	1.3E-008
	Aroclor 1242	807	mg/kg	807	mg/kg	Route	1.4E-005	mg/kg-day	NA	N/A	--
	Aroclor 1248	3103	mg/kg	3103	mg/kg	Route	5.4E-005	mg/kg-day	NA	N/A	--
	Aroclor 1254	14206	mg/kg	14206	mg/kg	Route	2.5E-004	mg/kg-day	NA	N/A	--

302042

TABLE 8.12.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Dieldrin	1254	mg/kg	1254	mg/kg	Route	2.2E-005	mg/kg-day	1.6E+001	(mg/kg/day)-1	3.5E-004
	Endosulfan sulfate	20	mg/kg	20	mg/kg	Route	3.4E-007	mg/kg-day	NA	N/A	--
	Endrin	14	mg/kg	14	mg/kg	Route	2.4E-007	mg/kg-day	NA	N/A	--
	Endrin aldehyde	183	mg/kg	183	mg/kg	Route	3.2E-006	mg/kg-day	NA	N/A	--
	gamma-Chlordane	1222	mg/kg	1222	mg/kg	Route	2.1E-005	mg/kg-day	3.5E-001	(mg/kg/day)-1	7.4E-006
	Heptachlor	7.3	mg/kg	7.3	mg/kg	Route	1.3E-007	mg/kg-day	4.5E+000	(mg/kg/day)-1	5.7E-007
	Heptachlor epoxide	143	mg/kg	143	mg/kg	Route	2.5E-006	mg/kg-day	9.1E+000	(mg/kg/day)-1	2.2E-005
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	6.6E-008	mg/kg-day	1.5E+005	(mg/kg/day)-1	9.8E-003
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	5.4E-004	mg/kg-day	2.0E+000	(mg/kg/day)-1	1.1E-003
	Total PCBs	15783	mg/kg	15783	mg/kg	Route	2.7E-004	mg/kg-day	2.0E+000	(mg/kg/day)-1	5.4E-004
	Aluminum	33832	mg/kg	33832	mg/kg	Route	5.8E-004	mg/kg-day	NA	N/A	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	9.8E-008	mg/kg-day	NA	N/A	--
	Arsenic	46.3	mg/kg	46.3	mg/kg	Route	8.0E-007	mg/kg-day	1.5E+000	(mg/kg/day)-1	1.2E-006
	Barium	869	mg/kg	869	mg/kg	Route	1.5E-005	mg/kg-day	NA	N/A	--
	Cadmium	32	mg/kg	32	mg/kg	Route	5.5E-007	mg/kg-day	NA	N/A	--
	Chromium	75	mg/kg	75	mg/kg	Route	1.3E-006	mg/kg-day	NA	N/A	--
	Copper	7108	mg/kg	7108	mg/kg	Route	1.2E-004	mg/kg-day	NA	N/A	--
	Iron	46753	mg/kg	46753	mg/kg	Route	8.1E-004	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	763	mg/kg	763	mg/kg	Route	1.3E-005	mg/kg-day	NA	N/A	--
	Mercury	1.1	mg/kg	1.1	mg/kg	Route	1.9E-008	mg/kg-day	NA	N/A	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	1.7E-007	mg/kg-day	NA	N/A	--
	Thallium	1	mg/kg	1	mg/kg	Route	1.7E-008	mg/kg-day	NA	N/A	--
	Vanadium	84	mg/kg	84	mg/kg	Route	1.4E-006	mg/kg-day	NA	N/A	--
	Zinc	1903	mg/kg	1903	mg/kg	Route	3.3E-005	mg/kg-day	NA	N/A	--
	Cyanide	1.1	mg/kg	1.1	mg/kg	Route	1.9E-008	mg/kg-day	NA	N/A	--
Dermal Absorption	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	N/A	N/A	N/A	N/A	--
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	N/A	N/A	N/A	N/A	--
	cis-1,2-Dichloroethene	7.1	mg/kg	7.1	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Tetrachloroethylene	0.91	mg/kg	0.91	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Trichloroethene	8.4	mg/kg	8.4	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	N/A	N/A	N/A	N/A	--

302043

TABLE 8.12.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	2-Methylnaphthalene	47.6	mg/kg	47.6	mg/kg	Route	4.1E-007	mg/kg-day	N/A	N/A	--
	Acenaphthene	276	mg/kg	276	mg/kg	Route	2.4E-006	mg/kg-day	N/A	N/A	--
	Benzo(a)anthracene	111	mg/kg	111	mg/kg	Route	9.5E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	6.9E-007
	Benzo(a)pyrene	84	mg/kg	84	mg/kg	Route	7.2E-007	mg/kg-day	7.3E+000	(mg/kg/day)-1	5.2E-006
	Benzo(b)fluoranthene	28	mg/kg	28	mg/kg	Route	2.4E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.7E-007
	Benzo(k)fluoranthene	63	mg/kg	63	mg/kg	Route	5.4E-007	mg/kg-day	7.3E-002	(mg/kg-day) -1	3.9E-008
	Carbazole	10	mg/kg	10	mg/kg	Route	6.6E-008	mg/kg-day	2.0E-002	(mg/kg-day) -1	1.3E-009
	Chrysene	105	mg/kg	105	mg/kg	Route	9.0E-007	mg/kg-day	7.3E-003	(mg/kg-day) -1	6.6E-009
	Dibenzofuran	168	mg/kg	168	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Dibenz(a,h)anthracene	14	mg/kg	14	mg/kg	Route	1.2E-007	mg/kg-day	7.3E+000	(mg/kg-day) -1	8.7E-007
	Fluoranthene	3.6	mg/kg	3.6	mg/kg	Route	3.1E-008	mg/kg-day	N/A	N/A	--
	Fluorene	197	mg/kg	197	mg/kg	Route	1.7E-006	mg/kg-day	N/A	N/A	--
	Indeno(1,2,3-cd)pyrene	35	mg/kg	35	mg/kg	Route	3.0E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	2.2E-007
	Naphthalene	17	mg/kg	17	mg/kg	Route	1.5E-007	mg/kg-day	N/A	N/A	--
	Phenanthrene	700	mg/kg	700	mg/kg	Route	6.0E-006	mg/kg-day	N/A	N/A	--
	Pyrene	40	mg/kg	40	mg/kg	Route	3.4E-007	mg/kg-day	N/A	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	1.6E-011	mg/kg-day	1.5E+005	(mg/kg/day)-1	2.4E-006
	4,4'-DDE	1038	mg/kg	1038	mg/kg	Route	N/A	N/A	N/A	N/A	--
	4,4'-DDT	2483	mg/kg	2483	mg/kg	Route	4.9E-006	mg/kg-day	3.4E-001	(mg/kg/day)-1	1.7E-006
	Acetophenone	0.76	mg/kg	0.76	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aldrin	120	mg/kg	120	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-BHC	3	mg/kg	3	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-chlordane	2.1	mg/kg	2.1	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aroclor 1242	807	mg/kg	807	mg/kg	Route	7.4E-006	mg/kg-day	N/A	N/A	--
	Aroclor 1248	3103	mg/kg	3103	mg/kg	Route	2.9E-005	mg/kg-day	N/A	N/A	--
	Aroclor 1254	14206	mg/kg	14206	mg/kg	Route	1.3E-004	mg/kg-day	N/A	N/A	--
	Dieldrin	1254	mg/kg	1254	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endosulfan sulfate	20	mg/kg	20	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin	14	mg/kg	14	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin aldehyde	183	mg/kg	183	mg/kg	Route	N/A	N/A	N/A	N/A	--
	gamma-Chlordane	1222	mg/kg	1222	mg/kg	Route	3.2E-006	mg/kg-day	3.5E-001	(mg/kg/day)-1	1.1E-006
	Heptachlor	7.3	mg/kg	7.3	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor epoxide	143	mg/kg	143	mg/kg	Route	N/A	N/A	N/A	N/A	--

302044

TABLE 8.12.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	7.5E-009	mg/kg-day	1.5E+005	(mg/kg/day)-1	1.1E-003
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.9E-004	mg/kg-day	2.0E+000	(mg/kg/day)-1	5.8E-004
	Total PCBs	15783	mg/kg	15783	mg/kg	Route	1.5E-004	mg/kg-day	2.0E+000	(mg/kg/day)-1	2.9E-004
	Aluminum	33832	mg/kg	33832	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Arsenic	46.3	mg/kg	46.3	mg/kg	Route	9.1E-008	mg/kg-day	1.5E+000	(mg/kg/day)-1	1.4E-007
	Barium	869	mg/kg	869	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cadmium	32	mg/kg	32	mg/kg	Route	2.1E-009	mg/kg-day	N/A	N/A	--
	Chromium	75	mg/kg	75	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Copper	7108	mg/kg	7108	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Iron	46753	mg/kg	46753	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Manganese	763	mg/kg	763	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Mercury	1.1	mg/kg	1.1	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Thallium	1	mg/kg	1	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vanadium	84	mg/kg	84	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Zinc	1903	mg/kg	1903	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cyanide	1.1	mg/kg	1.1	mg/kg	Route	N/A	N/A	N/A	N/A	--
Inhalation	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	1.7E-008	mg/kg-day	1.8E-001	(mg/kg-day)-1	2.9E-009
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	2.7E-013	mg/kg-day	NA	N/A	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	2.4E-008	mg/kg-day	2.7E-002	(mg/kg-day)-1	6.6E-010
	cis-1,2-Dichloroethene	7.1	mg/kg	7.1	mg/kg	Route	6.8E-007	mg/kg-day	NA	N/A	--
	Tetrachloroethylene	0.91	mg/kg	0.91	mg/kg	Route	9.0E-008	mg/kg-day	1.1E-002	(mg/kg-day)-1	9.6E-010
	Trichloroethene	8.4	mg/kg	8.4	mg/kg	Route	6.3E-007	mg/kg-day	4.0E-001	(mg/kg-day)-1	2.5E-007
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	1.6E-007	mg/kg-day	1.5E-002	(mg/kg-day)-1	2.4E-009
	2-Methylnaphthalene	47.6	mg/kg	47.6	mg/kg	Route	1.9E-007	mg/kg-day	NA	N/A	--
	Acenaphthene	276	mg/kg	276	mg/kg	Route	2.9E-007	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	111	mg/kg	111	mg/kg	Route	2.8E-009	mg/kg-day	3.1E-001	(mg/kg-day)-1	8.7E-010
	Benzo(a)pyrene	84	mg/kg	84	mg/kg	Route	8.9E-010	mg/kg-day	3.1E+000	(mg/kg-day)-1	2.7E-009
	Benzo(b)fluoranthene	28	mg/kg	28	mg/kg	Route	1.4E-009	mg/kg-day	3.1E-001	(mg/kg-day)-1	4.3E-010
	Benzo(k)fluoranthene	63	mg/kg	63	mg/kg	Route	4.4E-010	mg/kg-day	3.1E-002	(mg/kg-day)-1	1.4E-011
	Carbazole	10	mg/kg	10	mg/kg	Route	1.0E-009	mg/kg-day	NA	N/A	--

302045

TABLE 8.12.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Chrysene	105	mg/kg	105	mg/kg	Route	8.8E-009	mg/kg-day	3.1E-003	(mg/kg-day)-1	2.7E-011
	Dibenzofuran	168	mg/kg	168	mg/kg	Route	9.5E-011	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	14	mg/kg	14	mg/kg	Route	4.5E-011	mg/kg-day	3.1E+000	(mg/kg-day)-1	1.4E-010
	Fluoranthene	3.6	mg/kg	3.6	mg/kg	Route	2.7E-010	mg/kg-day	NA	N/A	--
	Fluorene	197	mg/kg	197	mg/kg	Route	8.8E-008	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	35	mg/kg	35	mg/kg	Route	1.7E-010	mg/kg-day	3.1E-001	(mg/kg-day)-1	5.3E-011
	Naphthalene	17	mg/kg	17	mg/kg	Route	6.9E-008	mg/kg-day	NA	N/A	--
	Phenanthrene	700	mg/kg	700	mg/kg	Route	4.3E-008	mg/kg-day	NA	N/A	--
	Pyrene	40	mg/kg	40	mg/kg	Route	2.4E-009	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	4.5E-015	mg/kg-day	1.5E+005	(mg/kg-day)-1	6.8E-010
	4,4'-DDE	1038	mg/kg	1038	mg/kg	Route	1.0E-008	mg/kg-day	NA	N/A	--
	4,4'-DDT	2483	mg/kg	2483	mg/kg	Route	2.0E-008	mg/kg-day	3.4E-001	(mg/kg-day)-1	6.9E-009
	Acetophenone	0.76	mg/kg	0.76	mg/kg	Route	4.3E-013	mg/kg-day	NA	N/A	--
	Aldrin	120	mg/kg	120	mg/kg	Route	4.0E-009	mg/kg-day	1.7E+001	(mg/kg-day)-1	6.9E-008
	alpha-BHC	3	mg/kg	3	mg/kg	Route	1.2E-009	mg/kg-day	6.3E+000	(mg/kg-day)-1	7.9E-009
	alpha-chlordane	2.1	mg/kg	2.1	mg/kg	Route	2.1E-010	mg/kg-day	3.5E-001	(mg/kg-day)-1	7.4E-011
	Aroclor 1242	807	mg/kg	807	mg/kg	Route	2.8E-007	mg/kg-day	NA	N/A	--
	Aroclor 1248	3103	mg/kg	3103	mg/kg	Route	1.1E-006	mg/kg-day	NA	N/A	--
	Aroclor 1254	14206	mg/kg	14206	mg/kg	Route	4.9E-006	mg/kg-day	NA	N/A	--
	Dieldrin	1254	mg/kg	1254	mg/kg	Route	1.3E-007	mg/kg-day	1.6E+001	(mg/kg-day)-1	2.2E-006
	Endosulfan sulfate	20	mg/kg	20	mg/kg	Route	1.1E-011	mg/kg-day	NA	N/A	--
	Endrin	14	mg/kg	14	mg/kg	Route	1.5E-009	mg/kg-day	NA	N/A	--
	Endrin aldehyde	183	mg/kg	183	mg/kg	Route	1.9E-008	mg/kg-day	NA	N/A	--
	gamma-Chlordane	1222	mg/kg	1222	mg/kg	Route	6.9E-010	mg/kg-day	3.5E-001	(mg/kg-day)-1	2.4E-010
	Heptachlor	7.3	mg/kg	7.3	mg/kg	Route	7.4E-010	mg/kg-day	4.6E+000	(mg/kg-day)-1	3.4E-009
	Heptachlor epoxide	143	mg/kg	143	mg/kg	Route	6.5E-009	mg/kg-day	9.1E+000	(mg/kg-day)-1	5.9E-008
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	2.1E-012	mg/kg-day	1.5E+005	(mg/kg-day)-1	3.2E-007
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	1.1E-005	mg/kg-day	4.0E-001	(mg/kg-day)-1	4.4E-006
	Total PCBs	15783	mg/kg	15783	mg/kg	Route	5.4E-006	mg/kg-day	4.0E-001	(mg/kg-day)-1	2.2E-006
	Aluminum	33832	mg/kg	33832	mg/kg	Route	1.9E-008	mg/kg-day	NA	N/A	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	3.2E-012	mg/kg-day	NA	N/A	--
	Arsenic	46.3	mg/kg	46.3	mg/kg	Route	2.6E-011	mg/kg-day	1.5E+001	(mg/kg-day)-1	3.9E-010
	Barium	869	mg/kg	869	mg/kg	Route	4.9E-010	mg/kg-day	N/A	N/A	--

302046

TABLE 8.12.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Cadmium	32	mg/kg	32	mg/kg	Route	1.8E-011	mg/kg-day	6.3E+000	(mg/kg-day)-1	1.1E-010
	Chromium	75	mg/kg	75	mg/kg	Route	4.2E-011	mg/kg-day	NA	N/A	--
	Copper	7108	mg/kg	7108	mg/kg	Route	4.0E-009	mg/kg-day	NA	N/A	--
	Iron	46753	mg/kg	46753	mg/kg	Route	2.6E-008	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	763	mg/kg	763	mg/kg	Route	4.3E-010	mg/kg-day	NA	N/A	--
	Mercury	1.1	mg/kg	1.1	mg/kg	Route	9.5E-008	mg/kg-day	NA	N/A	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	5.5E-012	mg/kg-day	NA	N/A	--
	Thallium	1	mg/kg	1	mg/kg	Route	5.6E-013	mg/kg-day	NA	N/A	--
	Vanadium	84	mg/kg	84	mg/kg	Route	4.7E-011	mg/kg-day	NA	N/A	--
	Zinc	1903	mg/kg	1903	mg/kg	Route	1.1E-009	mg/kg-day	NA	N/A	--
	Cyanide	1.1	mg/kg	1.1	mg/kg	Route	6.2E-013	mg/kg-day	NA	N/A	--
										Total Risk Across All Exposure Routes/Pathways (2)	1.3E-003

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.
(2) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table.

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 1.3E-002

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TABLE 8.13.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Ingestion	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	5.5E-009	mg/kg-day	6.0E-001	(mg/kg-day) -1	3.3E-009
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	3.3E-008	mg/kg-day	NA	N/A	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	1.7E-008	mg/kg-day	5.5E-002	(mg/kg-day) -1	9.5E-010
	cis-1,2-Dichloroethene	2.4	mg/kg	2.4	mg/kg	Route	1.7E-007	mg/kg-day	NA	N/A	--
	Tetrachloroethylene	0.49	mg/kg	0.49	mg/kg	Route	3.4E-008	mg/kg-day	5.2E-002	N/A	1.8E-009
	Trichloroethene	2	mg/kg	2	mg/kg	Route	1.4E-007	mg/kg-day	4.0E-001	(mg/kg-day) -1	5.5E-008
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	2.9E-008	mg/kg-day	7.2E-001	(mg/kg-day) -1	2.1E-008
	2-Methylnaphthalene	2.7	mg/kg	2.7	mg/kg	Route	1.9E-007	mg/kg-day	NA	N/A	--
	Acenaphthene	1.1	mg/kg	1.1	mg/kg	Route	7.6E-008	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	2.2	mg/kg	2.2	mg/kg	Route	1.5E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.1E-007
	Benzo(a)pyrene	2.1	mg/kg	2.1	mg/kg	Route	1.4E-007	mg/kg-day	7.3E+000	(mg/kg/day)-1	1.1E-006
	Benzo(b)fluoranthene	3.4	mg/kg	3.4	mg/kg	Route	2.3E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.7E-007
	Benzo(k)fluoranthene	2.4	mg/kg	2.4	mg/kg	Route	1.7E-007	mg/kg-day	7.3E-002	(mg/kg-day) -1	1.2E-008
	Carbazole	1.2	mg/kg	1.2	mg/kg	Route	8.3E-008	mg/kg-day	2.0E-002	(mg/kg-day) -1	1.7E-009
	Chrysene	3.2	mg/kg	3.2	mg/kg	Route	2.2E-007	mg/kg-day	7.3E-003	(mg/kg-day) -1	1.6E-009
	Dibenzofuran	4.7	mg/kg	4.7	mg/kg	Route	3.2E-007	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	1.8	mg/kg	1.8	mg/kg	Route	1.2E-007	mg/kg-day	7.3E+000	(mg/kg-day) -1	9.1E-007
	Fluoranthene	419	mg/kg	419	mg/kg	Route	2.9E-005	mg/kg-day	NA	N/A	--
	Fluorene	7.1	mg/kg	7.1	mg/kg	Route	4.9E-007	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	1.9	mg/kg	1.9	mg/kg	Route	1.3E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	9.6E-008
	Naphthalene	3.2	mg/kg	3.2	mg/kg	Route	2.2E-007	mg/kg-day	NA	N/A	--
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	1.4E-007	mg/kg-day	NA	N/A	--
	Pyrene	2.9	mg/kg	2.9	mg/kg	Route	2.0E-007	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	5.5E-010	mg/kg-day	1.5E+005	(mg/kg/day)-1	8.3E-005
	4,4'-DDE	20.8	mg/kg	20.8	mg/kg	Route	1.4E-006	mg/kg-day	3.4E-001	(mg/kg/day)-1	4.9E-007
	4,4'-DDT	0.97	mg/kg	0.97	mg/kg	Route	6.7E-008	mg/kg-day	3.4E-001	(mg/kg/day)-1	2.3E-008
	Acetophenone	0.76	mg/kg	0.76	mg/kg	Route	5.2E-008	mg/kg-day	NA	N/A	--
	Aldrin	17	mg/kg	17	mg/kg	Route	1.2E-006	mg/kg-day	1.7E+001	(mg/kg/day)-1	2.0E-005
	alpha-BHC	0.91	mg/kg	0.91	mg/kg	Route	6.3E-008	mg/kg-day	6.3E+000	(mg/kg/day)-1	4.0E-007
	alpha-chlordane	0.69	mg/kg	0.69	mg/kg	Route	4.8E-008	mg/kg-day	3.5E-001	(mg/kg/day)-1	1.7E-008
	Aroclor 1242	29	mg/kg	29	mg/kg	Route	2.0E-006	mg/kg-day	NA	N/A	--
	Aroclor 1248	454	mg/kg	454	mg/kg	Route	3.1E-005	mg/kg-day	NA	N/A	--
	Aroclor 1254	1755	mg/kg	1755	mg/kg	Route	1.2E-004	mg/kg-day	NA	N/A	--

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TABLE 8.13.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Dieldrin	31	mg/kg	31	mg/kg	Route	2.1E-006	mg/kg-day	1.6E+001	(mg/kg/day)-1	3.4E-005
	Endosulfan sulfate	2.5	mg/kg	2.5	mg/kg	Route	1.7E-007	mg/kg-day	NA	N/A	--
	Endrin	1.9	mg/kg	1.9	mg/kg	Route	1.3E-007	mg/kg-day	NA	N/A	--
	Endrin aldehyde	4	mg/kg	4	mg/kg	Route	2.8E-007	mg/kg-day	NA	N/A	--
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	2.2E-008	mg/kg-day	3.5E-001	(mg/kg/day)-1	7.7E-009
	Heptachlor	0.54	mg/kg	0.54	mg/kg	Route	3.7E-008	mg/kg-day	4.5E+000	(mg/kg/day)-1	1.7E-007
	Heptachlor epoxide	4.1	mg/kg	4.1	mg/kg	Route	2.8E-007	mg/kg-day	9.1E+000	(mg/kg/day)-1	2.6E-006
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	2.6E-007	mg/kg-day	1.5E+005	(mg/kg/day)-1	3.9E-002
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.2E-003	mg/kg-day	2.0E+000	(mg/kg/day)-1	4.4E-003
	Total PCBs	2246	mg/kg	2246	mg/kg	Route	1.5E-004	mg/kg-day	2.0E+000	(mg/kg/day)-1	3.1E-004
	Aluminum	17468	mg/kg	17468	mg/kg	Route	1.2E-003	mg/kg-day	NA	N/A	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	3.9E-007	mg/kg-day	NA	N/A	--
	Arsenic	25.1	mg/kg	25.1	mg/kg	Route	1.7E-006	mg/kg-day	1.5E+000	(mg/kg/day)-1	2.6E-006
	Barium	869	mg/kg	869	mg/kg	Route	6.0E-005	mg/kg-day	NA	N/A	--
	Cadmium	32	mg/kg	32	mg/kg	Route	2.2E-006	mg/kg-day	NA	N/A	--
	Chromium	32	mg/kg	32	mg/kg	Route	2.2E-006	mg/kg-day	NA	N/A	--
	Copper	230	mg/kg	230	mg/kg	Route	1.6E-005	mg/kg-day	NA	N/A	--
	Cyanide	0.39	mg/kg	0.39	mg/kg	Route	2.7E-008	mg/kg-day	NA	N/A	--
	Iron	26753	mg/kg	26753	mg/kg	Route	1.8E-003	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	463	mg/kg	463	mg/kg	Route	3.2E-005	mg/kg-day	NA	N/A	--
	Mercury	0.44	mg/kg	0.44	mg/kg	Route	3.0E-008	mg/kg-day	NA	N/A	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	6.8E-007	mg/kg-day	NA	N/A	--
	Thallium	0.87	mg/kg	0.87	mg/kg	Route	6.0E-008	mg/kg-day	NA	N/A	--
	Vanadium	43	mg/kg	43	mg/kg	Route	3.0E-006	mg/kg-day	NA	N/A	--
	Zinc	601	mg/kg	601	mg/kg	Route	4.1E-005	mg/kg-day	NA	N/A	--
Dermal Absorption	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	N/A	N/A	N/A	N/A	--
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	N/A	N/A	N/A	N/A	--
	cis-1,2-Dichloroethene	2.4	mg/kg	2.4	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Tetrachloroethylene	0.49	mg/kg	0.49	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Trichloroethene	2	mg/kg	2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	N/A	N/A	N/A	N/A	--

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TABLE 8.13.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	2-Methylnaphthalene	2.7	mg/kg	2.7	mg/kg	Route	2.3E-007	mg/kg-day	N/A	N/A	--
	Acenaphthene	1.1	mg/kg	1.1	mg/kg	Route	9.4E-008	mg/kg-day	N/A	N/A	--
	Benzo(a)anthracene	2.2	mg/kg	2.2	mg/kg	Route	1.9E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.4E-007
	Benzo(a)pyrene	2.1	mg/kg	2.1	mg/kg	Route	1.8E-007	mg/kg-day	7.3E+000	(mg/kg/day)-1	1.3E-006
	Benzo(b)fluoranthene	3.4	mg/kg	3.4	mg/kg	Route	2.9E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	2.1E-007
	Benzo(k)fluoranthene	2.4	mg/kg	2.4	mg/kg	Route	2.1E-007	mg/kg-day	7.3E-002	(mg/kg-day) -1	1.5E-008
	Carbazole	1.2	mg/kg	1.2	mg/kg	Route	7.9E-008	mg/kg-day	2.0E-002	(mg/kg-day) -1	1.6E-009
	Chrysene	3.2	mg/kg	3.2	mg/kg	Route	2.7E-007	mg/kg-day	7.3E-003	(mg/kg-day) -1	2.0E-009
	Dibenzofuran	4.7	mg/kg	4.7	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Dibenz(a,h)anthracene	1.8	mg/kg	1.8	mg/kg	Route	1.5E-007	mg/kg-day	7.3E+000	(mg/kg-day) -1	1.1E-006
	Fluoranthene	419	mg/kg	419	mg/kg	Route	3.6E-005	mg/kg-day	N/A	N/A	--
	Fluorene	7.1	mg/kg	7.1	mg/kg	Route	6.1E-007	mg/kg-day	N/A	N/A	--
	Indeno(1,2,3-cd)pyrene	1.9	mg/kg	1.9	mg/kg	Route	1.6E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.2E-007
	Naphthalene	3.2	mg/kg	3.2	mg/kg	Route	2.7E-007	mg/kg-day	N/A	N/A	--
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	1.8E-007	mg/kg-day	N/A	N/A	--
	Pyrene	2.9	mg/kg	2.9	mg/kg	Route	2.5E-007	mg/kg-day	N/A	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	1.6E-010	mg/kg-day	1.5E+005	(mg/kg/day)-1	2.4E-005
	4,4'-DDE	20.8	mg/kg	20.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	4,4'-DDT	0.97	mg/kg	0.97	mg/kg	Route	1.9E-008	mg/kg-day	3.4E-001	(mg/kg/day)-1	6.5E-009
	Acetophenone	0.76	mg/kg	0.76	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aldrin	17	mg/kg	17	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-BHC	0.91	mg/kg	0.91	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-chlordane	0.69	mg/kg	0.69	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aroclor 1242	29	mg/kg	29	mg/kg	Route	2.7E-006	mg/kg-day	N/A	N/A	--
	Aroclor 1248	454	mg/kg	454	mg/kg	Route	4.2E-005	mg/kg-day	N/A	N/A	--
	Aroclor 1254	1755	mg/kg	1755	mg/kg	Route	1.6E-004	mg/kg-day	N/A	N/A	--
	Dieldrin	31	mg/kg	31	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endosulfan sulfate	2.5	mg/kg	2.5	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin	1.9	mg/kg	1.9	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin aldehyde	4	mg/kg	4	mg/kg	Route	N/A	N/A	N/A	N/A	--
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	8.4E-009	mg/kg-day	3.5E-001	(mg/kg/day)-1	2.9E-009
	Heptachlor	0.54	mg/kg	0.54	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor epoxide	4.1	mg/kg	4.1	mg/kg	Route	N/A	N/A	N/A	N/A	--

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TABLE 8.13.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	7.5E-008	mg/kg-day	1.5E+005	(mg/kg/day)-1	1.1E-002
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.9E-003	mg/kg-day	2.0E+000	(mg/kg/day)-1	5.8E-003
	Total PCBs	2246	mg/kg	2246	mg/kg	Route	2.1E-004	mg/kg-day	2.0E+000	(mg/kg/day)-1	4.1E-004
	Aluminum	17468	mg/kg	17468	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Arsenic	25.1	mg/kg	25.1	mg/kg	Route	5.0E-007	mg/kg-day	1.5E+000	(mg/kg/day)-1	7.4E-007
	Barium	869	mg/kg	869	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cadmium	32	mg/kg	32	mg/kg	Route	2.1E-008	mg/kg-day	N/A	N/A	--
	Chromium	32	mg/kg	32	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Copper	230	mg/kg	230	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cyanide	0.39	mg/kg	0.39	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Iron	26753	mg/kg	26753	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Manganese	463	mg/kg	463	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Mercury	0.44	mg/kg	0.44	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Thallium	0.87	mg/kg	0.87	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vanadium	43	mg/kg	43	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Zinc	601	mg/kg	601	mg/kg	Route	N/A	N/A	N/A	N/A	--
Inhalation	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	8.0E-008	mg/kg-day	1.8E-001	(mg/kg-day)-1	1.4E-008
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	1.3E-012	mg/kg-day	NA	N/A	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	1.2E-007	mg/kg-day	2.7E-002	(mg/kg-day)-1	3.2E-009
	cis-1,2-Dichloroethene	2.4	mg/kg	2.4	mg/kg	Route	1.1E-006	mg/kg-day	NA	N/A	--
	Tetrachloroethylene	0.49	mg/kg	0.49	mg/kg	Route	2.3E-007	mg/kg-day	1.1E-002	(mg/kg-day)-1	2.5E-009
	Trichloroethene	2	mg/kg	2	mg/kg	Route	7.2E-007	mg/kg-day	4.0E-001	(mg/kg-day)-1	2.9E-007
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	7.6E-007	mg/kg-day	1.5E-002	(mg/kg-day)-1	1.2E-008
	2-Methylnaphthalene	2.7	mg/kg	2.7	mg/kg	Route	5.3E-008	mg/kg-day	NA	N/A	--
	Acenaphthene	1.1	mg/kg	1.1	mg/kg	Route	5.5E-009	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	2.2	mg/kg	2.2	mg/kg	Route	2.7E-010	mg/kg-day	3.1E-001	(mg/kg-day)-1	8.3E-011
	Benzo(a)pyrene	2.1	mg/kg	2.1	mg/kg	Route	1.1E-010	mg/kg-day	3.1E+000	(mg/kg-day)-1	3.3E-010
	Benzo(b)fluoranthene	3.4	mg/kg	3.4	mg/kg	Route	8.1E-010	mg/kg-day	3.1E-001	(mg/kg-day)-1	2.5E-010
	Benzo(k)fluoranthene	2.4	mg/kg	2.4	mg/kg	Route	8.0E-011	mg/kg-day	3.1E-002	(mg/kg-day)-1	2.5E-012
	Carbazole	1.2	mg/kg	1.2	mg/kg	Route	5.9E-010	mg/kg-day	NA	N/A	--

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TABLE 8.13.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Chrysene	3.2	mg/kg	3.2	mg/kg	Route	1.3E-009	mg/kg-day	3.1E-003	(mg/kg-day)-1	4.0E-012
	Dibenzofuran	4.7	mg/kg	4.7	mg/kg	Route	1.3E-011	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	1.8	mg/kg	1.8	mg/kg	Route	2.8E-011	mg/kg-day	3.1E+000	(mg/kg-day)-1	8.5E-011
	Fluoranthene	419	mg/kg	419	mg/kg	Route	1.5E-007	mg/kg-day	NA	N/A	--
	Fluorene	7.1	mg/kg	7.1	mg/kg	Route	1.5E-008	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	1.9	mg/kg	1.9	mg/kg	Route	4.4E-011	mg/kg-day	3.1E-001	(mg/kg-day)-1	1.4E-011
	Naphthalene	3.2	mg/kg	3.2	mg/kg	Route	6.3E-008	mg/kg-day	NA	N/A	--
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	6.2E-010	mg/kg-day	NA	N/A	--
	Pyrene	2.9	mg/kg	2.9	mg/kg	Route	8.5E-010	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	2.2E-014	mg/kg-day	1.5E+005	(mg/kg-day)-1	3.2E-009
	4,4'-DDE	20.8	mg/kg	20.8	mg/kg	Route	9.8E-010	mg/kg-day	NA	N/A	--
	4,4'-DDT	0.97	mg/kg	0.97	mg/kg	Route	3.8E-011	mg/kg-day	3.4E-001	(mg/kg-day)-1	1.3E-011
	Acetophenone	0.76	mg/kg	0.76	mg/kg	Route	2.1E-012	mg/kg-day	NA	N/A	--
	Aldrin	17	mg/kg	17	mg/kg	Route	2.7E-009	mg/kg-day	1.7E+001	(mg/kg-day)-1	4.7E-008
	alpha-BHC	0.91	mg/kg	0.91	mg/kg	Route	1.8E-009	mg/kg-day	6.3E+000	(mg/kg-day)-1	1.1E-008
	alpha-chlordane	0.69	mg/kg	0.69	mg/kg	Route	3.4E-010	mg/kg-day	3.5E-001	(mg/kg-day)-1	1.2E-010
	Aroclor 1242	29	mg/kg	29	mg/kg	Route	4.8E-008	mg/kg-day	NA	N/A	--
	Aroclor 1248	454	mg/kg	454	mg/kg	Route	7.5E-007	mg/kg-day	NA	N/A	--
	Aroclor 1254	1755	mg/kg	1755	mg/kg	Route	2.9E-006	mg/kg-day	NA	N/A	--
	Dieldrin	31	mg/kg	31	mg/kg	Route	1.6E-008	mg/kg-day	1.6E+001	(mg/kg-day)-1	2.6E-007
	Endosulfan sulfate	2.5	mg/kg	2.5	mg/kg	Route	6.8E-012	mg/kg-day	NA	N/A	--
	Endrin	1.9	mg/kg	1.9	mg/kg	Route	9.6E-010	mg/kg-day	NA	N/A	--
	Endrin aldehyde	4	mg/kg	4	mg/kg	Route	2.0E-009	mg/kg-day	NA	N/A	--
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	8.7E-013	mg/kg-day	3.5E-001	(mg/kg-day)-1	3.0E-013
	Heptachlor	0.54	mg/kg	0.54	mg/kg	Route	2.6E-010	mg/kg-day	4.6E+000	(mg/kg-day)-1	1.2E-009
	Heptachlor epoxide	4.1	mg/kg	4.1	mg/kg	Route	9.0E-010	mg/kg-day	9.1E+000	(mg/kg-day)-1	8.1E-009
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	1.0E-011	mg/kg-day	1.5E+005	(mg/kg-day)-1	1.5E-006
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	5.2E-005	mg/kg-day	4.0E-001	(mg/kg-day)-1	2.1E-005
	Total PCBs	2246	mg/kg	2246	mg/kg	Route	3.7E-006	mg/kg-day	4.0E-001	(mg/kg-day)-1	1.5E-006
	Aluminum	17468	mg/kg	17468	mg/kg	Route	4.7E-008	mg/kg-day	NA	N/A	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	1.5E-011	mg/kg-day	NA	N/A	--
	Arsenic	25.1	mg/kg	25.1	mg/kg	Route	6.8E-011	mg/kg-day	1.5E+001	(mg/kg-day)-1	1.0E-009
	Barium	869	mg/kg	869	mg/kg	Route	2.4E-009	mg/kg-day	N/A	N/A	--

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TABLE 8.13.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Cadmium	32	mg/kg	32	mg/kg	Route	8.7E-011	mg/kg-day	6.3E+000	(mg/kg-day)-1	5.5E-010
	Chromium	32	mg/kg	32	mg/kg	Route	8.7E-011	mg/kg-day	NA	N/A	--
	Copper	230	mg/kg	230	mg/kg	Route	6.2E-010	mg/kg-day	NA	N/A	--
	Cyanide	0.39	mg/kg	0.39	mg/kg	Route	1.1E-012	mg/kg-day	NA	N/A	--
	Iron	26753	mg/kg	26753	mg/kg	Route	7.2E-008	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	463	mg/kg	463	mg/kg	Route	1.3E-009	mg/kg-day	NA	N/A	--
	Mercury	0.44	mg/kg	0.44	mg/kg	Route	1.8E-007	mg/kg-day	NA	N/A	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	2.7E-011	mg/kg-day	NA	N/A	--
	Thallium	0.87	mg/kg	0.87	mg/kg	Route	2.4E-012	mg/kg-day	NA	N/A	--
	Vanadium	43	mg/kg	43	mg/kg	Route	1.2E-010	mg/kg-day	NA	N/A	--
	Zinc	601	mg/kg	601	mg/kg	Route	1.6E-009	mg/kg-day	NA	N/A	--
										Total Risk Across All Exposure Routes/Pathways (2)	9.0E-004

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.
(2) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total.
Instead, these are shown as a separate line below the table.

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 6.0E-002

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TABLE 8.13.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Ingestion	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	1.4E-009	mg/kg-day	6.0E-001	(mg/kg-day) -1	8.3E-010
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	8.3E-009	mg/kg-day	NA	N/A	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	4.3E-009	mg/kg-day	5.5E-002	(mg/kg-day) -1	2.4E-010
	cis-1,2-Dichloroethene	2.4	mg/kg	2.4	mg/kg	Route	4.1E-008	mg/kg-day	NA	N/A	--
	Tetrachloroethylene	0.49	mg/kg	0.49	mg/kg	Route	8.5E-009	mg/kg-day	5.2E-002	N/A	4.4E-010
	Trichloroethene	2	mg/kg	2	mg/kg	Route	3.4E-008	mg/kg-day	4.0E-001	(mg/kg-day) -1	1.4E-008
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	7.2E-009	mg/kg-day	7.2E-001	(mg/kg-day) -1	5.2E-009
	2-Methylnaphthalene	2.7	mg/kg	2.7	mg/kg	Route	4.7E-008	mg/kg-day	NA	N/A	--
	Acenaphthene	1.1	mg/kg	1.1	mg/kg	Route	1.9E-008	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	2.2	mg/kg	2.2	mg/kg	Route	3.8E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	2.8E-008
	Benzo(a)pyrene	2.1	mg/kg	2.1	mg/kg	Route	3.6E-008	mg/kg-day	7.3E+000	(mg/kg/day)-1	2.6E-007
	Benzo(b)fluoranthene	3.4	mg/kg	3.4	mg/kg	Route	5.9E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	4.3E-008
	Benzo(k)fluoranthene	2.4	mg/kg	2.4	mg/kg	Route	4.1E-008	mg/kg-day	7.3E-002	(mg/kg-day) -1	3.0E-009
	Carbazole	1.2	mg/kg	1.2	mg/kg	Route	2.1E-008	mg/kg-day	2.0E-002	(mg/kg-day) -1	4.1E-010
	Chrysene	3.2	mg/kg	3.2	mg/kg	Route	5.5E-008	mg/kg-day	7.3E-003	(mg/kg-day) -1	4.0E-010
	Dibenzofuran	4.7	mg/kg	4.7	mg/kg	Route	8.1E-008	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	1.8	mg/kg	1.8	mg/kg	Route	3.1E-008	mg/kg-day	7.3E+000	(mg/kg-day) -1	2.3E-007
	Fluoranthene	419	mg/kg	419	mg/kg	Route	7.2E-006	mg/kg-day	NA	N/A	--
	Fluorene	7.1	mg/kg	7.1	mg/kg	Route	1.2E-007	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	1.9	mg/kg	1.9	mg/kg	Route	3.3E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	2.4E-008
	Naphthalene	3.2	mg/kg	3.2	mg/kg	Route	5.5E-008	mg/kg-day	NA	N/A	--
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	3.6E-008	mg/kg-day	NA	N/A	--
	Pyrene	2.9	mg/kg	2.9	mg/kg	Route	5.0E-008	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	1.4E-010	mg/kg-day	1.5E+005	(mg/kg/day)-1	2.1E-005
	4,4'-DDE	20.8	mg/kg	20.8	mg/kg	Route	3.6E-007	mg/kg-day	3.4E-001	(mg/kg/day)-1	1.2E-007
	4,4'-DDT	0.97	mg/kg	0.97	mg/kg	Route	1.7E-008	mg/kg-day	3.4E-001	(mg/kg/day)-1	5.7E-009
	Acetophenone	0.76	mg/kg	0.76	mg/kg	Route	1.3E-008	mg/kg-day	NA	N/A	--
	Aldrin	17	mg/kg	17	mg/kg	Route	2.9E-007	mg/kg-day	1.7E+001	(mg/kg/day)-1	5.0E-006
	alpha-BHC	0.91	mg/kg	0.91	mg/kg	Route	1.6E-008	mg/kg-day	6.3E+000	(mg/kg/day)-1	9.9E-008
	alpha-chlordane	0.69	mg/kg	0.69	mg/kg	Route	1.2E-008	mg/kg-day	3.5E-001	(mg/kg/day)-1	4.2E-009
	Aroclor 1242	29	mg/kg	29	mg/kg	Route	5.0E-007	mg/kg-day	NA	N/A	--
	Aroclor 1248	454	mg/kg	454	mg/kg	Route	7.8E-006	mg/kg-day	NA	N/A	--
	Aroclor 1254	1755	mg/kg	1755	mg/kg	Route	3.0E-005	mg/kg-day	NA	N/A	--

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TABLE 8.13.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Dieldrin	31	mg/kg	31	mg/kg	Route	5.3E-007	mg/kg-day	1.6E+001	(mg/kg/day)-1	8.6E-006
	Endosulfan sulfate	2.5	mg/kg	2.5	mg/kg	Route	4.3E-008	mg/kg-day	NA	N/A	--
	Endrin	1.9	mg/kg	1.9	mg/kg	Route	3.3E-008	mg/kg-day	NA	N/A	--
	Endrin aldehyde	4	mg/kg	4	mg/kg	Route	6.9E-008	mg/kg-day	NA	N/A	--
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	5.5E-009	mg/kg-day	3.5E-001	(mg/kg/day)-1	1.9E-009
	Heptachlor	0.54	mg/kg	0.54	mg/kg	Route	9.3E-009	mg/kg-day	4.5E+000	(mg/kg/day)-1	4.2E-008
	Heptachlor epoxide	4.1	mg/kg	4.1	mg/kg	Route	7.1E-008	mg/kg-day	9.1E+000	(mg/kg/day)-1	6.4E-007
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	6.6E-008	mg/kg-day	1.5E+005	(mg/kg/day)-1	9.8E-003
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	5.4E-004	mg/kg-day	2.0E+000	(mg/kg/day)-1	1.1E-003
	Total PCBs	2246	mg/kg	2246	mg/kg	Route	3.9E-005	mg/kg-day	2.0E+000	(mg/kg/day)-1	7.7E-005
	Aluminum	17468	mg/kg	17468	mg/kg	Route	3.0E-004	mg/kg-day	NA	N/A	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	9.8E-008	mg/kg-day	NA	N/A	--
	Arsenic	25.1	mg/kg	25.1	mg/kg	Route	4.3E-007	mg/kg-day	1.5E+000	(mg/kg/day)-1	6.5E-007
	Barium	869	mg/kg	869	mg/kg	Route	1.5E-005	mg/kg-day	NA	N/A	--
	Cadmium	32	mg/kg	32	mg/kg	Route	5.5E-007	mg/kg-day	NA	N/A	--
	Chromium	32	mg/kg	32	mg/kg	Route	5.5E-007	mg/kg-day	NA	N/A	--
	Copper	230	mg/kg	230	mg/kg	Route	4.0E-006	mg/kg-day	NA	N/A	--
	Cyanide	0.39	mg/kg	0.39	mg/kg	Route	6.7E-009	mg/kg-day	NA	N/A	--
	Iron	26753	mg/kg	26753	mg/kg	Route	4.6E-004	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	463	mg/kg	463	mg/kg	Route	8.0E-006	mg/kg-day	NA	N/A	--
	Mercury	0.44	mg/kg	0.44	mg/kg	Route	7.6E-009	mg/kg-day	NA	N/A	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	1.7E-007	mg/kg-day	NA	N/A	--
	Thallium	0.87	mg/kg	0.87	mg/kg	Route	1.5E-008	mg/kg-day	NA	N/A	--
	Vanadium	43	mg/kg	43	mg/kg	Route	7.4E-007	mg/kg-day	NA	N/A	--
	Zinc	601	mg/kg	601	mg/kg	Route	1.0E-005	mg/kg-day	NA	N/A	--
Dermal Absorption	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	N/A	N/A	N/A	N/A	--
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	N/A	N/A	N/A	N/A	--
	cis-1,2-Dichloroethene	2.4	mg/kg	2.4	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Tetrachloroethylene	0.49	mg/kg	0.49	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Trichloroethene	2	mg/kg	2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	N/A	N/A	N/A	N/A	--

302055

TABLE 8.13.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	2-Methylnaphthalene	2.7	mg/kg	2.7	mg/kg	Route	2.3E-008	mg/kg-day	N/A	N/A	--
	Acenaphthene	1.1	mg/kg	1.1	mg/kg	Route	9.4E-009	mg/kg-day	N/A	N/A	--
	Benzo(a)anthracene	2.2	mg/kg	2.2	mg/kg	Route	1.9E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.4E-008
	Benzo(a)pyrene	2.1	mg/kg	2.1	mg/kg	Route	1.8E-008	mg/kg-day	7.3E+000	(mg/kg/day)-1	1.3E-007
	Benzo(b)fluoranthene	3.4	mg/kg	3.4	mg/kg	Route	2.9E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	2.1E-008
	Benzo(k)fluoranthene	2.4	mg/kg	2.4	mg/kg	Route	2.1E-008	mg/kg-day	7.3E-002	(mg/kg-day) -1	1.5E-009
	Carbazole	1.2	mg/kg	1.2	mg/kg	Route	7.9E-009	mg/kg-day	2.0E-002	(mg/kg-day) -1	1.6E-010
	Chrysene	3.2	mg/kg	3.2	mg/kg	Route	2.7E-008	mg/kg-day	7.3E-003	(mg/kg-day) -1	2.0E-010
	Dibenzofuran	4.7	mg/kg	4.7	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Dibenz(a,h)anthracene	1.8	mg/kg	1.8	mg/kg	Route	1.5E-008	mg/kg-day	7.3E+000	(mg/kg-day) -1	1.1E-007
	Fluoranthene	419	mg/kg	419	mg/kg	Route	3.6E-006	mg/kg-day	N/A	N/A	--
	Fluorene	7.1	mg/kg	7.1	mg/kg	Route	6.1E-008	mg/kg-day	N/A	N/A	--
	Indeno(1,2,3-cd)pyrene	1.9	mg/kg	1.9	mg/kg	Route	1.6E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.2E-008
	Naphthalene	3.2	mg/kg	3.2	mg/kg	Route	2.7E-008	mg/kg-day	N/A	N/A	--
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	1.8E-008	mg/kg-day	N/A	N/A	--
	Pyrene	2.9	mg/kg	2.9	mg/kg	Route	2.5E-008	mg/kg-day	N/A	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	1.6E-011	mg/kg-day	1.5E+005	(mg/kg/day)-1	2.4E-006
	4,4'-DDE	20.8	mg/kg	20.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	4,4'-DDT	0.97	mg/kg	0.97	mg/kg	Route	1.9E-009	mg/kg-day	3.4E-001	(mg/kg/day)-1	6.5E-010
	Acetophenone	0.76	mg/kg	0.76	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aldrin	17	mg/kg	17	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-BHC	0.91	mg/kg	0.91	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-chlordane	0.69	mg/kg	0.69	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aroclor 1242	29	mg/kg	29	mg/kg	Route	2.7E-007	mg/kg-day	N/A	N/A	--
	Aroclor 1248	454	mg/kg	454	mg/kg	Route	4.2E-006	mg/kg-day	N/A	N/A	--
	Aroclor 1254	1755	mg/kg	1755	mg/kg	Route	1.6E-005	mg/kg-day	N/A	N/A	--
	Dieldrin	31	mg/kg	31	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endosulfan sulfate	2.5	mg/kg	2.5	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin	1.9	mg/kg	1.9	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin aldehyde	4	mg/kg	4	mg/kg	Route	N/A	N/A	N/A	N/A	--
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	8.4E-010	mg/kg-day	3.5E-001	(mg/kg/day)-1	2.9E-010
	Heptachlor	0.54	mg/kg	0.54	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor epoxide	4.1	mg/kg	4.1	mg/kg	Route	N/A	N/A	N/A	N/A	--

302056

TABLE 8.13.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	7.5E-009	mg/kg-day	1.5E+005	(mg/kg/day)-1	1.1E-003
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.9E-004	mg/kg-day	2.0E+000	(mg/kg/day)-1	5.8E-004
	Total PCBs	2246	mg/kg	2246	mg/kg	Route	2.1E-005	mg/kg-day	2.0E+000	(mg/kg/day)-1	4.1E-005
	Aluminum	17468	mg/kg	17468	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Arsenic	25.1	mg/kg	25.1	mg/kg	Route	5.0E-008	mg/kg-day	1.5E+000	(mg/kg/day)-1	7.4E-008
	Barium	869	mg/kg	869	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cadmium	32	mg/kg	32	mg/kg	Route	2.1E-009	mg/kg-day	N/A	N/A	--
	Chromium	32	mg/kg	32	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Copper	230	mg/kg	230	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cyanide	0.39	mg/kg	0.39	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Iron	26753	mg/kg	26753	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Manganese	463	mg/kg	463	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Mercury	0.44	mg/kg	0.44	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Thallium	0.87	mg/kg	0.87	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vanadium	43	mg/kg	43	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Zinc	601	mg/kg	601	mg/kg	Route	N/A	N/A	N/A	N/A	--
Inhalation	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	1.7E-008	mg/kg-day	1.8E-001	(mg/kg-day)-1	2.9E-009
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	2.7E-013	mg/kg-day	NA	N/A	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	2.4E-008	mg/kg-day	2.7E-002	(mg/kg-day)-1	6.6E-010
	cis-1,2-Dichloroethene	2.4	mg/kg	2.4	mg/kg	Route	2.3E-007	mg/kg-day	NA	N/A	--
	Tetrachloroethylene	0.49	mg/kg	0.49	mg/kg	Route	4.8E-008	mg/kg-day	1.1E-002	(mg/kg-day)-1	5.2E-010
	Trichloroethene	2	mg/kg	2	mg/kg	Route	1.5E-007	mg/kg-day	4.0E-001	(mg/kg-day)-1	6.0E-008
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	1.6E-007	mg/kg-day	1.5E-002	(mg/kg-day)-1	2.4E-009
	2-Methylnaphthalene	2.7	mg/kg	2.7	mg/kg	Route	1.1E-008	mg/kg-day	NA	N/A	--
	Acenaphthene	1.1	mg/kg	1.1	mg/kg	Route	1.1E-009	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	2.2	mg/kg	2.2	mg/kg	Route	5.6E-011	mg/kg-day	3.1E-001	(mg/kg-day)-1	1.7E-011
	Benzo(a)pyrene	2.1	mg/kg	2.1	mg/kg	Route	2.2E-011	mg/kg-day	3.1E+000	(mg/kg-day)-1	6.9E-011
	Benzo(b)fluoranthene	3.4	mg/kg	3.4	mg/kg	Route	1.7E-010	mg/kg-day	3.1E-001	(mg/kg-day)-1	5.2E-011
	Benzo(k)fluoranthene	2.4	mg/kg	2.4	mg/kg	Route	1.7E-011	mg/kg-day	3.1E-002	(mg/kg-day)-1	5.1E-013
	Carbazole	1.2	mg/kg	1.2	mg/kg	Route	1.2E-010	mg/kg-day	NA	N/A	--

302057

TABLE 8.13.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Chrysene	3.2	mg/kg	3.2	mg/kg	Route	2.7E-010	mg/kg-day	3.1E-003	(mg/kg-day)-1	8.3E-013
	Dibenzofuran	4.7	mg/kg	4.7	mg/kg	Route	2.6E-012	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	1.8	mg/kg	1.8	mg/kg	Route	5.7E-012	mg/kg-day	3.1E+000	(mg/kg-day)-1	1.8E-011
	Fluoranthene	419	mg/kg	419	mg/kg	Route	3.2E-008	mg/kg-day	NA	N/A	--
	Fluorene	7.1	mg/kg	7.1	mg/kg	Route	3.2E-009	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	1.9	mg/kg	1.9	mg/kg	Route	9.2E-012	mg/kg-day	3.1E-001	(mg/kg-day)-1	2.9E-012
	Naphthalene	3.2	mg/kg	3.2	mg/kg	Route	1.3E-008	mg/kg-day	NA	N/A	--
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	1.3E-010	mg/kg-day	NA	N/A	--
	Pyrene	2.9	mg/kg	2.9	mg/kg	Route	1.8E-010	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	4.5E-015	mg/kg-day	1.5E+005	(mg/kg-day)-1	6.8E-010
	4,4'-DDE	20.8	mg/kg	20.8	mg/kg	Route	2.0E-010	mg/kg-day	NA	N/A	--
	4,4'-DDT	0.97	mg/kg	0.97	mg/kg	Route	8.0E-012	mg/kg-day	3.4E-001	(mg/kg-day)-1	2.7E-012
	Acetophenone	0.76	mg/kg	0.76	mg/kg	Route	4.3E-013	mg/kg-day	NA	N/A	--
	Aldrin	17	mg/kg	17	mg/kg	Route	5.7E-010	mg/kg-day	1.7E+001	(mg/kg-day)-1	9.8E-009
	alpha-BHC	0.91	mg/kg	0.91	mg/kg	Route	3.8E-010	mg/kg-day	6.3E+000	(mg/kg-day)-1	2.4E-009
	alpha-chlordane	0.69	mg/kg	0.69	mg/kg	Route	7.0E-011	mg/kg-day	3.5E-001	(mg/kg-day)-1	2.4E-011
	Aroclor 1242	29	mg/kg	29	mg/kg	Route	1.0E-008	mg/kg-day	NA	N/A	--
	Aroclor 1248	454	mg/kg	454	mg/kg	Route	1.6E-007	mg/kg-day	NA	N/A	--
	Aroclor 1254	1755	mg/kg	1755	mg/kg	Route	6.1E-007	mg/kg-day	NA	N/A	--
	Dieldrin	31	mg/kg	31	mg/kg	Route	3.3E-009	mg/kg-day	1.6E+001	(mg/kg-day)-1	5.4E-008
	Endosulfan sulfate	2.5	mg/kg	2.5	mg/kg	Route	1.4E-012	mg/kg-day	NA	N/A	--
	Endrin	1.9	mg/kg	1.9	mg/kg	Route	2.0E-010	mg/kg-day	NA	N/A	--
	Endrin aldehyde	4	mg/kg	4	mg/kg	Route	4.2E-010	mg/kg-day	NA	N/A	--
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	1.8E-013	mg/kg-day	3.5E-001	(mg/kg-day)-1	6.3E-014
	Heptachlor	0.54	mg/kg	0.54	mg/kg	Route	5.5E-011	mg/kg-day	4.6E+000	(mg/kg-day)-1	2.5E-010
	Heptachlor epoxide	4.1	mg/kg	4.1	mg/kg	Route	1.9E-010	mg/kg-day	9.1E+000	(mg/kg-day)-1	1.7E-009
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	2.1E-012	mg/kg-day	1.5E+005	(mg/kg-day)-1	3.2E-007
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	1.1E-005	mg/kg-day	4.0E-001	(mg/kg-day)-1	4.4E-006
	Total PCBs	2246	mg/kg	2246	mg/kg	Route	7.8E-007	mg/kg-day	4.0E-001	(mg/kg-day)-1	3.1E-007
	Aluminum	17468	mg/kg	17468	mg/kg	Route	9.8E-009	mg/kg-day	NA	N/A	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	3.2E-012	mg/kg-day	NA	N/A	--
	Arsenic	25.1	mg/kg	25.1	mg/kg	Route	1.4E-011	mg/kg-day	1.5E+001	(mg/kg-day)-1	2.1E-010
	Barium	869	mg/kg	869	mg/kg	Route	4.9E-010	mg/kg-day	N/A	N/A	--

302058

TABLE 8.13.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Cadmium	32	mg/kg	32	mg/kg	Route	1.8E-011	mg/kg-day	6.3E+000	(mg/kg-day)-1	1.1E-010
	Chromium	32	mg/kg	32	mg/kg	Route	1.8E-011	mg/kg-day	NA	N/A	--
	Copper	230	mg/kg	230	mg/kg	Route	1.3E-010	mg/kg-day	NA	N/A	--
	Cyanide	0.39	mg/kg	0.39	mg/kg	Route	2.2E-013	mg/kg-day	NA	N/A	--
	Iron	26753	mg/kg	26753	mg/kg	Route	1.5E-008	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	463	mg/kg	463	mg/kg	Route	2.6E-010	mg/kg-day	NA	N/A	--
	Mercury	0.44	mg/kg	0.44	mg/kg	Route	3.8E-008	mg/kg-day	NA	N/A	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	5.5E-012	mg/kg-day	NA	N/A	--
	Thallium	0.87	mg/kg	0.87	mg/kg	Route	4.9E-013	mg/kg-day	NA	N/A	--
	Vanadium	43	mg/kg	43	mg/kg	Route	2.4E-011	mg/kg-day	NA	N/A	--
	Zinc	601	mg/kg	601	mg/kg	Route	3.4E-010	mg/kg-day	NA	N/A	--
										Total Risk Across All Exposure Routes/Pathways (2)	1.6E-004
										(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs)	1.3E-002

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.
(2) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total.
Instead, these are shown as a separate line below the table.

302059

TABLE 8.14.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Ingestion	Benzene	0.001	mg/kg	0.001	mg/kg	Route	3.1E-010	mg/kg-day	5.5E-002	(mg/kg-day) -1	1.7E-011
	Trichloroethene	0.04	mg/kg	0.04	mg/kg	Route	1.3E-008	mg/kg-day	4.0E-001	(mg/kg-day) -1	5.0E-009
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	2.7E-007	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	1.6	mg/kg	1.6	mg/kg	Route	5.0E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	3.7E-007
	Benzo(a)pyrene	1.3	mg/kg	1.3	mg/kg	Route	4.1E-007	mg/kg-day	7.3E+000	(mg/kg/day)-1	3.0E-006
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	3.8E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	2.8E-007
	Benzo(k)fluoranthene	1.6	mg/kg	1.6	mg/kg	Route	5.0E-007	mg/kg-day	7.3E-002	(mg/kg-day) -1	3.7E-008
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	1.7E-007	mg/kg-day	7.3E+000	(mg/kg-day) -1	1.2E-006
	Indeno(1,2,3-cd)pyrene	0.81	mg/kg	0.81	mg/kg	Route	2.5E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.9E-007
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	6.3E-007	mg/kg-day	3.4E-001	(mg/kg/day)-1	2.1E-007
	Aldrin	2.4	mg/kg	2.4	mg/kg	Route	7.5E-007	mg/kg-day	1.7E+001	(mg/kg/day)-1	1.3E-005
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	5.0E-008	mg/kg-day	6.3E+000	(mg/kg/day)-1	3.2E-007
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	4.4E-008	mg/kg-day	3.5E-001	(mg/kg/day)-1	1.5E-008
	Aroclor 1242	9.6	mg/kg	9.6	mg/kg	Route	3.0E-006	mg/kg-day	NA	N/A	--
	Aroclor 1248	62.7	mg/kg	62.7	mg/kg	Route	2.0E-005	mg/kg-day	NA	N/A	--
	Aroclor 1254	108	mg/kg	108	mg/kg	Route	3.4E-005	mg/kg-day	NA	N/A	--
	Dieldrin	2.9	mg/kg	2.9	mg/kg	Route	9.1E-007	mg/kg-day	1.6E+001	(mg/kg/day)-1	1.5E-005
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	1.0E-007	mg/kg-day	NA	N/A	--
	Endrin	1.8	mg/kg	1.8	mg/kg	Route	5.7E-007	mg/kg-day	NA	N/A	--
	Heptachlor	1.8	mg/kg	1.8	mg/kg	Route	5.7E-007	mg/kg-day	4.5E+000	(mg/kg/day)-1	2.5E-006
	Heptachlor epoxide	0.91	mg/kg	0.91	mg/kg	Route	2.9E-007	mg/kg-day	9.1E+000	(mg/kg/day)-1	2.6E-006
	Total PCBs	154	mg/kg	154	mg/kg	Route	4.8E-005	mg/kg-day	2.0E+000	(mg/kg/day)-1	9.7E-005
	Aluminum	13580	mg/kg	13580	mg/kg	Route	4.3E-003	mg/kg-day	NA	N/A	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	1.0E-006	mg/kg-day	NA	N/A	--
	Arsenic	21	mg/kg	21	mg/kg	Route	6.6E-006	mg/kg-day	1.5E+000	(mg/kg/day)-1	9.9E-006
	Barium	292	mg/kg	292	mg/kg	Route	9.2E-005	mg/kg-day	NA	N/A	--

302060

TABLE 8.14.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Cadmium	12.8	mg/kg	12.8	mg/kg	Route	4.0E-006	mg/kg-day	NA	N/A	--
	Chromium	24.8	mg/kg	24.8	mg/kg	Route	7.8E-006	mg/kg-day	NA	N/A	--
	Copper	308	mg/kg	308	mg/kg	Route	9.7E-005	mg/kg-day	NA	N/A	--
	Iron	25928	mg/kg	25928	mg/kg	Route	8.2E-003	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	799	mg/kg	799	mg/kg	Route	2.5E-004	mg/kg-day	NA	N/A	--
	Mercury	0.73	mg/kg	0.73	mg/kg	Route	2.3E-007	mg/kg-day	NA	N/A	--
	Nickel	53	mg/kg	53	mg/kg	Route	1.7E-005	mg/kg-day	NA	N/A	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	8.8E-007	mg/kg-day	NA	N/A	--
	Vanadium	39	mg/kg	39	mg/kg	Route	1.2E-005	mg/kg-day	NA	N/A	--
	Cyanide	0.51	mg/kg	0.51	mg/kg	Route	1.6E-007	mg/kg-day	NA	N/A	--
Dermal	Benzene	0.001	mg/kg	0.001	mg/kg	Route	N/A	N/A	N/A	N/A	--
Absorption	Trichloroethene	0.04	mg/kg	0.04	mg/kg	Route	N/A	N/A	N/A	N/A	--
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	2.3E-007	mg/kg-day	N/A	N/A	--
	Benzo(a)anthracene	1.6	mg/kg	1.6	mg/kg	Route	4.3E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	3.2E-007
	Benzo(a)pyrene	1.3	mg/kg	1.3	mg/kg	Route	3.5E-007	mg/kg-day	7.3E+000	(mg/kg/day)-1	2.6E-006
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	3.2E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	2.4E-007
	Benzo(k)fluoranthene	1.6	mg/kg	1.6	mg/kg	Route	4.3E-007	mg/kg-day	7.3E-002	(mg/kg-day) -1	3.2E-008
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	1.4E-007	mg/kg-day	7.3E+000	(mg/kg-day) -1	1.0E-006
	Indeno(1,2,3-cd)pyrene	0.81	mg/kg	0.81	mg/kg	Route	2.2E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.6E-007
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aldrin	2.4	mg/kg	2.4	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aroclor 1242	9.6	mg/kg	9.6	mg/kg	Route	2.8E-006	mg/kg-day	N/A	N/A	--
	Aroclor 1248	62.7	mg/kg	62.7	mg/kg	Route	1.8E-005	mg/kg-day	N/A	N/A	--

302061

TABLE 8.14.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Aroclor 1254	108	mg/kg	108	mg/kg	Route	3.1E-005	mg/kg-day	N/A	N/A	--
	Dieldrin	2.9	mg/kg	2.9	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin	1.8	mg/kg	1.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor	1.8	mg/kg	1.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor epoxide	0.91	mg/kg	0.91	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Total PCBs	154	mg/kg	154	mg/kg	Route	4.5E-005	mg/kg-day	2.0E+000	(mg/kg/day)-1	9.0E-005
	Aluminum	13580	mg/kg	13580	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Arsenic	21	mg/kg	21	mg/kg	Route	1.3E-006	mg/kg-day	1.5E+000	(mg/kg/day)-1	2.0E-006
	Barium	292	mg/kg	292	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cadmium	12.8	mg/kg	12.8	mg/kg	Route	2.7E-008	mg/kg-day	N/A	N/A	--
	Chromium	24.8	mg/kg	24.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Copper	308	mg/kg	308	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Iron	25928	mg/kg	25928	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Manganese	799	mg/kg	799	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Mercury	0.73	mg/kg	0.73	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Nickel	53	mg/kg	53	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vanadium	39	mg/kg	39	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cyanide	0.51	mg/kg	0.51	mg/kg	Route	N/A	N/A	N/A	N/A	--
Inhalation	Benzene	0.001	mg/kg	0.001	mg/kg	Route	1.1E-008	mg/kg-day	2.7E-002	(mg/kg-day)-1	2.9E-010
	Trichloroethene	0.04	mg/kg	0.04	mg/kg	Route	3.3E-007	mg/kg-day	4.0E-001	(mg/kg-day)-1	1.3E-007
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	3.8E-007	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	1.6	mg/kg	1.6	mg/kg	Route	4.5E-009	mg/kg-day	3.1E-001	(mg/kg-day)-1	1.4E-009

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TABLE 8.14.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Benzo(a)pyrene	1.3	mg/kg	1.3	mg/kg	Route	1.6E-009	mg/kg-day	3.1E+000	(mg/kg-day)-1	4.8E-009
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	6.6E-009	mg/kg-day	3.1E-001	(mg/kg-day)-1	2.0E-009
	Benzo(k)fluoranthene	1.6	mg/kg	1.6	mg/kg	Route	1.3E-009	mg/kg-day	3.1E-002	(mg/kg-day)-1	4.0E-011
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	2.1E-010	mg/kg-day	3.1E+000	(mg/kg-day)-1	6.4E-010
	Indeno(1,2,3-cd)pyrene	0.81	mg/kg	0.81	mg/kg	Route	4.6E-010	mg/kg-day	3.1E-001	(mg/kg-day)-1	1.4E-010
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	2.2E-009	mg/kg-day	NA	N/A	--
	Aldrin	2.4	mg/kg	2.4	mg/kg	Route	8.9E-009	mg/kg-day	1.7E+001	(mg/kg-day)-1	1.5E-007
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	7.3E-009	mg/kg-day	6.3E+000	(mg/kg-day)-1	4.6E-008
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	1.6E-009	mg/kg-day	3.5E-001	(mg/kg-day)-1	5.5E-010
	Aroclor 1242	9.6	mg/kg	9.6	mg/kg	Route	6.0E-007	mg/kg-day	NA	N/A	--
	Aroclor 1248	62.7	mg/kg	62.7	mg/kg	Route	3.9E-006	mg/kg-day	NA	N/A	--
	Aroclor 1254	108	mg/kg	108	mg/kg	Route	6.8E-006	mg/kg-day	NA	N/A	--
	Dieldrin	2.9	mg/kg	2.9	mg/kg	Route	3.4E-008	mg/kg-day	1.6E+001	(mg/kg-day)-1	5.5E-007
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	3.3E-011	mg/kg-day	NA	N/A	--
	Endrin	1.8	mg/kg	1.8	mg/kg	Route	2.1E-008	mg/kg-day	NA	N/A	--
	Heptachlor	1.8	mg/kg	1.8	mg/kg	Route	2.0E-008	mg/kg-day	4.6E+000	(mg/kg-day)-1	9.1E-008
	Heptachlor epoxide	0.91	mg/kg	0.91	mg/kg	Route	4.6E-009	mg/kg-day	9.1E+000	(mg/kg-day)-1	4.2E-008
	Total PCBs	154	mg/kg	154	mg/kg	Route	9.7E-006	mg/kg-day	4.0E-001	(mg/kg-day)-1	3.9E-006
	Aluminum	13580	mg/kg	13580	mg/kg	Route	1.4E-006	mg/kg-day	NA	N/A	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	3.3E-010	mg/kg-day	NA	N/A	--
	Arsenic	21	mg/kg	21	mg/kg	Route	2.2E-009	mg/kg-day	1.5E+001	(mg/kg-day)-1	3.2E-008
	Barium	292	mg/kg	292	mg/kg	Route	3.0E-008	mg/kg-day	N/A	N/A	--
	Cadmium	12.8	mg/kg	12.8	mg/kg	Route	1.3E-009	mg/kg-day	6.3E+000	(mg/kg-day)-1	8.3E-009
	Chromium	24.8	mg/kg	24.8	mg/kg	Route	2.5E-009	mg/kg-day	NA	N/A	--
	Copper	308	mg/kg	308	mg/kg	Route	3.2E-008	mg/kg-day	NA	N/A	--
	Iron	25928	mg/kg	25928	mg/kg	Route	2.7E-006	mg/kg-day	NA	N/A	--

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TABLE 8.14.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	799	mg/kg	799	mg/kg	Route	8.2E-008	mg/kg-day	NA	N/A	--
	Mercury	0.73	mg/kg	0.73	mg/kg	Route	6.9E-006	mg/kg-day	NA	N/A	--
	Nickel	53	mg/kg	53	mg/kg	Route	5.4E-009	mg/kg-day	NA	N/A	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	2.9E-010	mg/kg-day	NA	N/A	--
	Vanadium	39	mg/kg	39	mg/kg	Route	4.0E-009	mg/kg-day	NA	N/A	--
	Cyanide	0.51	mg/kg	0.51	mg/kg	Route	5.2E-011	mg/kg-day	NA	N/A	--
										Total Risk Across All Exposure Routes/Pathways	2.5E-004

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.

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TABLE 8.14.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Ingestion	Benzene	0.001	mg/kg	0.001	mg/kg	Route	8.1E-011	mg/kg-day	5.5E-002	(mg/kg-day) -1	4.4E-012
	Trichloroethene	0.04	mg/kg	0.04	mg/kg	Route	3.2E-009	mg/kg-day	4.0E-001	(mg/kg-day) -1	1.3E-009
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	7.0E-008	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	1.6	mg/kg	1.6	mg/kg	Route	1.3E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	9.4E-008
	Benzo(a)pyrene	1.3	mg/kg	1.3	mg/kg	Route	1.1E-007	mg/kg-day	7.3E+000	(mg/kg/day)-1	7.7E-007
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	9.7E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	7.1E-008
	Benzo(k)fluoranthene	1.6	mg/kg	1.6	mg/kg	Route	1.3E-007	mg/kg-day	7.3E-002	(mg/kg-day) -1	9.4E-009
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	4.3E-008	mg/kg-day	7.3E+000	(mg/kg-day) -1	3.1E-007
	Indeno(1,2,3-cd)pyrene	0.81	mg/kg	0.81	mg/kg	Route	6.5E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	4.8E-008
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	1.6E-007	mg/kg-day	3.4E-001	(mg/kg/day)-1	5.5E-008
	Aldrin	2.4	mg/kg	2.4	mg/kg	Route	1.9E-007	mg/kg-day	1.7E+001	(mg/kg/day)-1	3.3E-006
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	1.3E-008	mg/kg-day	6.3E+000	(mg/kg/day)-1	8.1E-008
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	1.1E-008	mg/kg-day	3.5E-001	(mg/kg/day)-1	4.0E-009
	Aroclor 1242	9.6	mg/kg	9.6	mg/kg	Route	7.8E-007	mg/kg-day	NA	N/A	--
	Aroclor 1248	62.7	mg/kg	62.7	mg/kg	Route	5.1E-006	mg/kg-day	NA	N/A	--
	Aroclor 1254	108	mg/kg	108	mg/kg	Route	8.7E-006	mg/kg-day	NA	N/A	--
	Dieldrin	2.9	mg/kg	2.9	mg/kg	Route	2.3E-007	mg/kg-day	1.6E+001	(mg/kg/day)-1	3.7E-006
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	2.6E-008	mg/kg-day	NA	N/A	--
	Endrin	1.8	mg/kg	1.8	mg/kg	Route	1.5E-007	mg/kg-day	NA	N/A	--
	Heptachlor	1.8	mg/kg	1.8	mg/kg	Route	1.5E-007	mg/kg-day	4.5E+000	(mg/kg/day)-1	6.5E-007
	Heptachlor epoxide	0.91	mg/kg	0.91	mg/kg	Route	7.4E-008	mg/kg-day	9.1E+000	(mg/kg/day)-1	6.7E-007
	Total PCBs	154	mg/kg	154	mg/kg	Route	1.2E-005	mg/kg-day	2.0E+000	(mg/kg/day)-1	2.5E-005
	Aluminum	13580	mg/kg	13580	mg/kg	Route	1.1E-003	mg/kg-day	NA	N/A	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	2.6E-007	mg/kg-day	NA	N/A	--
	Arsenic	21	mg/kg	21	mg/kg	Route	1.7E-006	mg/kg-day	1.5E+000	(mg/kg/day)-1	2.5E-006
	Barium	292	mg/kg	292	mg/kg	Route	2.4E-005	mg/kg-day	NA	N/A	--

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TABLE 8.14.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Cadmium	12.8	mg/kg	12.8	mg/kg	Route	1.0E-006	mg/kg-day	NA	N/A	--
	Chromium	24.8	mg/kg	24.8	mg/kg	Route	2.0E-006	mg/kg-day	NA	N/A	--
	Copper	308	mg/kg	308	mg/kg	Route	2.5E-005	mg/kg-day	NA	N/A	--
	Iron	25928	mg/kg	25928	mg/kg	Route	2.1E-003	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	799	mg/kg	799	mg/kg	Route	6.5E-005	mg/kg-day	NA	N/A	--
	Mercury	0.73	mg/kg	0.73	mg/kg	Route	5.9E-008	mg/kg-day	NA	N/A	--
	Nickel	53	mg/kg	53	mg/kg	Route	4.3E-006	mg/kg-day	NA	N/A	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	2.3E-007	mg/kg-day	NA	N/A	--
	Vanadium	39	mg/kg	39	mg/kg	Route	3.2E-006	mg/kg-day	NA	N/A	--
	Cyanide	0.51	mg/kg	0.51	mg/kg	Route	4.1E-008	mg/kg-day	NA	N/A	--
Dermal Absorption	Benzene	0.001	mg/kg	0.001	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Trichloroethene	0.04	mg/kg	0.04	mg/kg	Route	N/A	N/A	N/A	N/A	--
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	6.0E-009	mg/kg-day	N/A	N/A	--
	Benzo(a)anthracene	1.6	mg/kg	1.6	mg/kg	Route	1.1E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	8.1E-009
	Benzo(a)pyrene	1.3	mg/kg	1.3	mg/kg	Route	9.0E-009	mg/kg-day	7.3E+000	(mg/kg/day)-1	6.6E-008
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	8.3E-009	mg/kg-day	7.3E-001	(mg/kg-day) -1	6.1E-009
	Benzo(k)fluoranthene	1.6	mg/kg	1.6	mg/kg	Route	1.1E-008	mg/kg-day	7.3E-002	(mg/kg-day) -1	8.1E-010
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	3.7E-009	mg/kg-day	7.3E+000	(mg/kg-day) -1	2.7E-008
	Indeno(1,2,3-cd)pyrene	0.81	mg/kg	0.81	mg/kg	Route	5.6E-009	mg/kg-day	7.3E-001	(mg/kg-day) -1	4.1E-009
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aldrin	2.4	mg/kg	2.4	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aroclor 1242	9.6	mg/kg	9.6	mg/kg	Route	7.2E-008	mg/kg-day	N/A	N/A	--
	Aroclor 1248	62.7	mg/kg	62.7	mg/kg	Route	4.7E-007	mg/kg-day	N/A	N/A	--

302066

TABLE 8.14.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Aroclor 1254	108	mg/kg	108	mg/kg	Route	8.1E-007	mg/kg-day	N/A	N/A	--
	Dieldrin	2.9	mg/kg	2.9	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin	1.8	mg/kg	1.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor	1.8	mg/kg	1.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor epoxide	0.91	mg/kg	0.91	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Total PCBs	154	mg/kg	154	mg/kg	Route	1.1E-006	mg/kg-day	2.0E+000	(mg/kg/day)-1	2.3E-006
	Aluminum	13580	mg/kg	13580	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Arsenic	21	mg/kg	21	mg/kg	Route	3.4E-008	mg/kg-day	1.5E+000	(mg/kg/day)-1	5.0E-008
	Barium	292	mg/kg	292	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cadmium	12.8	mg/kg	12.8	mg/kg	Route	6.8E-010	mg/kg-day	N/A	N/A	--
	Chromium	24.8	mg/kg	24.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Copper	308	mg/kg	308	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Iron	25928	mg/kg	25928	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Manganese	799	mg/kg	799	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Mercury	0.73	mg/kg	0.73	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Nickel	53	mg/kg	53	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vanadium	39	mg/kg	39	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cyanide	0.51	mg/kg	0.51	mg/kg	Route	N/A	N/A	N/A	N/A	--

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TABLE 8.14.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Inhalation	Benzene	0.001	mg/kg	0.001	mg/kg	Route	2.7E-009	mg/kg-day	2.7E-002	(mg/kg-day)-1	7.4E-011
	Trichloroethene	0.04	mg/kg	0.04	mg/kg	Route	8.4E-008	mg/kg-day	4.0E-001	(mg/kg-day)-1	3.4E-008
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	9.9E-008	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	1.6	mg/kg	1.6	mg/kg	Route	1.2E-009	mg/kg-day	3.1E-001	(mg/kg-day)-1	3.6E-010
	Benzo(a)pyrene	1.3	mg/kg	1.3	mg/kg	Route	4.0E-010	mg/kg-day	3.1E+000	(mg/kg-day)-1	1.2E-009
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	1.7E-009	mg/kg-day	3.1E-001	(mg/kg-day)-1	5.2E-010
	Benzo(k)fluoranthene	1.6	mg/kg	1.6	mg/kg	Route	3.3E-010	mg/kg-day	3.1E-002	(mg/kg-day)-1	1.0E-011
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	5.3E-011	mg/kg-day	3.1E+000	(mg/kg-day)-1	1.6E-010
	Indeno(1,2,3-cd)pyrene	0.81	mg/kg	0.81	mg/kg	Route	1.2E-010	mg/kg-day	3.1E-001	(mg/kg-day)-1	3.7E-011
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	5.7E-010	mg/kg-day	NA	N/A	--
	Aldrin	2.4	mg/kg	2.4	mg/kg	Route	2.3E-009	mg/kg-day	1.7E+001	(mg/kg-day)-1	3.9E-008
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	1.9E-009	mg/kg-day	6.3E+000	(mg/kg-day)-1	1.2E-008
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	4.0E-010	mg/kg-day	3.5E-001	(mg/kg-day)-1	1.4E-010
	Aroclor 1242	9.6	mg/kg	9.6	mg/kg	Route	1.6E-007	mg/kg-day	NA	N/A	--
	Aroclor 1248	62.7	mg/kg	62.7	mg/kg	Route	1.0E-006	mg/kg-day	NA	N/A	--
	Aroclor 1254	108	mg/kg	108	mg/kg	Route	1.7E-006	mg/kg-day	NA	N/A	--
	Dieldrin	2.9	mg/kg	2.9	mg/kg	Route	8.8E-009	mg/kg-day	1.6E+001	(mg/kg-day)-1	1.4E-007
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	8.5E-012	mg/kg-day	NA	N/A	--
	Endrin	1.8	mg/kg	1.8	mg/kg	Route	5.3E-009	mg/kg-day	NA	N/A	--
	Heptachlor	1.8	mg/kg	1.8	mg/kg	Route	5.1E-009	mg/kg-day	4.6E+000	(mg/kg-day)-1	2.3E-008
	Heptachlor epoxide	0.91	mg/kg	0.91	mg/kg	Route	1.2E-009	mg/kg-day	9.1E+000	(mg/kg-day)-1	1.1E-008
	Total PCBs	154	mg/kg	154	mg/kg	Route	2.5E-006	mg/kg-day	4.0E-001	(mg/kg-day)-1	1.0E-006
	Aluminum	13580	mg/kg	13580	mg/kg	Route	3.6E-007	mg/kg-day	NA	N/A	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	8.5E-011	mg/kg-day	NA	N/A	--
	Arsenic	21	mg/kg	21	mg/kg	Route	5.5E-010	mg/kg-day	1.5E+001	(mg/kg-day)-1	8.3E-009
	Barium	292	mg/kg	292	mg/kg	Route	7.7E-009	mg/kg-day	N/A	N/A	--

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TABLE 8.14.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Cadmium	12.8	mg/kg	12.8	mg/kg	Route	3.4E-010	mg/kg-day	6.3E+000	(mg/kg-day)-1	2.1E-009
	Chromium	24.8	mg/kg	24.8	mg/kg	Route	6.5E-010	mg/kg-day	NA	N/A	--
	Copper	308	mg/kg	308	mg/kg	Route	8.1E-009	mg/kg-day	NA	N/A	--
	Iron	25928	mg/kg	25928	mg/kg	Route	6.8E-007	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	799	mg/kg	799	mg/kg	Route	2.1E-008	mg/kg-day	NA	N/A	--
	Mercury	0.73	mg/kg	0.73	mg/kg	Route	1.8E-006	mg/kg-day	NA	N/A	--
	Nickel	53	mg/kg	53	mg/kg	Route	1.4E-009	mg/kg-day	NA	N/A	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	7.4E-011	mg/kg-day	NA	N/A	--
	Vanadium	39	mg/kg	39	mg/kg	Route	1.0E-009	mg/kg-day	NA	N/A	--
	Cyanide	0.51	mg/kg	0.51	mg/kg	Route	1.3E-011	mg/kg-day	NA	N/A	--
										Total Risk Across All Exposure Routes/Pathways	4.1E-005

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.

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TABLE 8.15.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Ingestion	Benzene	0.001	mg/kg	0.001	mg/kg	Route	3.1E-010	mg/kg-day	5.5E-002	(mg/kg-day) -1	1.7E-011
	Trichloroethene	0.027	mg/kg	0.027	mg/kg	Route	8.5E-009	mg/kg-day	4.0E-001	(mg/kg-day) -1	3.4E-009
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	2.7E-007	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	0.8	mg/kg	0.8	mg/kg	Route	2.5E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.8E-007
	Benzo(a)pyrene	0.85	mg/kg	0.85	mg/kg	Route	2.7E-007	mg/kg-day	7.3E+000	(mg/kg/day)-1	2.0E-006
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	3.8E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	2.8E-007
	Benzo(k)fluoranthene	0.71	mg/kg	0.71	mg/kg	Route	2.2E-007	mg/kg-day	7.3E-002	(mg/kg-day) -1	1.6E-008
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	1.7E-007	mg/kg-day	7.3E+000	(mg/kg-day) -1	1.2E-006
	Indeno(1,2,3-cd)pyrene	0.65	mg/kg	0.65	mg/kg	Route	2.0E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.5E-007
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	6.3E-007	mg/kg-day	3.4E-001	(mg/kg/day)-1	2.1E-007
	Aldrin	1.3	mg/kg	1.3	mg/kg	Route	4.1E-007	mg/kg-day	1.7E+001	(mg/kg/day)-1	7.0E-006
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	5.0E-008	mg/kg-day	6.3E+000	(mg/kg/day)-1	3.2E-007
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	4.4E-008	mg/kg-day	3.5E-001	(mg/kg/day)-1	1.5E-008
	Aroclor 1242	4.2	mg/kg	4.2	mg/kg	Route	1.3E-006	mg/kg-day	NA	N/A	--
	Aroclor 1248	11	mg/kg	11	mg/kg	Route	3.5E-006	mg/kg-day	NA	N/A	--
	Aroclor 1254	80	mg/kg	80	mg/kg	Route	2.5E-005	mg/kg-day	NA	N/A	--
	Dieldrin	0.26	mg/kg	0.26	mg/kg	Route	8.2E-008	mg/kg-day	1.6E+001	(mg/kg/day)-1	1.3E-006
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	1.0E-007	mg/kg-day	NA	N/A	--
	Endrin	0.43	mg/kg	0.43	mg/kg	Route	1.4E-007	mg/kg-day	NA	N/A	--
	Heptachlor	0.12	mg/kg	0.12	mg/kg	Route	3.8E-008	mg/kg-day	4.5E+000	(mg/kg/day)-1	1.7E-007
	Heptachlor epoxide	0.91	mg/kg	0.91	mg/kg	Route	2.9E-007	mg/kg-day	9.1E+000	(mg/kg/day)-1	2.6E-006
	Total PCBs	122	mg/kg	122	mg/kg	Route	3.8E-005	mg/kg-day	2.0E+000	(mg/kg/day)-1	7.7E-005
	Aluminum	12135	mg/kg	12135	mg/kg	Route	3.8E-003	mg/kg-day	NA	N/A	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	1.0E-006	mg/kg-day	NA	N/A	--
	Arsenic	21	mg/kg	21	mg/kg	Route	6.6E-006	mg/kg-day	1.5E+000	(mg/kg/day)-1	9.9E-006
	Barium	292	mg/kg	292	mg/kg	Route	9.2E-005	mg/kg-day	NA	N/A	--

302070

TABLE 8.15.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Cadmium	7.6	mg/kg	7.6	mg/kg	Route	2.4E-006	mg/kg-day	NA	N/A	--
	Chromium	25	mg/kg	25	mg/kg	Route	7.9E-006	mg/kg-day	NA	N/A	--
	Copper	308	mg/kg	308	mg/kg	Route	9.7E-005	mg/kg-day	NA	N/A	--
	Iron	25928	mg/kg	25928	mg/kg	Route	8.2E-003	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	799	mg/kg	799	mg/kg	Route	2.5E-004	mg/kg-day	NA	N/A	--
	Mercury	0.21	mg/kg	0.21	mg/kg	Route	6.6E-008	mg/kg-day	NA	N/A	--
	Nickel	42	mg/kg	42	mg/kg	Route	1.3E-005	mg/kg-day	NA	N/A	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	8.8E-007	mg/kg-day	NA	N/A	--
	Vanadium	28	mg/kg	28	mg/kg	Route	8.8E-006	mg/kg-day	NA	N/A	--
	Cyanide	0.2	mg/kg	0.2	mg/kg	Route	6.3E-008	mg/kg-day	NA	N/A	--
Dermal Absorption	Benzene	0.001	mg/kg	0.001	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Trichloroethene	0.027	mg/kg	0.027	mg/kg	Route	N/A	N/A	N/A	N/A	--
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	2.3E-007	mg/kg-day	N/A	N/A	--
	Benzo(a)anthracene	0.8	mg/kg	0.8	mg/kg	Route	2.2E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.6E-007
	Benzo(a)pyrene	0.85	mg/kg	0.85	mg/kg	Route	2.3E-007	mg/kg-day	7.3E+000	(mg/kg/day)-1	1.7E-006
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	3.2E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	2.4E-007
	Benzo(k)fluoranthene	0.71	mg/kg	0.71	mg/kg	Route	1.9E-007	mg/kg-day	7.3E-002	(mg/kg-day) -1	1.4E-008
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	1.4E-007	mg/kg-day	7.3E+000	(mg/kg-day) -1	1.0E-006
	Indeno(1,2,3-cd)pyrene	0.65	mg/kg	0.65	mg/kg	Route	1.8E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.3E-007
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aldrin	1.3	mg/kg	1.3	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aroclor 1242	4.2	mg/kg	4.2	mg/kg	Route	1.2E-006	mg/kg-day	N/A	N/A	--
	Aroclor 1248	11	mg/kg	11	mg/kg	Route	3.2E-006	mg/kg-day	N/A	N/A	--

302071

TABLE 8.15.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Aroclor 1254	80	mg/kg	80	mg/kg	Route	2.3E-005	mg/kg-day	N/A	N/A	--
	Dieldrin	0.26	mg/kg	0.26	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin	0.43	mg/kg	0.43	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor	0.12	mg/kg	0.12	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor epoxide	0.91	mg/kg	0.91	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Total PCBs	122	mg/kg	122	mg/kg	Route	3.5E-005	mg/kg-day	2.0E+000	(mg/kg/day)-1	7.1E-005
	Aluminum	12135	mg/kg	12135	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Arsenic	21	mg/kg	21	mg/kg	Route	1.3E-006	mg/kg-day	1.5E+000	(mg/kg/day)-1	2.0E-006
	Barium	292	mg/kg	292	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cadmium	7.6	mg/kg	7.6	mg/kg	Route	1.6E-008	mg/kg-day	N/A	N/A	--
	Chromium	25	mg/kg	25	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Copper	308	mg/kg	308	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Iron	25928	mg/kg	25928	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Manganese	799	mg/kg	799	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Mercury	0.21	mg/kg	0.21	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Nickel	42	mg/kg	42	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vanadium	28	mg/kg	28	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cyanide	0.2	mg/kg	0.2	mg/kg	Route	N/A	N/A	N/A	N/A	--

302072

TABLE 8.15.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Inhalation	Benzene	0.001	mg/kg	0.001	mg/kg	Route	1.1E-008	mg/kg-day	2.7E-002	(mg/kg-day)-1	2.9E-010
	Trichloroethene	0.027	mg/kg	0.027	mg/kg	Route	2.2E-007	mg/kg-day	4.0E-001	(mg/kg-day)-1	8.9E-008
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	3.8E-007	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	0.8	mg/kg	0.8	mg/kg	Route	2.3E-009	mg/kg-day	3.1E-001	(mg/kg-day)-1	7.0E-010
	Benzo(a)pyrene	0.85	mg/kg	0.85	mg/kg	Route	1.0E-009	mg/kg-day	3.1E+000	(mg/kg-day)-1	3.1E-009
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	6.6E-009	mg/kg-day	3.1E-001	(mg/kg-day)-1	2.0E-009
	Benzo(k)fluoranthene	0.71	mg/kg	0.71	mg/kg	Route	5.7E-010	mg/kg-day	3.1E-002	(mg/kg-day)-1	1.8E-011
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	2.1E-010	mg/kg-day	3.1E+000	(mg/kg-day)-1	6.4E-010
	Indeno(1,2,3-cd)pyrene	0.65	mg/kg	0.65	mg/kg	Route	3.7E-010	mg/kg-day	3.1E-001	(mg/kg-day)-1	1.2E-010
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	2.2E-009	mg/kg-day	NA	N/A	--
	Aldrin	1.3	mg/kg	1.3	mg/kg	Route	4.8E-009	mg/kg-day	1.7E+001	(mg/kg-day)-1	8.2E-008
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	7.3E-009	mg/kg-day	6.3E+000	(mg/kg-day)-1	4.6E-008
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	1.6E-009	mg/kg-day	3.5E-001	(mg/kg-day)-1	5.5E-010
	Aroclor 1242	4.2	mg/kg	4.2	mg/kg	Route	2.6E-007	mg/kg-day	NA	N/A	--
	Aroclor 1248	11	mg/kg	11	mg/kg	Route	6.9E-007	mg/kg-day	NA	N/A	--
	Aroclor 1254	80	mg/kg	80	mg/kg	Route	5.0E-006	mg/kg-day	NA	N/A	--
	Dieldrin	0.26	mg/kg	0.26	mg/kg	Route	3.1E-009	mg/kg-day	1.6E+001	(mg/kg-day)-1	4.9E-008
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	3.3E-011	mg/kg-day	NA	N/A	--
	Endrin	0.43	mg/kg	0.43	mg/kg	Route	4.9E-009	mg/kg-day	NA	N/A	--
	Heptachlor	0.12	mg/kg	0.12	mg/kg	Route	1.3E-009	mg/kg-day	4.6E+000	(mg/kg-day)-1	6.1E-009
	Heptachlor epoxide	0.91	mg/kg	0.91	mg/kg	Route	4.6E-009	mg/kg-day	9.1E+000	(mg/kg-day)-1	4.2E-008
	Total PCBs	122	mg/kg	122	mg/kg	Route	7.7E-006	mg/kg-day	4.0E-001	(mg/kg-day)-1	3.1E-006
	Aluminum	12135	mg/kg	12135	mg/kg	Route	1.2E-006	mg/kg-day	NA	N/A	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	3.3E-010	mg/kg-day	NA	N/A	--
	Arsenic	21	mg/kg	21	mg/kg	Route	2.2E-009	mg/kg-day	1.5E+001	(mg/kg-day)-1	3.2E-008
	Barium	292	mg/kg	292	mg/kg	Route	3.0E-008	mg/kg-day	N/A	N/A	--

302073

TABLE 8.15.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Cadmium	7.6	mg/kg	7.6	mg/kg	Route	7.8E-010	mg/kg-day	6.3E+000	(mg/kg-day)-1	4.9E-009
	Chromium	25	mg/kg	25	mg/kg	Route	2.6E-009	mg/kg-day	NA	N/A	--
	Copper	308	mg/kg	308	mg/kg	Route	3.2E-008	mg/kg-day	NA	N/A	--
	Iron	25928	mg/kg	25928	mg/kg	Route	2.7E-006	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	799	mg/kg	799	mg/kg	Route	8.2E-008	mg/kg-day	NA	N/A	--
	Mercury	0.21	mg/kg	0.21	mg/kg	Route	2.0E-006	mg/kg-day	NA	N/A	--
	Nickel	42	mg/kg	42	mg/kg	Route	4.3E-009	mg/kg-day	NA	N/A	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	2.9E-010	mg/kg-day	NA	N/A	--
	Vanadium	28	mg/kg	28	mg/kg	Route	2.9E-009	mg/kg-day	NA	N/A	--
	Cyanide	0.2	mg/kg	0.2	mg/kg	Route	2.1E-011	mg/kg-day	NA	N/A	--
										Total Risk Across All Exposure Routes/Pathways	1.8E-004

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.

302074

TABLE 8.15.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Ingestion	Benzene	0.001	mg/kg	0.001	mg/kg	Route	8.1E-011	mg/kg-day	5.5E-002	(mg/kg-day) -1	4.4E-012
	Trichloroethene	0.027	mg/kg	0.027	mg/kg	Route	2.2E-009	mg/kg-day	4.0E-001	(mg/kg-day) -1	8.7E-010
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	7.0E-008	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	0.8	mg/kg	0.8	mg/kg	Route	6.5E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	4.7E-008
	Benzo(a)pyrene	0.85	mg/kg	0.85	mg/kg	Route	6.9E-008	mg/kg-day	7.3E+000	(mg/kg/day)-1	5.0E-007
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	9.7E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	7.1E-008
	Benzo(k)fluoranthene	0.71	mg/kg	0.71	mg/kg	Route	5.7E-008	mg/kg-day	7.3E-002	(mg/kg-day) -1	4.2E-009
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	4.3E-008	mg/kg-day	7.3E+000	(mg/kg-day) -1	3.1E-007
	Indeno(1,2,3-cd)pyrene	0.65	mg/kg	0.65	mg/kg	Route	5.3E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	3.8E-008
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	1.6E-007	mg/kg-day	3.4E-001	(mg/kg/day)-1	5.5E-008
	Aldrin	1.3	mg/kg	1.3	mg/kg	Route	1.1E-007	mg/kg-day	1.7E+001	(mg/kg/day)-1	1.8E-006
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	1.3E-008	mg/kg-day	6.3E+000	(mg/kg/day)-1	8.1E-008
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	1.1E-008	mg/kg-day	3.5E-001	(mg/kg/day)-1	4.0E-009
	Aroclor 1242	4.2	mg/kg	4.2	mg/kg	Route	3.4E-007	mg/kg-day	NA	N/A	--
	Aroclor 1248	11	mg/kg	11	mg/kg	Route	8.9E-007	mg/kg-day	NA	N/A	--
	Aroclor 1254	80	mg/kg	80	mg/kg	Route	6.5E-006	mg/kg-day	NA	N/A	--
	Dieldrin	0.26	mg/kg	0.26	mg/kg	Route	2.1E-008	mg/kg-day	1.6E+001	(mg/kg/day)-1	3.4E-007
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	2.6E-008	mg/kg-day	NA	N/A	--
	Endrin	0.43	mg/kg	0.43	mg/kg	Route	3.5E-008	mg/kg-day	NA	N/A	--
	Heptachlor	0.12	mg/kg	0.12	mg/kg	Route	9.7E-009	mg/kg-day	4.5E+000	(mg/kg/day)-1	4.4E-008
	Heptachlor epoxide	0.91	mg/kg	0.91	mg/kg	Route	7.4E-008	mg/kg-day	9.1E+000	(mg/kg/day)-1	6.7E-007
	Total PCBs	122	mg/kg	122	mg/kg	Route	9.9E-006	mg/kg-day	2.0E+000	(mg/kg/day)-1	2.0E-005
	Aluminum	12135	mg/kg	12135	mg/kg	Route	9.8E-004	mg/kg-day	NA	N/A	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	2.6E-007	mg/kg-day	NA	N/A	--
	Arsenic	21	mg/kg	21	mg/kg	Route	1.7E-006	mg/kg-day	1.5E+000	(mg/kg/day)-1	2.5E-006
	Barium	292	mg/kg	292	mg/kg	Route	2.4E-005	mg/kg-day	NA	N/A	--

302075

TABLE 8.15 CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Cadmium	7.6	mg/kg	7.6	mg/kg	Route	6.1E-007	mg/kg-day	NA	N/A	--
	Chromium	25	mg/kg	25	mg/kg	Route	2.0E-006	mg/kg-day	NA	N/A	--
	Copper	308	mg/kg	308	mg/kg	Route	2.5E-005	mg/kg-day	NA	N/A	--
	Iron	25928	mg/kg	25928	mg/kg	Route	2.1E-003	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	799	mg/kg	799	mg/kg	Route	6.5E-005	mg/kg-day	NA	N/A	--
	Mercury	0.21	mg/kg	0.21	mg/kg	Route	1.7E-008	mg/kg-day	NA	N/A	--
	Nickel	42	mg/kg	42	mg/kg	Route	3.4E-006	mg/kg-day	NA	N/A	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	2.3E-007	mg/kg-day	NA	N/A	--
	Vanadium	28	mg/kg	28	mg/kg	Route	2.3E-006	mg/kg-day	NA	N/A	--
	Cyanide	0.2	mg/kg	0.2	mg/kg	Route	1.6E-008	mg/kg-day	NA	N/A	--
Dermal Absorption	Benzene	0.001	mg/kg	0.001	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Trichloroethene	0.027	mg/kg	0.027	mg/kg	Route	N/A	N/A	N/A	N/A	--
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	6.0E-009	mg/kg-day	N/A	N/A	--
	Benzo(a)anthracene	0.8	mg/kg	0.8	mg/kg	Route	5.5E-009	mg/kg-day	7.3E-001	(mg/kg-day) -1	4.0E-009
	Benzo(a)pyrene	0.85	mg/kg	0.85	mg/kg	Route	5.9E-009	mg/kg-day	7.3E+000	(mg/kg/day)-1	4.3E-008
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	8.3E-009	mg/kg-day	7.3E-001	(mg/kg-day) -1	6.1E-009
	Benzo(k)fluoranthene	0.71	mg/kg	0.71	mg/kg	Route	4.9E-009	mg/kg-day	7.3E-002	(mg/kg-day) -1	3.6E-010
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	3.7E-009	mg/kg-day	7.3E+000	(mg/kg-day) -1	2.7E-008
	Indeno(1,2,3-cd)pyrene	0.65	mg/kg	0.65	mg/kg	Route	4.5E-009	mg/kg-day	7.3E-001	(mg/kg-day) -1	3.3E-009
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aldrin	1.3	mg/kg	1.3	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aroclor 1242	4.2	mg/kg	4.2	mg/kg	Route	3.1E-008	mg/kg-day	N/A	N/A	--
	Aroclor 1248	11	mg/kg	11	mg/kg	Route	8.2E-008	mg/kg-day	N/A	N/A	--

302076

TABLE 8.15.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Aroclor 1254	80	mg/kg	80	mg/kg	Route	6.0E-007	mg/kg-day	N/A	N/A	--
	Dieldrin	0.26	mg/kg	0.26	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin	0.43	mg/kg	0.43	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor	0.12	mg/kg	0.12	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor epoxide	0.91	mg/kg	0.91	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Total PCBs	122	mg/kg	122	mg/kg	Route	9.1E-007	mg/kg-day	2.0E+000	(mg/kg/day)-1	1.8E-006
	Aluminum	12135	mg/kg	12135	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Arsenic	21	mg/kg	21	mg/kg	Route	3.4E-008	mg/kg-day	1.5E+000	(mg/kg/day)-1	5.0E-008
	Barium	292	mg/kg	292	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cadmium	7.6	mg/kg	7.6	mg/kg	Route	4.1E-010	mg/kg-day	N/A	N/A	--
	Chromium	25	mg/kg	25	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Copper	308	mg/kg	308	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Iron	25928	mg/kg	25928	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Manganese	799	mg/kg	799	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Mercury	0.21	mg/kg	0.21	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Nickel	42	mg/kg	42	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vanadium	28	mg/kg	28	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cyanide	0.2	mg/kg	0.2	mg/kg	Route	N/A	N/A	N/A	N/A	--

302077

TABLE 8.15.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Inhalation	Benzene	0.001	mg/kg	0.001	mg/kg	Route	2.7E-009	mg/kg-day	2.7E-002	(mg/kg-day)-1	7.4E-011
	Trichloroethene	0.027	mg/kg	0.027	mg/kg	Route	5.7E-008	mg/kg-day	4.0E-001	(mg/kg-day)-1	2.3E-008
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	9.9E-008	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	0.8	mg/kg	0.8	mg/kg	Route	5.8E-010	mg/kg-day	3.1E-001	(mg/kg-day)-1	1.8E-010
	Benzo(a)pyrene	0.85	mg/kg	0.85	mg/kg	Route	2.6E-010	mg/kg-day	3.1E+000	(mg/kg-day)-1	8.1E-010
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	1.7E-009	mg/kg-day	3.1E-001	(mg/kg-day)-1	5.2E-010
	Benzo(k)fluoranthene	0.71	mg/kg	0.71	mg/kg	Route	1.5E-010	mg/kg-day	3.1E-002	(mg/kg-day)-1	4.5E-012
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	5.3E-011	mg/kg-day	3.1E+000	(mg/kg-day)-1	1.6E-010
	Indeno(1,2,3-cd)pyrene	0.65	mg/kg	0.65	mg/kg	Route	9.6E-011	mg/kg-day	3.1E-001	(mg/kg-day)-1	3.0E-011
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	5.7E-010	mg/kg-day	NA	N/A	--
	Aldrin	1.3	mg/kg	1.3	mg/kg	Route	1.2E-009	mg/kg-day	1.7E+001	(mg/kg-day)-1	2.1E-008
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	1.9E-009	mg/kg-day	6.3E+000	(mg/kg-day)-1	1.2E-008
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	4.0E-010	mg/kg-day	3.5E-001	(mg/kg-day)-1	1.4E-010
	Aroclor 1242	4.2	mg/kg	4.2	mg/kg	Route	6.8E-008	mg/kg-day	NA	N/A	--
	Aroclor 1248	11	mg/kg	11	mg/kg	Route	1.8E-007	mg/kg-day	NA	N/A	--
	Aroclor 1254	80	mg/kg	80	mg/kg	Route	1.3E-006	mg/kg-day	NA	N/A	--
	Dieldrin	0.26	mg/kg	0.26	mg/kg	Route	7.9E-010	mg/kg-day	1.6E+001	(mg/kg-day)-1	1.3E-008
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	8.5E-012	mg/kg-day	NA	N/A	--
	Endrin	0.43	mg/kg	0.43	mg/kg	Route	1.3E-009	mg/kg-day	NA	N/A	--
	Heptachlor	0.12	mg/kg	0.12	mg/kg	Route	3.4E-010	mg/kg-day	4.6E+000	(mg/kg-day)-1	1.6E-009
	Heptachlor epoxide	0.91	mg/kg	0.91	mg/kg	Route	1.2E-009	mg/kg-day	9.1E+000	(mg/kg-day)-1	1.1E-008
	Total PCBs	122	mg/kg	122	mg/kg	Route	2.0E-006	mg/kg-day	4.0E-001	(mg/kg-day)-1	7.9E-007
	Aluminum	12135	mg/kg	12135	mg/kg	Route	3.2E-007	mg/kg-day	NA	N/A	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	8.5E-011	mg/kg-day	NA	N/A	--
	Arsenic	21	mg/kg	21	mg/kg	Route	5.5E-010	mg/kg-day	1.5E+001	(mg/kg-day)-1	8.3E-009
	Barium	292	mg/kg	292	mg/kg	Route	7.7E-009	mg/kg-day	N/A	N/A	--

302078

TABLE 8.15.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Cadmium	7.6	mg/kg	7.6	mg/kg	Route	2.0E-010	mg/kg-day	6.3E+000	(mg/kg-day)-1	1.3E-009
	Chromium	25	mg/kg	25	mg/kg	Route	6.6E-010	mg/kg-day	NA	N/A	--
	Copper	308	mg/kg	308	mg/kg	Route	8.1E-009	mg/kg-day	NA	N/A	--
	Iron	25928	mg/kg	25928	mg/kg	Route	6.8E-007	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	799	mg/kg	799	mg/kg	Route	2.1E-008	mg/kg-day	NA	N/A	--
	Mercury	0.21	mg/kg	0.21	mg/kg	Route	5.1E-007	mg/kg-day	NA	N/A	--
	Nickel	42	mg/kg	42	mg/kg	Route	1.1E-009	mg/kg-day	NA	N/A	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	7.4E-011	mg/kg-day	NA	N/A	--
	Vanadium	28	mg/kg	28	mg/kg	Route	7.4E-010	mg/kg-day	NA	N/A	--
	Cyanide	0.2	mg/kg	0.2	mg/kg	Route	5.3E-012	mg/kg-day	NA	N/A	--
										Total Risk Across All Exposure Routes/Pathways	2.9E-005

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.

302079

TABLE 8.16.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Ingestion	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	2.5E-008	mg/kg-day	6.0E-001	(mg/kg-day) -1	1.5E-008
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	1.5E-007	mg/kg-day	NA	N/A	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	7.9E-008	mg/kg-day	5.5E-002	(mg/kg-day) -1	4.3E-009
	cis-1,2-Dichloroethene	7.1	mg/kg	7.1	mg/kg	Route	2.2E-006	mg/kg-day	NA	N/A	--
	Tetrachloroethylene	0.91	mg/kg	0.91	mg/kg	Route	2.9E-007	mg/kg-day	5.2E-002	N/A	1.5E-008
	Trichloroethene	8.4	mg/kg	8.4	mg/kg	Route	2.6E-006	mg/kg-day	4.0E-001	(mg/kg-day) -1	1.1E-006
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	1.3E-007	mg/kg-day	7.2E-001	(mg/kg-day) -1	9.5E-008
	2-Methylnaphthalene	47.6	mg/kg	47.6	mg/kg	Route	1.5E-005	mg/kg-day	NA	N/A	--
	Acenaphthene	276	mg/kg	276	mg/kg	Route	8.7E-005	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	111	mg/kg	111	mg/kg	Route	3.5E-005	mg/kg-day	7.3E-001	(mg/kg-day) -1	2.5E-005
	Benzo(a)pyrene	84	mg/kg	84	mg/kg	Route	2.6E-005	mg/kg-day	7.3E+000	(mg/kg/day)-1	1.9E-004
	Benzo(b)fluoranthene	28	mg/kg	28	mg/kg	Route	8.8E-006	mg/kg-day	7.3E-001	(mg/kg-day) -1	6.4E-006
	Benzo(k)fluoranthene	63	mg/kg	63	mg/kg	Route	2.0E-005	mg/kg-day	7.3E-002	(mg/kg-day) -1	1.4E-006
	Carbazole	10	mg/kg	10	mg/kg	Route	3.1E-006	mg/kg-day	2.0E-002	(mg/kg-day) -1	6.3E-008
	Chrysene	105	mg/kg	105	mg/kg	Route	3.3E-005	mg/kg-day	7.3E-003	(mg/kg-day) -1	2.4E-007
	Dibenzofuran	168	mg/kg	168	mg/kg	Route	5.3E-005	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	14	mg/kg	14	mg/kg	Route	4.4E-006	mg/kg-day	7.3E+000	(mg/kg-day) -1	3.2E-005
	Fluoranthene	3.6	mg/kg	3.6	mg/kg	Route	1.1E-006	mg/kg-day	NA	N/A	--
	Fluorene	197	mg/kg	197	mg/kg	Route	6.2E-005	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	35	mg/kg	35	mg/kg	Route	1.1E-005	mg/kg-day	7.3E-001	(mg/kg-day) -1	8.0E-006
	Naphthalene	17	mg/kg	17	mg/kg	Route	5.3E-006	mg/kg-day	NA	N/A	--
	Phenanthrene	700	mg/kg	700	mg/kg	Route	2.2E-004	mg/kg-day	NA	N/A	--
	Pyrene	40	mg/kg	40	mg/kg	Route	1.3E-005	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	2.5E-009	mg/kg-day	1.5E+005	(mg/kg/day)-1	3.8E-004
	4,4'-DDE	1038	mg/kg	1038	mg/kg	Route	3.3E-004	mg/kg-day	3.4E-001	(mg/kg/day)-1	1.1E-004
	4,4'-DDT	2483	mg/kg	2483	mg/kg	Route	7.8E-004	mg/kg-day	3.4E-001	(mg/kg/day)-1	2.7E-004
	Acetophenone	0.76	mg/kg	0.76	mg/kg	Route	2.4E-007	mg/kg-day	NA	N/A	--
	Aldrin	120	mg/kg	120	mg/kg	Route	3.8E-005	mg/kg-day	1.7E+001	(mg/kg/day)-1	6.4E-004
	alpha-BHC	3	mg/kg	3	mg/kg	Route	9.4E-007	mg/kg-day	6.3E+000	(mg/kg/day)-1	5.9E-006
	alpha-chlordane	2.1	mg/kg	2.1	mg/kg	Route	6.6E-007	mg/kg-day	3.5E-001	(mg/kg/day)-1	2.3E-007
	Aroclor 1242	807	mg/kg	807	mg/kg	Route	2.5E-004	mg/kg-day	NA	N/A	--
	Aroclor 1248	3103	mg/kg	3103	mg/kg	Route	9.8E-004	mg/kg-day	NA	N/A	--
	Aroclor 1254	14206	mg/kg	14206	mg/kg	Route	4.5E-003	mg/kg-day	NA	N/A	--

302080

TABLE 8.16.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Dieldrin	1254	mg/kg	1254	mg/kg	Route	3.9E-004	mg/kg-day	1.6E+001	(mg/kg/day)-1	6.3E-003
	Endosulfan sulfate	20	mg/kg	20	mg/kg	Route	6.3E-006	mg/kg-day	NA	N/A	--
	Endrin	14	mg/kg	14	mg/kg	Route	4.4E-006	mg/kg-day	NA	N/A	--
	Endrin aldehyde	183	mg/kg	183	mg/kg	Route	5.8E-005	mg/kg-day	NA	N/A	--
	gamma-Chlordane	1222	mg/kg	1222	mg/kg	Route	3.8E-004	mg/kg-day	3.5E-001	(mg/kg/day)-1	1.3E-004
	Heptachlor	7.3	mg/kg	7.3	mg/kg	Route	2.3E-006	mg/kg-day	4.5E+000	(mg/kg/day)-1	1.0E-005
	Heptachlor epoxide	143	mg/kg	143	mg/kg	Route	4.5E-005	mg/kg-day	9.1E+000	(mg/kg/day)-1	4.1E-004
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	1.2E-006	mg/kg-day	1.5E+005	(mg/kg/day)-1	1.6E-001
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	9.9E-003	mg/kg-day	2.0E+000	(mg/kg/day)-1	2.0E-002
	Total PCBs	15783	mg/kg	15783	mg/kg	Route	5.0E-003	mg/kg-day	2.0E+000	(mg/kg/day)-1	9.9E-003
	Aluminum	33832	mg/kg	33832	mg/kg	Route	1.1E-002	mg/kg-day	NA	N/A	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	1.8E-006	mg/kg-day	NA	N/A	--
	Arsenic	46.3	mg/kg	46.3	mg/kg	Route	1.5E-005	mg/kg-day	1.5E+000	(mg/kg/day)-1	2.2E-005
	Barium	869	mg/kg	869	mg/kg	Route	2.7E-004	mg/kg-day	NA	N/A	--
	Cadmium	32	mg/kg	32	mg/kg	Route	1.0E-005	mg/kg-day	NA	N/A	--
	Chromium	75	mg/kg	75	mg/kg	Route	2.4E-005	mg/kg-day	NA	N/A	--
	Copper	7108	mg/kg	7108	mg/kg	Route	2.2E-003	mg/kg-day	NA	N/A	--
	Iron	46753	mg/kg	46753	mg/kg	Route	1.5E-002	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	763	mg/kg	763	mg/kg	Route	2.4E-004	mg/kg-day	NA	N/A	--
	Mercury	1.1	mg/kg	1.1	mg/kg	Route	3.5E-007	mg/kg-day	NA	N/A	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	3.1E-006	mg/kg-day	NA	N/A	--
	Thallium	1	mg/kg	1	mg/kg	Route	3.1E-007	mg/kg-day	NA	N/A	--
	Vanadium	84	mg/kg	84	mg/kg	Route	2.6E-005	mg/kg-day	NA	N/A	--
	Zinc	1903	mg/kg	1903	mg/kg	Route	6.0E-004	mg/kg-day	NA	N/A	--
	Cyanide	1.1	mg/kg	1.1	mg/kg	Route	3.5E-007	mg/kg-day	NA	N/A	--
Dermal Absorption	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	N/A	N/A	N/A	N/A	--
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	N/A	N/A	N/A	N/A	--
	cis-1,2-Dichloroethene	7.1	mg/kg	7.1	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Tetrachloroethylene	0.91	mg/kg	0.91	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Trichloroethene	8.4	mg/kg	8.4	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	N/A	N/A	N/A	N/A	--

302081

TABLE 8.16.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	2-Methylnaphthalene	47.6	mg/kg	47.6	mg/kg	Route	1.3E-005	mg/kg-day	N/A	N/A	--
	Acenaphthene	276	mg/kg	276	mg/kg	Route	7.4E-005	mg/kg-day	N/A	N/A	--
	Benzo(a)anthracene	111	mg/kg	111	mg/kg	Route	3.0E-005	mg/kg-day	7.3E-001	(mg/kg-day) -1	2.2E-005
	Benzo(a)pyrene	84	mg/kg	84	mg/kg	Route	2.3E-005	mg/kg-day	7.3E+000	(mg/kg/day)-1	1.7E-004
	Benzo(b)fluoranthene	28	mg/kg	28	mg/kg	Route	7.6E-006	mg/kg-day	7.3E-001	(mg/kg-day) -1	5.5E-006
	Benzo(k)fluoranthene	63	mg/kg	63	mg/kg	Route	1.7E-005	mg/kg-day	7.3E-002	(mg/kg-day) -1	1.2E-006
	Carbazole	10	mg/kg	10	mg/kg	Route	2.1E-006	mg/kg-day	2.0E-002	(mg/kg-day) -1	4.2E-008
	Chrysene	105	mg/kg	105	mg/kg	Route	2.8E-005	mg/kg-day	7.3E-003	(mg/kg-day) -1	2.1E-007
	Dibenzofuran	168	mg/kg	168	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Dibenz(a,h)anthracene	14	mg/kg	14	mg/kg	Route	3.8E-006	mg/kg-day	7.3E+000	(mg/kg-day) -1	2.8E-005
	Fluoranthene	3.6	mg/kg	3.6	mg/kg	Route	9.7E-007	mg/kg-day	N/A	N/A	--
	Fluorene	197	mg/kg	197	mg/kg	Route	5.3E-005	mg/kg-day	N/A	N/A	--
	Indeno(1,2,3-cd)pyrene	35	mg/kg	35	mg/kg	Route	9.4E-006	mg/kg-day	7.3E-001	(mg/kg-day) -1	6.9E-006
	Naphthalene	17	mg/kg	17	mg/kg	Route	4.6E-006	mg/kg-day	N/A	N/A	--
	Phenanthrene	700	mg/kg	700	mg/kg	Route	1.9E-004	mg/kg-day	N/A	N/A	--
	Pyrene	40	mg/kg	40	mg/kg	Route	1.1E-005	mg/kg-day	N/A	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	5.0E-010	mg/kg-day	1.5E+005	(mg/kg/day)-1	7.5E-005
	4,4'-DDE	1038	mg/kg	1038	mg/kg	Route	N/A	N/A	N/A	N/A	--
	4,4'-DDT	2483	mg/kg	2483	mg/kg	Route	1.5E-004	mg/kg-day	3.4E-001	(mg/kg/day)-1	5.3E-005
	Acetophenone	0.76	mg/kg	0.76	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aldrin	120	mg/kg	120	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-BHC	3	mg/kg	3	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-chlordane	2.1	mg/kg	2.1	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aroclor 1242	807	mg/kg	807	mg/kg	Route	2.3E-004	mg/kg-day	N/A	N/A	--
	Aroclor 1248	3103	mg/kg	3103	mg/kg	Route	9.0E-004	mg/kg-day	N/A	N/A	--
	Aroclor 1254	14206	mg/kg	14206	mg/kg	Route	4.1E-003	mg/kg-day	N/A	N/A	--
	Dieldrin	1254	mg/kg	1254	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endosulfan sulfate	20	mg/kg	20	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin	14	mg/kg	14	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin aldehyde	183	mg/kg	183	mg/kg	Route	N/A	N/A	N/A	N/A	--
	gamma-Chlordane	1222	mg/kg	1222	mg/kg	Route	1.0E-004	mg/kg-day	3.5E-001	(mg/kg/day)-1	3.6E-005
	Heptachlor	7.3	mg/kg	7.3	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor epoxide	143	mg/kg	143	mg/kg	Route	N/A	N/A	N/A	N/A	--

302082

TABLE 8.16.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	2.4E-007	mg/kg-day	1.5E+005	(mg/kg/day)-1	3.5E-002
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	9.2E-003	mg/kg-day	2.0E+000	(mg/kg/day)-1	1.8E-002
	Total PCBs	15783	mg/kg	15783	mg/kg	Route	4.6E-003	mg/kg-day	2.0E+000	(mg/kg/day)-1	9.2E-003
	Aluminum	33832	mg/kg	33832	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Arsenic	46.3	mg/kg	46.3	mg/kg	Route	2.9E-006	mg/kg-day	1.5E+000	(mg/kg/day)-1	4.3E-006
	Barium	869	mg/kg	869	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cadmium	32	mg/kg	32	mg/kg	Route	6.6E-008	mg/kg-day	N/A	N/A	--
	Chromium	75	mg/kg	75	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Copper	7108	mg/kg	7108	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Iron	46753	mg/kg	46753	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Manganese	763	mg/kg	763	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Mercury	1.1	mg/kg	1.1	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Thallium	1	mg/kg	1	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vanadium	84	mg/kg	84	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Zinc	1903	mg/kg	1903	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cyanide	1.1	mg/kg	1.1	mg/kg	Route	N/A	N/A	N/A	N/A	--
Inhalation	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	1.8E-006	mg/kg-day	1.8E-001	(mg/kg-day)-1	3.2E-007
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	4.9E-011	mg/kg-day	NA	N/A	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	2.6E-006	mg/kg-day	2.7E-002	(mg/kg-day)-1	7.2E-008
	cis-1,2-Dichloroethene	7.1	mg/kg	7.1	mg/kg	Route	7.5E-005	mg/kg-day	NA	N/A	--
	Tetrachloroethylene	0.91	mg/kg	0.91	mg/kg	Route	9.8E-006	mg/kg-day	1.1E-002	(mg/kg-day)-1	1.1E-007
	Trichloroethene	8.4	mg/kg	8.4	mg/kg	Route	6.9E-005	mg/kg-day	4.0E-001	(mg/kg-day)-1	2.8E-005
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	1.7E-005	mg/kg-day	1.5E-002	(mg/kg-day)-1	2.7E-007
	2-Methylnaphthalene	47.6	mg/kg	47.6	mg/kg	Route	2.1E-005	mg/kg-day	NA	N/A	--
	Acenaphthene	276	mg/kg	276	mg/kg	Route	3.1E-005	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	111	mg/kg	111	mg/kg	Route	3.1E-007	mg/kg-day	3.1E-001	(mg/kg-day)-1	9.7E-008
	Benzo(a)pyrene	84	mg/kg	84	mg/kg	Route	1.0E-007	mg/kg-day	3.1E+000	(mg/kg-day)-1	3.1E-007
	Benzo(b)fluoranthene	28	mg/kg	28	mg/kg	Route	1.5E-007	mg/kg-day	3.1E-001	(mg/kg-day)-1	4.7E-008
	Benzo(k)fluoranthene	63	mg/kg	63	mg/kg	Route	5.0E-008	mg/kg-day	3.1E-002	(mg/kg-day)-1	1.6E-009
	Carbazole	10	mg/kg	10	mg/kg	Route	1.1E-007	mg/kg-day	NA	N/A	--

302083

TABLE 8.16.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Chrysene	105	mg/kg	105	mg/kg	Route	9.7E-007	mg/kg-day	3.1E-003	(mg/kg-day)-1	3.0E-009
	Dibenzofuran	168	mg/kg	168	mg/kg	Route	1.7E-008	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	14	mg/kg	14	mg/kg	Route	5.5E-009	mg/kg-day	3.1E+000	(mg/kg-day)-1	1.7E-008
	Fluoranthene	3.6	mg/kg	3.6	mg/kg	Route	3.0E-008	mg/kg-day	NA	N/A	--
	Fluorene	197	mg/kg	197	mg/kg	Route	9.6E-006	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	35	mg/kg	35	mg/kg	Route	2.0E-008	mg/kg-day	3.1E-001	(mg/kg-day)-1	6.2E-009
	Naphthalene	17	mg/kg	17	mg/kg	Route	7.6E-006	mg/kg-day	NA	N/A	--
	Phenanthrene	700	mg/kg	700	mg/kg	Route	4.7E-006	mg/kg-day	NA	N/A	--
	Pyrene	40	mg/kg	40	mg/kg	Route	2.7E-007	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	8.2E-013	mg/kg-day	1.5E+005	(mg/kg-day)-1	1.2E-007
	4,4'-DDE	1038	mg/kg	1038	mg/kg	Route	1.2E-006	mg/kg-day	NA	N/A	--
	4,4'-DDT	2483	mg/kg	2483	mg/kg	Route	2.3E-006	mg/kg-day	3.4E-001	(mg/kg-day)-1	7.9E-007
	Acetophenone	0.76	mg/kg	0.76	mg/kg	Route	7.8E-011	mg/kg-day	NA	N/A	--
	Aldrin	120	mg/kg	120	mg/kg	Route	4.4E-007	mg/kg-day	1.7E+001	(mg/kg-day)-1	7.6E-006
	alpha-BHC	3	mg/kg	3	mg/kg	Route	1.4E-007	mg/kg-day	6.3E+000	(mg/kg-day)-1	8.6E-007
	alpha-chlordane	2.1	mg/kg	2.1	mg/kg	Route	2.3E-008	mg/kg-day	3.5E-001	(mg/kg-day)-1	8.2E-009
	Aroclor 1242	807	mg/kg	807	mg/kg	Route	5.1E-005	mg/kg-day	NA	N/A	--
	Aroclor 1248	3103	mg/kg	3103	mg/kg	Route	2.0E-004	mg/kg-day	NA	N/A	--
	Aroclor 1254	14206	mg/kg	14206	mg/kg	Route	8.9E-004	mg/kg-day	NA	N/A	--
	Dieldrin	1254	mg/kg	1254	mg/kg	Route	1.5E-005	mg/kg-day	1.6E+001	(mg/kg-day)-1	2.4E-004
	Endosulfan sulfate	20	mg/kg	20	mg/kg	Route	2.1E-009	mg/kg-day	NA	N/A	--
	Endrin	14	mg/kg	14	mg/kg	Route	1.6E-007	mg/kg-day	NA	N/A	--
	Endrin aldehyde	183	mg/kg	183	mg/kg	Route	2.1E-006	mg/kg-day	NA	N/A	--
	gamma-Chlordane	1222	mg/kg	1222	mg/kg	Route	1.3E-007	mg/kg-day	3.5E-001	(mg/kg-day)-1	4.4E-008
	Heptachlor	7.3	mg/kg	7.3	mg/kg	Route	8.1E-008	mg/kg-day	4.6E+000	(mg/kg-day)-1	3.7E-007
	Heptachlor epoxide	143	mg/kg	143	mg/kg	Route	7.2E-007	mg/kg-day	9.1E+000	(mg/kg-day)-1	6.5E-006
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	3.9E-010	mg/kg-day	1.5E+005	(mg/kg-day)-1	5.9E-005
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.0E-003	mg/kg-day	4.0E-001	(mg/kg-day)-1	7.9E-004
	Total PCBs	15783	mg/kg	15783	mg/kg	Route	9.9E-004	mg/kg-day	4.0E-001	(mg/kg-day)-1	4.0E-004
	Aluminum	33832	mg/kg	33832	mg/kg	Route	3.5E-006	mg/kg-day	NA	N/A	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	5.9E-010	mg/kg-day	NA	N/A	--
	Arsenic	46.3	mg/kg	46.3	mg/kg	Route	4.8E-009	mg/kg-day	1.5E+001	(mg/kg-day)-1	7.2E-008
	Barium	869	mg/kg	869	mg/kg	Route	8.9E-008	mg/kg-day	N/A	N/A	--

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TABLE 8.16.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Cadmium	32	mg/kg	32	mg/kg	Route	3.3E-009	mg/kg-day	6.3E+000	(mg/kg-day)-1	2.1E-008
	Chromium	75	mg/kg	75	mg/kg	Route	7.7E-009	mg/kg-day	NA	N/A	--
	Copper	7108	mg/kg	7108	mg/kg	Route	7.3E-007	mg/kg-day	NA	N/A	--
	Iron	46753	mg/kg	46753	mg/kg	Route	4.8E-006	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	763	mg/kg	763	mg/kg	Route	7.8E-008	mg/kg-day	NA	N/A	--
	Mercury	1.1	mg/kg	1.1	mg/kg	Route	1.0E-005	mg/kg-day	NA	N/A	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	1.0E-009	mg/kg-day	NA	N/A	--
	Thallium	1	mg/kg	1	mg/kg	Route	1.0E-010	mg/kg-day	NA	N/A	--
	Vanadium	84	mg/kg	84	mg/kg	Route	8.6E-009	mg/kg-day	NA	N/A	--
	Zinc	1903	mg/kg	1903	mg/kg	Route	2.0E-007	mg/kg-day	NA	N/A	--
	Cyanide	1.1	mg/kg	1.1	mg/kg	Route	1.1E-010	mg/kg-day	NA	N/A	--

Total Risk Across All Exposure Routes/Pathways (2) 2.9E-002

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 2.4E-001

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.
(2) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total.
Instead, these are shown as a separate line below the table.

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TABLE 8.16.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Ingestion	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	6.5E-009	mg/kg-day	6.0E-001	(mg/kg-day) -1	3.9E-009
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	3.9E-008	mg/kg-day	NA	N/A	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	2.0E-008	mg/kg-day	5.5E-002	(mg/kg-day) -1	1.1E-009
	cis-1,2-Dichloroethene	7.1	mg/kg	7.1	mg/kg	Route	5.7E-007	mg/kg-day	NA	N/A	--
	Tetrachloroethylene	0.91	mg/kg	0.91	mg/kg	Route	7.4E-008	mg/kg-day	5.2E-002	N/A	3.8E-009
	Trichloroethene	8.4	mg/kg	8.4	mg/kg	Route	6.8E-007	mg/kg-day	4.0E-001	(mg/kg-day) -1	2.7E-007
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	3.4E-008	mg/kg-day	7.2E-001	(mg/kg-day) -1	2.4E-008
	2-Methylnaphthalene	47.6	mg/kg	47.6	mg/kg	Route	3.8E-006	mg/kg-day	NA	N/A	--
	Acenaphthene	276	mg/kg	276	mg/kg	Route	2.2E-005	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	111	mg/kg	111	mg/kg	Route	9.0E-006	mg/kg-day	7.3E-001	(mg/kg-day) -1	6.5E-006
	Benzo(a)pyrene	84	mg/kg	84	mg/kg	Route	6.8E-006	mg/kg-day	7.3E+000	(mg/kg/day)-1	5.0E-005
	Benzo(b)fluoranthene	28	mg/kg	28	mg/kg	Route	2.3E-006	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.7E-006
	Benzo(k)fluoranthene	63	mg/kg	63	mg/kg	Route	5.1E-006	mg/kg-day	7.3E-002	(mg/kg-day) -1	3.7E-007
	Carbazole	10	mg/kg	10	mg/kg	Route	8.1E-007	mg/kg-day	2.0E-002	(mg/kg-day) -1	1.6E-008
	Chrysene	105	mg/kg	105	mg/kg	Route	8.5E-006	mg/kg-day	7.3E-003	(mg/kg-day) -1	6.2E-008
	Dibenzofuran	168	mg/kg	168	mg/kg	Route	1.4E-005	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	14	mg/kg	14	mg/kg	Route	1.1E-006	mg/kg-day	7.3E+000	(mg/kg-day) -1	8.3E-006
	Fluoranthene	3.6	mg/kg	3.6	mg/kg	Route	2.9E-007	mg/kg-day	NA	N/A	--
	Fluorene	197	mg/kg	197	mg/kg	Route	1.6E-005	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	35	mg/kg	35	mg/kg	Route	2.8E-006	mg/kg-day	7.3E-001	(mg/kg-day) -1	2.1E-006
	Naphthalene	17	mg/kg	17	mg/kg	Route	1.4E-006	mg/kg-day	NA	N/A	--
	Phenanthrene	700	mg/kg	700	mg/kg	Route	5.7E-005	mg/kg-day	NA	N/A	--
	Pyrene	40	mg/kg	40	mg/kg	Route	3.2E-006	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	6.5E-010	mg/kg-day	1.5E+005	(mg/kg/day)-1	9.7E-005
	4,4'-DDE	1038	mg/kg	1038	mg/kg	Route	8.4E-005	mg/kg-day	3.4E-001	(mg/kg/day)-1	2.9E-005
	4,4'-DDT	2483	mg/kg	2483	mg/kg	Route	2.0E-004	mg/kg-day	3.4E-001	(mg/kg/day)-1	6.8E-005
	Acetophenone	0.76	mg/kg	0.76	mg/kg	Route	6.1E-008	mg/kg-day	NA	N/A	--
	Aldrin	120	mg/kg	120	mg/kg	Route	9.7E-006	mg/kg-day	1.7E+001	(mg/kg/day)-1	1.6E-004
	alpha-BHC	3	mg/kg	3	mg/kg	Route	2.4E-007	mg/kg-day	6.3E+000	(mg/kg/day)-1	1.5E-006
	alpha-chlordane	2.1	mg/kg	2.1	mg/kg	Route	1.7E-007	mg/kg-day	3.5E-001	(mg/kg/day)-1	5.9E-008
	Aroclor 1242	807	mg/kg	807	mg/kg	Route	6.5E-005	mg/kg-day	NA	N/A	--
	Aroclor 1248	3103	mg/kg	3103	mg/kg	Route	2.5E-004	mg/kg-day	NA	N/A	--
	Aroclor 1254	14206	mg/kg	14206	mg/kg	Route	1.1E-003	mg/kg-day	NA	N/A	--

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TABLE 8.16.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Dieldrin	1254	mg/kg	1254	mg/kg	Route	1.0E-004	mg/kg-day	1.6E+001	(mg/kg/day)-1	1.6E-003
	Endosulfan sulfate	20	mg/kg	20	mg/kg	Route	1.6E-006	mg/kg-day	NA	N/A	--
	Endrin	14	mg/kg	14	mg/kg	Route	1.1E-006	mg/kg-day	NA	N/A	--
	Endrin aldehyde	183	mg/kg	183	mg/kg	Route	1.5E-005	mg/kg-day	NA	N/A	--
	gamma-Chlordane	1222	mg/kg	1222	mg/kg	Route	9.9E-005	mg/kg-day	3.5E-001	(mg/kg/day)-1	3.5E-005
	Heptachlor	7.3	mg/kg	7.3	mg/kg	Route	5.9E-007	mg/kg-day	4.5E+000	(mg/kg/day)-1	2.7E-006
	Heptachlor epoxide	143	mg/kg	143	mg/kg	Route	1.2E-005	mg/kg-day	9.1E+000	(mg/kg/day)-1	1.1E-004
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	3.1E-007	mg/kg-day	1.5E+005	(mg/kg/day)-1	4.5E-002
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.6E-003	mg/kg-day	2.0E+000	(mg/kg/day)-1	5.1E-003
	Total PCBs	15783	mg/kg	15783	mg/kg	Route	1.3E-003	mg/kg-day	2.0E+000	(mg/kg/day)-1	2.6E-003
	Aluminum	33832	mg/kg	33832	mg/kg	Route	2.7E-003	mg/kg-day	NA	N/A	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	4.6E-007	mg/kg-day	NA	N/A	--
	Arsenic	46.3	mg/kg	46.3	mg/kg	Route	3.7E-006	mg/kg-day	1.5E+000	(mg/kg/day)-1	5.6E-006
	Barium	869	mg/kg	869	mg/kg	Route	7.0E-005	mg/kg-day	NA	N/A	--
	Cadmium	32	mg/kg	32	mg/kg	Route	2.6E-006	mg/kg-day	NA	N/A	--
	Chromium	75	mg/kg	75	mg/kg	Route	6.1E-006	mg/kg-day	NA	N/A	--
	Copper	7108	mg/kg	7108	mg/kg	Route	5.7E-004	mg/kg-day	NA	N/A	--
	Iron	46753	mg/kg	46753	mg/kg	Route	3.8E-003	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	763	mg/kg	763	mg/kg	Route	6.2E-005	mg/kg-day	NA	N/A	--
	Mercury	1.1	mg/kg	1.1	mg/kg	Route	8.9E-008	mg/kg-day	NA	N/A	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	7.9E-007	mg/kg-day	NA	N/A	--
	Thallium	1	mg/kg	1	mg/kg	Route	8.1E-008	mg/kg-day	NA	N/A	--
	Vanadium	84	mg/kg	84	mg/kg	Route	6.8E-006	mg/kg-day	NA	N/A	--
	Zinc	1903	mg/kg	1903	mg/kg	Route	1.5E-004	mg/kg-day	NA	N/A	--
	Cyanide	1.1	mg/kg	1.1	mg/kg	Route	8.9E-008	mg/kg-day	NA	N/A	--
Dermal Absorption	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	N/A	N/A	N/A	N/A	--
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	N/A	N/A	N/A	N/A	--
	cis-1,2-Dichloroethene	7.1	mg/kg	7.1	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Tetrachloroethylene	0.91	mg/kg	0.91	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Trichloroethene	8.4	mg/kg	8.4	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	N/A	N/A	N/A	N/A	--

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TABLE 8.16.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	2-Methylnaphthalene	47.6	mg/kg	47.6	mg/kg	Route	3.3E-007	mg/kg-day	N/A	N/A	--
	Acenaphthene	276	mg/kg	276	mg/kg	Route	1.9E-006	mg/kg-day	N/A	N/A	--
	Benzo(a)anthracene	111	mg/kg	111	mg/kg	Route	7.7E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	5.6E-007
	Benzo(a)pyrene	84	mg/kg	84	mg/kg	Route	5.8E-007	mg/kg-day	7.3E+000	(mg/kg/day)-1	4.3E-006
	Benzo(b)fluoranthene	28	mg/kg	28	mg/kg	Route	1.9E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.4E-007
	Benzo(k)fluoranthene	63	mg/kg	63	mg/kg	Route	4.4E-007	mg/kg-day	7.3E-002	(mg/kg-day) -1	3.2E-008
	Carbazole	10	mg/kg	10	mg/kg	Route	5.3E-008	mg/kg-day	2.0E-002	(mg/kg-day) -1	1.1E-009
	Chrysene	105	mg/kg	105	mg/kg	Route	7.3E-007	mg/kg-day	7.3E-003	(mg/kg-day) -1	5.3E-009
	Dibenzofuran	168	mg/kg	168	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Dibenz(a,h)anthracene	14	mg/kg	14	mg/kg	Route	9.7E-008	mg/kg-day	7.3E+000	(mg/kg-day) -1	7.1E-007
	Fluoranthene	3.6	mg/kg	3.6	mg/kg	Route	2.5E-008	mg/kg-day	N/A	N/A	--
	Fluorene	197	mg/kg	197	mg/kg	Route	1.4E-006	mg/kg-day	N/A	N/A	--
	Indeno(1,2,3-cd)pyrene	35	mg/kg	35	mg/kg	Route	2.4E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.8E-007
	Naphthalene	17	mg/kg	17	mg/kg	Route	1.2E-007	mg/kg-day	N/A	N/A	--
	Phenanthrene	700	mg/kg	700	mg/kg	Route	4.9E-006	mg/kg-day	N/A	N/A	--
	Pyrene	40	mg/kg	40	mg/kg	Route	2.8E-007	mg/kg-day	N/A	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	1.3E-011	mg/kg-day	1.5E+005	(mg/kg/day)-1	1.9E-006
	4,4'-DDE	1038	mg/kg	1038	mg/kg	Route	N/A	N/A	N/A	N/A	--
	4,4'-DDT	2483	mg/kg	2483	mg/kg	Route	4.0E-006	mg/kg-day	3.4E-001	(mg/kg/day)-1	1.4E-006
	Acetophenone	0.76	mg/kg	0.76	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aldrin	120	mg/kg	120	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-BHC	3	mg/kg	3	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-chlordane	2.1	mg/kg	2.1	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aroclor 1242	807	mg/kg	807	mg/kg	Route	6.0E-006	mg/kg-day	N/A	N/A	--
	Aroclor 1248	3103	mg/kg	3103	mg/kg	Route	2.3E-005	mg/kg-day	N/A	N/A	--
	Aroclor 1254	14206	mg/kg	14206	mg/kg	Route	1.1E-004	mg/kg-day	N/A	N/A	--
	Dieldrin	1254	mg/kg	1254	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endosulfan sulfate	20	mg/kg	20	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin	14	mg/kg	14	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin aldehyde	183	mg/kg	183	mg/kg	Route	N/A	N/A	N/A	N/A	--
	gamma-Chlordane	1222	mg/kg	1222	mg/kg	Route	2.6E-006	mg/kg-day	3.5E-001	(mg/kg/day)-1	9.1E-007
	Heptachlor	7.3	mg/kg	7.3	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor epoxide	143	mg/kg	143	mg/kg	Route	N/A	N/A	N/A	N/A	--

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TABLE 8.16.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	6.1E-009	mg/kg-day	1.5E+005	(mg/kg/day)-1	9.1E-004
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.4E-004	mg/kg-day	2.0E+000	(mg/kg/day)-1	4.7E-004
	Total PCBs	15783	mg/kg	15783	mg/kg	Route	1.2E-004	mg/kg-day	2.0E+000	(mg/kg/day)-1	2.4E-004
	Aluminum	33832	mg/kg	33832	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Arsenic	46.3	mg/kg	46.3	mg/kg	Route	7.4E-008	mg/kg-day	1.5E+000	(mg/kg/day)-1	1.1E-007
	Barium	869	mg/kg	869	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cadmium	32	mg/kg	32	mg/kg	Route	1.7E-009	mg/kg-day	N/A	N/A	--
	Chromium	75	mg/kg	75	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Copper	7108	mg/kg	7108	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Iron	46753	mg/kg	46753	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Manganese	763	mg/kg	763	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Mercury	1.1	mg/kg	1.1	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Thallium	1	mg/kg	1	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vanadium	84	mg/kg	84	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Zinc	1903	mg/kg	1903	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cyanide	1.1	mg/kg	1.1	mg/kg	Route	N/A	N/A	N/A	N/A	--
Inhalation	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	4.7E-007	mg/kg-day	1.8E-001	(mg/kg-day)-1	8.2E-008
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	1.3E-011	mg/kg-day	NA	N/A	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	6.8E-007	mg/kg-day	2.7E-002	(mg/kg-day)-1	1.9E-008
	cis-1,2-Dichloroethene	7.1	mg/kg	7.1	mg/kg	Route	1.9E-005	mg/kg-day	NA	N/A	--
	Tetrachloroethylene	0.91	mg/kg	0.91	mg/kg	Route	2.5E-006	mg/kg-day	1.1E-002	(mg/kg-day)-1	2.7E-008
	Trichloroethene	8.4	mg/kg	8.4	mg/kg	Route	1.8E-005	mg/kg-day	4.0E-001	(mg/kg-day)-1	7.1E-006
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	4.4E-006	mg/kg-day	1.5E-002	(mg/kg-day)-1	6.8E-008
	2-Methylnaphthalene	47.6	mg/kg	47.6	mg/kg	Route	5.5E-006	mg/kg-day	NA	N/A	--
	Acenaphthene	276	mg/kg	276	mg/kg	Route	8.1E-006	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	111	mg/kg	111	mg/kg	Route	8.0E-008	mg/kg-day	3.1E-001	(mg/kg-day)-1	2.5E-008
	Benzo(a)pyrene	84	mg/kg	84	mg/kg	Route	2.6E-008	mg/kg-day	3.1E+000	(mg/kg-day)-1	8.0E-008
	Benzo(b)fluoranthene	28	mg/kg	28	mg/kg	Route	3.9E-008	mg/kg-day	3.1E-001	(mg/kg-day)-1	1.2E-008
	Benzo(k)fluoranthene	63	mg/kg	63	mg/kg	Route	1.3E-008	mg/kg-day	3.1E-002	(mg/kg-day)-1	4.0E-010
	Carbazole	10	mg/kg	10	mg/kg	Route	2.9E-008	mg/kg-day	NA	N/A	--

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TABLE 8.16.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Chrysene	105	mg/kg	105	mg/kg	Route	2.5E-007	mg/kg-day	3.1E-003	(mg/kg-day)-1	7.7E-010
	Dibenzofuran	168	mg/kg	168	mg/kg	Route	4.4E-009	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	14	mg/kg	14	mg/kg	Route	1.4E-009	mg/kg-day	3.1E+000	(mg/kg-day)-1	4.3E-009
	Fluoranthene	3.6	mg/kg	3.6	mg/kg	Route	7.7E-009	mg/kg-day	NA	N/A	--
	Fluorene	197	mg/kg	197	mg/kg	Route	2.5E-006	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	35	mg/kg	35	mg/kg	Route	5.1E-009	mg/kg-day	3.1E-001	(mg/kg-day)-1	1.6E-009
	Naphthalene	17	mg/kg	17	mg/kg	Route	2.0E-006	mg/kg-day	NA	N/A	--
	Phenanthrene	700	mg/kg	700	mg/kg	Route	1.2E-006	mg/kg-day	NA	N/A	--
	Pyrene	40	mg/kg	40	mg/kg	Route	6.9E-008	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	2.1E-013	mg/kg-day	1.5E+005	(mg/kg-day)-1	3.2E-008
	4,4'-DDE	1038	mg/kg	1038	mg/kg	Route	3.0E-007	mg/kg-day	NA	N/A	--
	4,4'-DDT	2483	mg/kg	2483	mg/kg	Route	6.0E-007	mg/kg-day	3.4E-001	(mg/kg-day)-1	2.0E-007
	Acetophenone	0.76	mg/kg	0.76	mg/kg	Route	2.0E-011	mg/kg-day	NA	N/A	--
	Aldrin	120	mg/kg	120	mg/kg	Route	1.1E-007	mg/kg-day	1.7E+001	(mg/kg-day)-1	2.0E-006
	alpha-BHC	3	mg/kg	3	mg/kg	Route	3.5E-008	mg/kg-day	6.3E+000	(mg/kg-day)-1	2.2E-007
	alpha-chlordane	2.1	mg/kg	2.1	mg/kg	Route	6.0E-009	mg/kg-day	3.5E-001	(mg/kg-day)-1	2.1E-009
	Aroclor 1242	807	mg/kg	807	mg/kg	Route	1.3E-005	mg/kg-day	NA	N/A	--
	Aroclor 1248	3103	mg/kg	3103	mg/kg	Route	5.0E-005	mg/kg-day	NA	N/A	--
	Aroclor 1254	14206	mg/kg	14206	mg/kg	Route	2.3E-004	mg/kg-day	NA	N/A	--
	Dieldrin	1254	mg/kg	1254	mg/kg	Route	3.8E-006	mg/kg-day	1.6E+001	(mg/kg-day)-1	6.1E-005
	Endosulfan sulfate	20	mg/kg	20	mg/kg	Route	5.3E-010	mg/kg-day	NA	N/A	--
	Endrin	14	mg/kg	14	mg/kg	Route	4.1E-008	mg/kg-day	NA	N/A	--
	Endrin aldehyde	183	mg/kg	183	mg/kg	Route	5.4E-007	mg/kg-day	NA	N/A	--
	gamma-Chlordane	1222	mg/kg	1222	mg/kg	Route	3.2E-008	mg/kg-day	3.5E-001	(mg/kg-day)-1	1.1E-008
	Heptachlor	7.3	mg/kg	7.3	mg/kg	Route	2.1E-008	mg/kg-day	4.6E+000	(mg/kg-day)-1	9.5E-008
	Heptachlor epoxide	143	mg/kg	143	mg/kg	Route	1.8E-007	mg/kg-day	9.1E+000	(mg/kg-day)-1	1.7E-006
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	1.0E-010	mg/kg-day	1.5E+005	(mg/kg-day)-1	1.5E-005
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	5.1E-004	mg/kg-day	4.0E-001	(mg/kg-day)-1	2.0E-004
	Total PCBs	15783	mg/kg	15783	mg/kg	Route	2.6E-004	mg/kg-day	4.0E-001	(mg/kg-day)-1	1.0E-004
	Aluminum	33832	mg/kg	33832	mg/kg	Route	8.9E-007	mg/kg-day	NA	N/A	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	1.5E-010	mg/kg-day	NA	N/A	--
	Arsenic	46.3	mg/kg	46.3	mg/kg	Route	1.2E-009	mg/kg-day	1.5E+001	(mg/kg-day)-1	1.8E-008
	Barium	869	mg/kg	869	mg/kg	Route	2.3E-008	mg/kg-day	N/A	N/A	--

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TABLE 8.16.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Cadmium	32	mg/kg	32	mg/kg	Route	8.5E-010	mg/kg-day	6.3E+000	(mg/kg-day)-1	5.3E-009
	Chromium	75	mg/kg	75	mg/kg	Route	2.0E-009	mg/kg-day	NA	N/A	--
	Copper	7108	mg/kg	7108	mg/kg	Route	1.9E-007	mg/kg-day	NA	N/A	--
	Iron	46753	mg/kg	46753	mg/kg	Route	1.2E-006	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	763	mg/kg	763	mg/kg	Route	2.0E-008	mg/kg-day	NA	N/A	--
	Mercury	1.1	mg/kg	1.1	mg/kg	Route	2.7E-006	mg/kg-day	NA	N/A	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	2.6E-010	mg/kg-day	NA	N/A	--
	Thallium	1	mg/kg	1	mg/kg	Route	2.6E-011	mg/kg-day	NA	N/A	--
	Vanadium	84	mg/kg	84	mg/kg	Route	2.2E-009	mg/kg-day	NA	N/A	--
	Zinc	1903	mg/kg	1903	mg/kg	Route	5.0E-008	mg/kg-day	NA	N/A	--
	Cyanide	1.1	mg/kg	1.1	mg/kg	Route	2.9E-011	mg/kg-day	NA	N/A	--

Total Risk Across All Exposure Routes/Pathways (2) 5.2E-003

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 5.2E-002

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.
(2) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total.
Instead, these are shown as a separate line below the table.

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TABLE 8.17.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Ingestion	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	2.5E-008	mg/kg-day	6.0E-001	(mg/kg-day) -1	1.5E-008
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	1.5E-007	mg/kg-day	NA	N/A	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	7.9E-008	mg/kg-day	5.5E-002	(mg/kg-day) -1	4.3E-009
	cis-1,2-Dichloroethene	2.4	mg/kg	2.4	mg/kg	Route	7.5E-007	mg/kg-day	NA	N/A	--
	Tetrachloroethylene	0.49	mg/kg	0.49	mg/kg	Route	1.5E-007	mg/kg-day	5.2E-002	N/A	8.0E-009
	Trichloroethene	2	mg/kg	2	mg/kg	Route	6.3E-007	mg/kg-day	4.0E-001	(mg/kg-day) -1	2.5E-007
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	1.3E-007	mg/kg-day	7.2E-001	(mg/kg-day) -1	9.5E-008
	2-Methylnaphthalene	2.7	mg/kg	2.7	mg/kg	Route	8.5E-007	mg/kg-day	NA	N/A	--
	Acenaphthene	1.1	mg/kg	1.1	mg/kg	Route	3.5E-007	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	2.2	mg/kg	2.2	mg/kg	Route	6.9E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	5.1E-007
	Benzo(a)pyrene	2.1	mg/kg	2.1	mg/kg	Route	6.6E-007	mg/kg-day	7.3E+000	(mg/kg/day)-1	4.8E-006
	Benzo(b)fluoranthene	3.4	mg/kg	3.4	mg/kg	Route	1.1E-006	mg/kg-day	7.3E-001	(mg/kg-day) -1	7.8E-007
	Benzo(k)fluoranthene	2.4	mg/kg	2.4	mg/kg	Route	7.5E-007	mg/kg-day	7.3E-002	(mg/kg-day) -1	5.5E-008
	Carbazole	1.2	mg/kg	1.2	mg/kg	Route	3.8E-007	mg/kg-day	2.0E-002	(mg/kg-day) -1	7.5E-009
	Chrysene	3.2	mg/kg	3.2	mg/kg	Route	1.0E-006	mg/kg-day	7.3E-003	(mg/kg-day) -1	7.3E-009
	Dibenzofuran	4.7	mg/kg	4.7	mg/kg	Route	1.5E-006	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	1.8	mg/kg	1.8	mg/kg	Route	5.7E-007	mg/kg-day	7.3E+000	(mg/kg-day) -1	4.1E-006
	Fluoranthene	419	mg/kg	419	mg/kg	Route	1.3E-004	mg/kg-day	NA	N/A	--
	Fluorene	7.1	mg/kg	7.1	mg/kg	Route	2.2E-006	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	1.9	mg/kg	1.9	mg/kg	Route	6.0E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	4.4E-007
	Naphthalene	3.2	mg/kg	3.2	mg/kg	Route	1.0E-006	mg/kg-day	NA	N/A	--
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	6.6E-007	mg/kg-day	NA	N/A	--
	Pyrene	2.9	mg/kg	2.9	mg/kg	Route	9.1E-007	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	2.5E-009	mg/kg-day	1.5E+005	(mg/kg/day)-1	3.8E-004
	4,4'-DDE	20.8	mg/kg	20.8	mg/kg	Route	6.5E-006	mg/kg-day	3.4E-001	(mg/kg/day)-1	2.2E-006
	4,4'-DDT	0.97	mg/kg	0.97	mg/kg	Route	3.1E-007	mg/kg-day	3.4E-001	(mg/kg/day)-1	1.0E-007
	Acetophenone	0.76	mg/kg	0.76	mg/kg	Route	2.4E-007	mg/kg-day	NA	N/A	--
	Aldrin	17	mg/kg	17	mg/kg	Route	5.3E-006	mg/kg-day	1.7E+001	(mg/kg/day)-1	9.1E-005
	alpha-BHC	0.91	mg/kg	0.91	mg/kg	Route	2.9E-007	mg/kg-day	6.3E+000	(mg/kg/day)-1	1.8E-006
	alpha-chlordane	0.69	mg/kg	0.69	mg/kg	Route	2.2E-007	mg/kg-day	3.5E-001	(mg/kg/day)-1	7.6E-008
	Aroclor 1242	29	mg/kg	29	mg/kg	Route	9.1E-006	mg/kg-day	NA	N/A	--
	Aroclor 1248	454	mg/kg	454	mg/kg	Route	1.4E-004	mg/kg-day	NA	N/A	--
	Aroclor 1254	1755	mg/kg	1755	mg/kg	Route	5.5E-004	mg/kg-day	NA	N/A	--

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TABLE 8.17.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Dieldrin	31	mg/kg	31	mg/kg	Route	9.7E-006	mg/kg-day	1.6E+001	(mg/kg/day)-1	1.6E-004
	Endosulfan sulfate	2.5	mg/kg	2.5	mg/kg	Route	7.9E-007	mg/kg-day	NA	N/A	--
	Endrin	1.9	mg/kg	1.9	mg/kg	Route	6.0E-007	mg/kg-day	NA	N/A	--
	Endrin aldehyde	4	mg/kg	4	mg/kg	Route	1.3E-006	mg/kg-day	NA	N/A	--
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	1.0E-007	mg/kg-day	3.5E-001	(mg/kg/day)-1	3.5E-008
	Heptachlor	0.54	mg/kg	0.54	mg/kg	Route	1.7E-007	mg/kg-day	4.5E+000	(mg/kg/day)-1	7.6E-007
	Heptachlor epoxide	4.1	mg/kg	4.1	mg/kg	Route	1.3E-006	mg/kg-day	9.1E+000	(mg/kg/day)-1	1.2E-005
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	1.2E-006	mg/kg-day	1.5E+005	(mg/kg/day)-1	1.6E-001
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	9.9E-003	mg/kg-day	2.0E+000	(mg/kg/day)-1	2.0E-002
	Total PCBs	2246	mg/kg	2246	mg/kg	Route	7.1E-004	mg/kg-day	2.0E+000	(mg/kg/day)-1	1.4E-003
	Aluminum	17468	mg/kg	17468	mg/kg	Route	5.5E-003	mg/kg-day	NA	N/A	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	1.8E-006	mg/kg-day	NA	N/A	--
	Arsenic	25.1	mg/kg	25.1	mg/kg	Route	7.9E-006	mg/kg-day	1.5E+000	(mg/kg/day)-1	1.2E-005
	Barium	869	mg/kg	869	mg/kg	Route	2.7E-004	mg/kg-day	NA	N/A	--
	Cadmium	32	mg/kg	32	mg/kg	Route	1.0E-005	mg/kg-day	NA	N/A	--
	Chromium	32	mg/kg	32	mg/kg	Route	1.0E-005	mg/kg-day	NA	N/A	--
	Copper	230	mg/kg	230	mg/kg	Route	7.2E-005	mg/kg-day	NA	N/A	--
	Cyanide	0.39	mg/kg	0.39	mg/kg	Route	1.2E-007	mg/kg-day	NA	N/A	--
	Iron	26753	mg/kg	26753	mg/kg	Route	8.4E-003	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	463	mg/kg	463	mg/kg	Route	1.5E-004	mg/kg-day	NA	N/A	--
	Mercury	0.44	mg/kg	0.44	mg/kg	Route	1.4E-007	mg/kg-day	NA	N/A	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	3.1E-006	mg/kg-day	NA	N/A	--
	Thallium	0.87	mg/kg	0.87	mg/kg	Route	2.7E-007	mg/kg-day	NA	N/A	--
	Vanadium	43	mg/kg	43	mg/kg	Route	1.4E-005	mg/kg-day	NA	N/A	--
	Zinc	601	mg/kg	601	mg/kg	Route	1.9E-004	mg/kg-day	NA	N/A	--
Dermal Absorption	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	N/A	N/A	N/A	N/A	--
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	N/A	N/A	N/A	N/A	--
	cis-1,2-Dichloroethene	2.4	mg/kg	2.4	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Tetrachloroethylene	0.49	mg/kg	0.49	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Trichloroethene	2	mg/kg	2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	N/A	N/A	N/A	N/A	--

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TABLE 8.17.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	2-Methylnaphthalene	2.7	mg/kg	2.7	mg/kg	Route	7.3E-007	mg/kg-day	N/A	N/A	--
	Acenaphthene	1.1	mg/kg	1.1	mg/kg	Route	3.0E-007	mg/kg-day	N/A	N/A	--
	Benzo(a)anthracene	2.2	mg/kg	2.2	mg/kg	Route	5.9E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	4.3E-007
	Benzo(a)pyrene	2.1	mg/kg	2.1	mg/kg	Route	5.7E-007	mg/kg-day	7.3E+000	(mg/kg/day)-1	4.1E-006
	Benzo(b)fluoranthene	3.4	mg/kg	3.4	mg/kg	Route	9.2E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	6.7E-007
	Benzo(k)fluoranthene	2.4	mg/kg	2.4	mg/kg	Route	6.5E-007	mg/kg-day	7.3E-002	(mg/kg-day) -1	4.7E-008
	Carbazole	1.2	mg/kg	1.2	mg/kg	Route	2.5E-007	mg/kg-day	2.0E-002	(mg/kg-day) -1	5.0E-009
	Chrysene	3.2	mg/kg	3.2	mg/kg	Route	8.6E-007	mg/kg-day	7.3E-003	(mg/kg-day) -1	6.3E-009
	Dibenzofuran	4.7	mg/kg	4.7	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Dibenz(a,h)anthracene	1.8	mg/kg	1.8	mg/kg	Route	4.9E-007	mg/kg-day	7.3E+000	(mg/kg-day) -1	3.5E-006
	Fluoranthene	419	mg/kg	419	mg/kg	Route	1.1E-004	mg/kg-day	N/A	N/A	--
	Fluorene	7.1	mg/kg	7.1	mg/kg	Route	1.9E-006	mg/kg-day	N/A	N/A	--
	Indeno(1,2,3-cd)pyrene	1.9	mg/kg	1.9	mg/kg	Route	5.1E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	3.7E-007
	Naphthalene	3.2	mg/kg	3.2	mg/kg	Route	8.6E-007	mg/kg-day	N/A	N/A	--
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	5.7E-007	mg/kg-day	N/A	N/A	--
	Pyrene	2.9	mg/kg	2.9	mg/kg	Route	7.8E-007	mg/kg-day	N/A	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	5.0E-010	mg/kg-day	1.5E+005	(mg/kg/day)-1	7.5E-005
	4,4'-DDE	20.8	mg/kg	20.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	4,4'-DDT	0.97	mg/kg	0.97	mg/kg	Route	6.0E-008	mg/kg-day	3.4E-001	(mg/kg/day)-1	2.1E-008
	Acetophenone	0.76	mg/kg	0.76	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aldrin	17	mg/kg	17	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-BHC	0.91	mg/kg	0.91	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-chlordane	0.69	mg/kg	0.69	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aroclor 1242	29	mg/kg	29	mg/kg	Route	8.4E-006	mg/kg-day	N/A	N/A	--
	Aroclor 1248	454	mg/kg	454	mg/kg	Route	1.3E-004	mg/kg-day	N/A	N/A	--
	Aroclor 1254	1755	mg/kg	1755	mg/kg	Route	5.1E-004	mg/kg-day	N/A	N/A	--
	Dieldrin	31	mg/kg	31	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endosulfan sulfate	2.5	mg/kg	2.5	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin	1.9	mg/kg	1.9	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin aldehyde	4	mg/kg	4	mg/kg	Route	N/A	N/A	N/A	N/A	--
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	2.7E-008	mg/kg-day	3.5E-001	(mg/kg/day)-1	9.3E-009
	Heptachlor	0.54	mg/kg	0.54	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor epoxide	4.1	mg/kg	4.1	mg/kg	Route	N/A	N/A	N/A	N/A	--

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TABLE 8.17.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	2.4E-007	mg/kg-day	1.5E+005	(mg/kg/day)-1	3.5E-002
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	9.2E-003	mg/kg-day	2.0E+000	(mg/kg/day)-1	1.8E-002
	Total PCBs	2246	mg/kg	2246	mg/kg	Route	6.5E-004	mg/kg-day	2.0E+000	(mg/kg/day)-1	1.3E-003
	Aluminum	17468	mg/kg	17468	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Arsenic	25.1	mg/kg	25.1	mg/kg	Route	1.6E-006	mg/kg-day	1.5E+000	(mg/kg/day)-1	2.3E-006
	Barium	869	mg/kg	869	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cadmium	32	mg/kg	32	mg/kg	Route	6.6E-008	mg/kg-day	N/A	N/A	--
	Chromium	32	mg/kg	32	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Copper	230	mg/kg	230	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cyanide	0.39	mg/kg	0.39	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Iron	26753	mg/kg	26753	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Manganese	463	mg/kg	463	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Mercury	0.44	mg/kg	0.44	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Thallium	0.87	mg/kg	0.87	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vanadium	43	mg/kg	43	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Zinc	601	mg/kg	601	mg/kg	Route	N/A	N/A	N/A	N/A	--
Inhalation	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	1.8E-006	mg/kg-day	1.8E-001	(mg/kg-day)-1	3.2E-007
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	4.9E-011	mg/kg-day	NA	N/A	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	2.6E-006	mg/kg-day	2.7E-002	(mg/kg-day)-1	7.2E-008
	cis-1,2-Dichloroethene	2.4	mg/kg	2.4	mg/kg	Route	2.5E-005	mg/kg-day	NA	N/A	--
	Tetrachloroethylene	0.49	mg/kg	0.49	mg/kg	Route	5.3E-006	mg/kg-day	1.1E-002	(mg/kg-day)-1	5.7E-008
	Trichloroethene	2	mg/kg	2	mg/kg	Route	1.6E-005	mg/kg-day	4.0E-001	(mg/kg-day)-1	6.6E-006
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	1.7E-005	mg/kg-day	1.5E-002	(mg/kg-day)-1	2.7E-007
	2-Methylnaphthalene	2.7	mg/kg	2.7	mg/kg	Route	1.2E-006	mg/kg-day	NA	N/A	--
	Acenaphthene	1.1	mg/kg	1.1	mg/kg	Route	1.3E-007	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	2.2	mg/kg	2.2	mg/kg	Route	6.2E-009	mg/kg-day	3.1E-001	(mg/kg-day)-1	1.9E-009
	Benzo(a)pyrene	2.1	mg/kg	2.1	mg/kg	Route	2.5E-009	mg/kg-day	3.1E+000	(mg/kg-day)-1	7.8E-009
	Benzo(b)fluoranthene	3.4	mg/kg	3.4	mg/kg	Route	1.9E-008	mg/kg-day	3.1E-001	(mg/kg-day)-1	5.8E-009
	Benzo(k)fluoranthene	2.4	mg/kg	2.4	mg/kg	Route	1.9E-009	mg/kg-day	3.1E-002	(mg/kg-day)-1	5.9E-011
	Carbazole	1.2	mg/kg	1.2	mg/kg	Route	1.4E-008	mg/kg-day	NA	N/A	--

302095

TABLE 8.17.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Chrysene	3.2	mg/kg	3.2	mg/kg	Route	3.0E-008	mg/kg-day	3.1E-003	(mg/kg-day)-1	9.2E-011
	Dibenzofuran	4.7	mg/kg	4.7	mg/kg	Route	4.8E-010	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	1.8	mg/kg	1.8	mg/kg	Route	7.0E-010	mg/kg-day	3.1E+000	(mg/kg-day)-1	2.2E-009
	Fluoranthene	419	mg/kg	419	mg/kg	Route	3.5E-006	mg/kg-day	NA	N/A	--
	Fluorene	7.1	mg/kg	7.1	mg/kg	Route	3.5E-007	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	1.9	mg/kg	1.9	mg/kg	Route	1.1E-009	mg/kg-day	3.1E-001	(mg/kg-day)-1	3.4E-010
	Naphthalene	3.2	mg/kg	3.2	mg/kg	Route	1.4E-006	mg/kg-day	NA	N/A	--
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	1.4E-008	mg/kg-day	NA	N/A	--
	Pyrene	2.9	mg/kg	2.9	mg/kg	Route	2.0E-008	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	8.2E-013	mg/kg-day	1.5E+005	(mg/kg-day)-1	1.2E-007
	4,4'-DDE	20.8	mg/kg	20.8	mg/kg	Route	2.3E-008	mg/kg-day	NA	N/A	--
	4,4'-DDT	0.97	mg/kg	0.97	mg/kg	Route	9.1E-010	mg/kg-day	3.4E-001	(mg/kg-day)-1	3.1E-010
	Acetophenone	0.76	mg/kg	0.76	mg/kg	Route	7.8E-011	mg/kg-day	NA	N/A	--
	Aldrin	17	mg/kg	17	mg/kg	Route	6.3E-008	mg/kg-day	1.7E+001	(mg/kg-day)-1	1.1E-006
	alpha-BHC	0.91	mg/kg	0.91	mg/kg	Route	4.1E-008	mg/kg-day	6.3E+000	(mg/kg-day)-1	2.6E-007
	alpha-chlordane	0.69	mg/kg	0.69	mg/kg	Route	7.7E-009	mg/kg-day	3.5E-001	(mg/kg-day)-1	2.7E-009
	Aroclor 1242	29	mg/kg	29	mg/kg	Route	1.8E-006	mg/kg-day	NA	N/A	--
	Aroclor 1248	454	mg/kg	454	mg/kg	Route	2.9E-005	mg/kg-day	NA	N/A	--
	Aroclor 1254	1755	mg/kg	1755	mg/kg	Route	1.1E-004	mg/kg-day	NA	N/A	--
	Dieldrin	31	mg/kg	31	mg/kg	Route	3.7E-007	mg/kg-day	1.6E+001	(mg/kg-day)-1	5.9E-006
	Endosulfan sulfate	2.5	mg/kg	2.5	mg/kg	Route	2.6E-010	mg/kg-day	NA	N/A	--
	Endrin	1.9	mg/kg	1.9	mg/kg	Route	2.2E-008	mg/kg-day	NA	N/A	--
	Endrin aldehyde	4	mg/kg	4	mg/kg	Route	4.6E-008	mg/kg-day	NA	N/A	--
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	3.3E-011	mg/kg-day	3.5E-001	(mg/kg-day)-1	1.2E-011
	Heptachlor	0.54	mg/kg	0.54	mg/kg	Route	6.0E-009	mg/kg-day	4.6E+000	(mg/kg-day)-1	2.7E-008
	Heptachlor epoxide	4.1	mg/kg	4.1	mg/kg	Route	2.1E-008	mg/kg-day	9.1E+000	(mg/kg-day)-1	1.9E-007
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	3.9E-010	mg/kg-day	1.5E+005	(mg/kg-day)-1	5.9E-005
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.0E-003	mg/kg-day	4.0E-001	(mg/kg-day)-1	7.9E-004
	Total PCBs	2246	mg/kg	2246	mg/kg	Route	1.4E-004	mg/kg-day	4.0E-001	(mg/kg-day)-1	5.7E-005
	Aluminum	17468	mg/kg	17468	mg/kg	Route	1.8E-006	mg/kg-day	NA	N/A	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	5.9E-010	mg/kg-day	NA	N/A	--
	Arsenic	25.1	mg/kg	25.1	mg/kg	Route	2.6E-009	mg/kg-day	1.5E+001	(mg/kg-day)-1	3.9E-008
	Barium	869	mg/kg	869	mg/kg	Route	8.9E-008	mg/kg-day	N/A	N/A	--

302096

TABLE 8.17.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Cadmium	32	mg/kg	32	mg/kg	Route	3.3E-009	mg/kg-day	6.3E+000	(mg/kg-day)-1	2.1E-008
	Chromium	32	mg/kg	32	mg/kg	Route	3.3E-009	mg/kg-day	NA	N/A	--
	Copper	230	mg/kg	230	mg/kg	Route	2.4E-008	mg/kg-day	NA	N/A	--
	Cyanide	0.39	mg/kg	0.39	mg/kg	Route	4.0E-011	mg/kg-day	NA	N/A	--
	Iron	26753	mg/kg	26753	mg/kg	Route	2.7E-006	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	463	mg/kg	463	mg/kg	Route	4.8E-008	mg/kg-day	NA	N/A	--
	Mercury	0.44	mg/kg	0.44	mg/kg	Route	4.1E-006	mg/kg-day	NA	N/A	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	1.0E-009	mg/kg-day	NA	N/A	--
	Thallium	0.87	mg/kg	0.87	mg/kg	Route	8.9E-011	mg/kg-day	NA	N/A	--
	Vanadium	43	mg/kg	43	mg/kg	Route	4.4E-009	mg/kg-day	NA	N/A	--
	Zinc	601	mg/kg	601	mg/kg	Route	6.2E-008	mg/kg-day	NA	N/A	--

Total Risk Across All Exposure Routes/Pathways (2) 3.5E-003

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 2.4E-001

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.
(2) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total.
Instead, these are shown as a separate line below the table.

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TABLE 8.17.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Ingestion	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	6.5E-009	mg/kg-day	6.0E-001	(mg/kg-day) -1	3.9E-009
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	3.9E-008	mg/kg-day	NA	N/A	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	2.0E-008	mg/kg-day	5.5E-002	(mg/kg-day) -1	1.1E-009
	cis-1,2-Dichloroethene	2.4	mg/kg	2.4	mg/kg	Route	1.9E-007	mg/kg-day	NA	N/A	--
	Tetrachloroethylene	0.49	mg/kg	0.49	mg/kg	Route	4.0E-008	mg/kg-day	5.2E-002	N/A	2.1E-009
	Trichloroethene	2	mg/kg	2	mg/kg	Route	1.6E-007	mg/kg-day	4.0E-001	(mg/kg-day) -1	6.5E-008
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	3.4E-008	mg/kg-day	7.2E-001	(mg/kg-day) -1	2.4E-008
	2-Methylnaphthalene	2.7	mg/kg	2.7	mg/kg	Route	2.2E-007	mg/kg-day	NA	N/A	--
	Acenaphthene	1.1	mg/kg	1.1	mg/kg	Route	8.9E-008	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	2.2	mg/kg	2.2	mg/kg	Route	1.8E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.3E-007
	Benzo(a)pyrene	2.1	mg/kg	2.1	mg/kg	Route	1.7E-007	mg/kg-day	7.3E+000	(mg/kg/day)-1	1.2E-006
	Benzo(b)fluoranthene	3.4	mg/kg	3.4	mg/kg	Route	2.7E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	2.0E-007
	Benzo(k)fluoranthene	2.4	mg/kg	2.4	mg/kg	Route	1.9E-007	mg/kg-day	7.3E-002	(mg/kg-day) -1	1.4E-008
	Carbazole	1.2	mg/kg	1.2	mg/kg	Route	9.7E-008	mg/kg-day	2.0E-002	(mg/kg-day) -1	1.9E-009
	Chrysene	3.2	mg/kg	3.2	mg/kg	Route	2.6E-007	mg/kg-day	7.3E-003	(mg/kg-day) -1	1.9E-009
	Dibenzofuran	4.7	mg/kg	4.7	mg/kg	Route	3.8E-007	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	1.8	mg/kg	1.8	mg/kg	Route	1.5E-007	mg/kg-day	7.3E+000	(mg/kg-day) -1	1.1E-006
	Fluoranthene	419	mg/kg	419	mg/kg	Route	3.4E-005	mg/kg-day	NA	N/A	--
	Fluorene	7.1	mg/kg	7.1	mg/kg	Route	5.7E-007	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	1.9	mg/kg	1.9	mg/kg	Route	1.5E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.1E-007
	Naphthalene	3.2	mg/kg	3.2	mg/kg	Route	2.6E-007	mg/kg-day	NA	N/A	--
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	1.7E-007	mg/kg-day	NA	N/A	--
	Pyrene	2.9	mg/kg	2.9	mg/kg	Route	2.3E-007	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	6.5E-010	mg/kg-day	1.5E+005	(mg/kg/day)-1	9.7E-005
	4,4'-DDE	20.8	mg/kg	20.8	mg/kg	Route	1.7E-006	mg/kg-day	3.4E-001	(mg/kg/day)-1	5.7E-007
	4,4'-DDT	0.97	mg/kg	0.97	mg/kg	Route	7.8E-008	mg/kg-day	3.4E-001	(mg/kg/day)-1	2.7E-008
	Acetophenone	0.76	mg/kg	0.76	mg/kg	Route	6.1E-008	mg/kg-day	NA	N/A	--
	Aldrin	17	mg/kg	17	mg/kg	Route	1.4E-006	mg/kg-day	1.7E+001	(mg/kg/day)-1	2.3E-005
	alpha-BHC	0.91	mg/kg	0.91	mg/kg	Route	7.4E-008	mg/kg-day	6.3E+000	(mg/kg/day)-1	4.6E-007
	alpha-chlordane	0.69	mg/kg	0.69	mg/kg	Route	5.6E-008	mg/kg-day	3.5E-001	(mg/kg/day)-1	2.0E-008
	Aroclor 1242	29	mg/kg	29	mg/kg	Route	2.3E-006	mg/kg-day	NA	N/A	--
	Aroclor 1248	454	mg/kg	454	mg/kg	Route	3.7E-005	mg/kg-day	NA	N/A	--
	Aroclor 1254	1755	mg/kg	1755	mg/kg	Route	1.4E-004	mg/kg-day	NA	N/A	--

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TABLE 8.17.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Dieldrin	31	mg/kg	31	mg/kg	Route	2.5E-006	mg/kg-day	1.6E+001	(mg/kg/day)-1	4.0E-005
	Endosulfan sulfate	2.5	mg/kg	2.5	mg/kg	Route	2.0E-007	mg/kg-day	NA	N/A	--
	Endrin	1.9	mg/kg	1.9	mg/kg	Route	1.5E-007	mg/kg-day	NA	N/A	--
	Endrin aldehyde	4	mg/kg	4	mg/kg	Route	3.2E-007	mg/kg-day	NA	N/A	--
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	2.6E-008	mg/kg-day	3.5E-001	(mg/kg/day)-1	9.1E-009
	Heptachlor	0.54	mg/kg	0.54	mg/kg	Route	4.4E-008	mg/kg-day	4.5E+000	(mg/kg/day)-1	2.0E-007
	Heptachlor epoxide	4.1	mg/kg	4.1	mg/kg	Route	3.3E-007	mg/kg-day	9.1E+000	(mg/kg/day)-1	3.0E-006
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	3.1E-007	mg/kg-day	1.5E+005	(mg/kg/day)-1	4.5E-002
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.6E-003	mg/kg-day	2.0E+000	(mg/kg/day)-1	5.1E-003
	Total PCBs	2246	mg/kg	2246	mg/kg	Route	1.8E-004	mg/kg-day	2.0E+000	(mg/kg/day)-1	3.6E-004
	Aluminum	17468	mg/kg	17468	mg/kg	Route	1.4E-003	mg/kg-day	NA	N/A	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	4.6E-007	mg/kg-day	NA	N/A	--
	Arsenic	25.1	mg/kg	25.1	mg/kg	Route	2.0E-006	mg/kg-day	1.5E+000	(mg/kg/day)-1	3.0E-006
	Barium	869	mg/kg	869	mg/kg	Route	7.0E-005	mg/kg-day	NA	N/A	--
	Cadmium	32	mg/kg	32	mg/kg	Route	2.6E-006	mg/kg-day	NA	N/A	--
	Chromium	32	mg/kg	32	mg/kg	Route	2.6E-006	mg/kg-day	NA	N/A	--
	Copper	230	mg/kg	230	mg/kg	Route	1.9E-005	mg/kg-day	NA	N/A	--
	Cyanide	0.39	mg/kg	0.39	mg/kg	Route	3.2E-008	mg/kg-day	NA	N/A	--
	Iron	26753	mg/kg	26753	mg/kg	Route	2.2E-003	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	463	mg/kg	463	mg/kg	Route	3.7E-005	mg/kg-day	NA	N/A	--
	Mercury	0.44	mg/kg	0.44	mg/kg	Route	3.6E-008	mg/kg-day	NA	N/A	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	7.9E-007	mg/kg-day	NA	N/A	--
	Thallium	0.87	mg/kg	0.87	mg/kg	Route	7.0E-008	mg/kg-day	NA	N/A	--
	Vanadium	43	mg/kg	43	mg/kg	Route	3.5E-006	mg/kg-day	NA	N/A	--
	Zinc	601	mg/kg	601	mg/kg	Route	4.9E-005	mg/kg-day	NA	N/A	--
Dermal Absorption	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	N/A	N/A	N/A	N/A	--
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	N/A	N/A	N/A	N/A	--
	cis-1,2-Dichloroethene	2.4	mg/kg	2.4	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Tetrachloroethylene	0.49	mg/kg	0.49	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Trichloroethene	2	mg/kg	2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	N/A	N/A	N/A	N/A	--

302099

TABLE 8.17.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	2-Methylnaphthalene	2.7	mg/kg	2.7	mg/kg	Route	1.9E-008	mg/kg-day	N/A	N/A	--
	Acenaphthene	1.1	mg/kg	1.1	mg/kg	Route	7.6E-009	mg/kg-day	N/A	N/A	--
	Benzo(a)anthracene	2.2	mg/kg	2.2	mg/kg	Route	1.5E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.1E-008
	Benzo(a)pyrene	2.1	mg/kg	2.1	mg/kg	Route	1.5E-008	mg/kg-day	7.3E+000	(mg/kg/day)-1	1.1E-007
	Benzo(b)fluoranthene	3.4	mg/kg	3.4	mg/kg	Route	2.4E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.7E-008
	Benzo(k)fluoranthene	2.4	mg/kg	2.4	mg/kg	Route	1.7E-008	mg/kg-day	7.3E-002	(mg/kg-day) -1	1.2E-009
	Carbazole	1.2	mg/kg	1.2	mg/kg	Route	6.4E-009	mg/kg-day	2.0E-002	(mg/kg-day) -1	1.3E-010
	Chrysene	3.2	mg/kg	3.2	mg/kg	Route	2.2E-008	mg/kg-day	7.3E-003	(mg/kg-day) -1	1.6E-010
	Dibenzofuran	4.7	mg/kg	4.7	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Dibenz(a,h)anthracene	1.8	mg/kg	1.8	mg/kg	Route	1.2E-008	mg/kg-day	7.3E+000	(mg/kg-day) -1	9.1E-008
	Fluoranthene	419	mg/kg	419	mg/kg	Route	2.9E-006	mg/kg-day	N/A	N/A	--
	Fluorene	7.1	mg/kg	7.1	mg/kg	Route	4.9E-008	mg/kg-day	N/A	N/A	--
	Indeno(1,2,3-cd)pyrene	1.9	mg/kg	1.9	mg/kg	Route	1.3E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	9.6E-009
	Naphthalene	3.2	mg/kg	3.2	mg/kg	Route	2.2E-008	mg/kg-day	N/A	N/A	--
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	1.5E-008	mg/kg-day	N/A	N/A	--
	Pyrene	2.9	mg/kg	2.9	mg/kg	Route	2.0E-008	mg/kg-day	N/A	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	1.3E-011	mg/kg-day	1.5E+005	(mg/kg/day)-1	1.9E-006
	4,4'-DDE	20.8	mg/kg	20.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	4,4'-DDT	0.97	mg/kg	0.97	mg/kg	Route	1.6E-009	mg/kg-day	3.4E-001	(mg/kg/day)-1	5.3E-010
	Acetophenone	0.76	mg/kg	0.76	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aldrin	17	mg/kg	17	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-BHC	0.91	mg/kg	0.91	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-chlordane	0.69	mg/kg	0.69	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aroclor 1242	29	mg/kg	29	mg/kg	Route	2.2E-007	mg/kg-day	N/A	N/A	--
	Aroclor 1248	454	mg/kg	454	mg/kg	Route	3.4E-006	mg/kg-day	N/A	N/A	--
	Aroclor 1254	1755	mg/kg	1755	mg/kg	Route	1.3E-005	mg/kg-day	N/A	N/A	--
	Dieldrin	31	mg/kg	31	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endosulfan sulfate	2.5	mg/kg	2.5	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin	1.9	mg/kg	1.9	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin aldehyde	4	mg/kg	4	mg/kg	Route	N/A	N/A	N/A	N/A	--
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	6.8E-010	mg/kg-day	3.5E-001	(mg/kg/day)-1	2.4E-010
	Heptachlor	0.54	mg/kg	0.54	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor epoxide	4.1	mg/kg	4.1	mg/kg	Route	N/A	N/A	N/A	N/A	--

302100

TABLE 8.17.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	6.1E-009	mg/kg-day	1.5E+005	(mg/kg/day)-1	9.1E-004
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	2.4E-004	mg/kg-day	2.0E+000	(mg/kg/day)-1	4.7E-004
	Total PCBs	2246	mg/kg	2246	mg/kg	Route	1.7E-005	mg/kg-day	2.0E+000	(mg/kg/day)-1	3.4E-005
	Aluminum	17468	mg/kg	17468	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Arsenic	25.1	mg/kg	25.1	mg/kg	Route	4.0E-008	mg/kg-day	1.5E+000	(mg/kg/day)-1	6.0E-008
	Barium	869	mg/kg	869	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cadmium	32	mg/kg	32	mg/kg	Route	1.7E-009	mg/kg-day	N/A	N/A	--
	Chromium	32	mg/kg	32	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Copper	230	mg/kg	230	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cyanide	0.39	mg/kg	0.39	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Iron	26753	mg/kg	26753	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Manganese	463	mg/kg	463	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Mercury	0.44	mg/kg	0.44	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Thallium	0.87	mg/kg	0.87	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vanadium	43	mg/kg	43	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Zinc	601	mg/kg	601	mg/kg	Route	N/A	N/A	N/A	N/A	--
Inhalation	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	4.7E-007	mg/kg-day	1.8E-001	(mg/kg-day)-1	8.2E-008
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	1.3E-011	mg/kg-day	NA	N/A	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	6.8E-007	mg/kg-day	2.7E-002	(mg/kg-day)-1	1.9E-008
	cis-1,2-Dichloroethene	2.4	mg/kg	2.4	mg/kg	Route	6.5E-006	mg/kg-day	NA	N/A	--
	Tetrachloroethylene	0.49	mg/kg	0.49	mg/kg	Route	1.4E-006	mg/kg-day	1.1E-002	(mg/kg-day)-1	1.5E-008
	Trichloroethene	2	mg/kg	2	mg/kg	Route	4.2E-006	mg/kg-day	4.0E-001	(mg/kg-day)-1	1.7E-006
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	4.4E-006	mg/kg-day	1.5E-002	(mg/kg-day)-1	6.8E-008
	2-Methylnaphthalene	2.7	mg/kg	2.7	mg/kg	Route	3.1E-007	mg/kg-day	NA	N/A	--
	Acenaphthene	1.1	mg/kg	1.1	mg/kg	Route	3.2E-008	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	2.2	mg/kg	2.2	mg/kg	Route	1.6E-009	mg/kg-day	3.1E-001	(mg/kg-day)-1	4.9E-010
	Benzo(a)pyrene	2.1	mg/kg	2.1	mg/kg	Route	6.4E-010	mg/kg-day	3.1E+000	(mg/kg-day)-1	2.0E-009
	Benzo(b)fluoranthene	3.4	mg/kg	3.4	mg/kg	Route	4.8E-009	mg/kg-day	3.1E-001	(mg/kg-day)-1	1.5E-009
	Benzo(k)fluoranthene	2.4	mg/kg	2.4	mg/kg	Route	4.9E-010	mg/kg-day	3.1E-002	(mg/kg-day)-1	1.5E-011
	Carbazole	1.2	mg/kg	1.2	mg/kg	Route	3.5E-009	mg/kg-day	NA	N/A	--

302101

TABLE 8.17.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Chrysene	3.2	mg/kg	3.2	mg/kg	Route	7.6E-009	mg/kg-day	3.1E-003	(mg/kg-day)-1	2.4E-011
	Dibenzofuran	4.7	mg/kg	4.7	mg/kg	Route	1.2E-010	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	1.8	mg/kg	1.8	mg/kg	Route	1.8E-010	mg/kg-day	3.1E+000	(mg/kg-day)-1	5.6E-010
	Fluoranthene	419	mg/kg	419	mg/kg	Route	8.9E-007	mg/kg-day	NA	N/A	--
	Fluorene	7.1	mg/kg	7.1	mg/kg	Route	8.9E-008	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	1.9	mg/kg	1.9	mg/kg	Route	2.8E-010	mg/kg-day	3.1E-001	(mg/kg-day)-1	8.7E-011
	Naphthalene	3.2	mg/kg	3.2	mg/kg	Route	3.7E-007	mg/kg-day	NA	N/A	--
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	3.6E-009	mg/kg-day	NA	N/A	--
	Pyrene	2.9	mg/kg	2.9	mg/kg	Route	5.0E-009	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	2.1E-013	mg/kg-day	1.5E+005	(mg/kg-day)-1	3.2E-008
	4,4'-DDE	20.8	mg/kg	20.8	mg/kg	Route	6.0E-009	mg/kg-day	NA	N/A	--
	4,4'-DDT	0.97	mg/kg	0.97	mg/kg	Route	2.3E-010	mg/kg-day	3.4E-001	(mg/kg-day)-1	8.0E-011
	Acetophenone	0.76	mg/kg	0.76	mg/kg	Route	2.0E-011	mg/kg-day	NA	N/A	--
	Aldrin	17	mg/kg	17	mg/kg	Route	1.6E-008	mg/kg-day	1.7E+001	(mg/kg-day)-1	2.8E-007
	alpha-BHC	0.91	mg/kg	0.91	mg/kg	Route	1.1E-008	mg/kg-day	6.3E+000	(mg/kg-day)-1	6.7E-008
	alpha-chlordane	0.69	mg/kg	0.69	mg/kg	Route	2.0E-009	mg/kg-day	3.5E-001	(mg/kg-day)-1	6.9E-010
	Aroclor 1242	29	mg/kg	29	mg/kg	Route	4.7E-007	mg/kg-day	NA	N/A	--
	Aroclor 1248	454	mg/kg	454	mg/kg	Route	7.3E-006	mg/kg-day	NA	N/A	--
	Aroclor 1254	1755	mg/kg	1755	mg/kg	Route	2.8E-005	mg/kg-day	NA	N/A	--
	Dieldrin	31	mg/kg	31	mg/kg	Route	9.4E-008	mg/kg-day	1.6E+001	(mg/kg-day)-1	1.5E-006
	Endosulfan sulfate	2.5	mg/kg	2.5	mg/kg	Route	6.6E-011	mg/kg-day	NA	N/A	--
	Endrin	1.9	mg/kg	1.9	mg/kg	Route	5.6E-009	mg/kg-day	NA	N/A	--
	Endrin aldehyde	4	mg/kg	4	mg/kg	Route	1.2E-008	mg/kg-day	NA	N/A	--
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	8.5E-012	mg/kg-day	3.5E-001	(mg/kg-day)-1	3.0E-012
	Heptachlor	0.54	mg/kg	0.54	mg/kg	Route	1.5E-009	mg/kg-day	4.6E+000	(mg/kg-day)-1	7.0E-009
	Heptachlor epoxide	4.1	mg/kg	4.1	mg/kg	Route	5.3E-009	mg/kg-day	9.1E+000	(mg/kg-day)-1	4.8E-008
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	1.0E-010	mg/kg-day	1.5E+005	(mg/kg-day)-1	1.5E-005
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	5.1E-004	mg/kg-day	4.0E-001	(mg/kg-day)-1	2.0E-004
	Total PCBs	2246	mg/kg	2246	mg/kg	Route	3.6E-005	mg/kg-day	4.0E-001	(mg/kg-day)-1	1.5E-005
	Aluminum	17468	mg/kg	17468	mg/kg	Route	4.6E-007	mg/kg-day	NA	N/A	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	1.5E-010	mg/kg-day	NA	N/A	--
	Arsenic	25.1	mg/kg	25.1	mg/kg	Route	6.6E-010	mg/kg-day	1.5E+001	(mg/kg-day)-1	1.0E-008
	Barium	869	mg/kg	869	mg/kg	Route	2.3E-008	mg/kg-day	N/A	N/A	--

302102

TABLE 8.17.CT
CALCULATION OF CANCER RISKS
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Cadmium	32	mg/kg	32	mg/kg	Route	8.5E-010	mg/kg-day	6.3E+000	(mg/kg-day)-1	5.3E-009
	Chromium	32	mg/kg	32	mg/kg	Route	8.5E-010	mg/kg-day	NA	N/A	--
	Copper	230	mg/kg	230	mg/kg	Route	6.1E-009	mg/kg-day	NA	N/A	--
	Cyanide	0.39	mg/kg	0.39	mg/kg	Route	1.0E-011	mg/kg-day	NA	N/A	--
	Iron	26753	mg/kg	26753	mg/kg	Route	7.1E-007	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	463	mg/kg	463	mg/kg	Route	1.2E-008	mg/kg-day	NA	N/A	--
	Mercury	0.44	mg/kg	0.44	mg/kg	Route	1.1E-006	mg/kg-day	NA	N/A	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	2.6E-010	mg/kg-day	NA	N/A	--
	Thallium	0.87	mg/kg	0.87	mg/kg	Route	2.3E-011	mg/kg-day	NA	N/A	--
	Vanadium	43	mg/kg	43	mg/kg	Route	1.1E-009	mg/kg-day	NA	N/A	--
	Zinc	601	mg/kg	601	mg/kg	Route	1.6E-008	mg/kg-day	NA	N/A	--

Total Risk Across All Exposure Routes/Pathways (2) 5.9E-004

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 5.2E-002

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.
(2) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total.
Instead, these are shown as a separate line below the table.

302103

TABLE 8.18.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Ingestion	Benzene	0.001	mg/kg	0.001	mg/kg	Route	4.0E-011	mg/kg-day	5.5E-002	(mg/kg-day) -1	2.2E-012
	Trichloroethene	0.04	mg/kg	0.04	mg/kg	Route	1.6E-009	mg/kg-day	4.0E-001	(mg/kg-day) -1	6.4E-010
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	3.4E-008	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	1.6	mg/kg	1.6	mg/kg	Route	6.4E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	4.7E-008
	Benzo(a)pyrene	1.3	mg/kg	1.3	mg/kg	Route	5.2E-008	mg/kg-day	7.3E+000	(mg/kg/day)-1	3.8E-007
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	4.8E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	3.5E-008
	Benzo(k)fluoranthene	1.6	mg/kg	1.6	mg/kg	Route	6.4E-008	mg/kg-day	7.3E-002	(mg/kg-day) -1	4.7E-009
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	2.1E-008	mg/kg-day	7.3E+000	(mg/kg-day) -1	1.5E-007
	Indeno(1,2,3-cd)pyrene	0.81	mg/kg	0.81	mg/kg	Route	3.2E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	2.4E-008
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	8.0E-008	mg/kg-day	3.4E-001	(mg/kg/day)-1	2.7E-008
	Aldrin	2.4	mg/kg	2.4	mg/kg	Route	9.6E-008	mg/kg-day	1.7E+001	(mg/kg/day)-1	1.6E-006
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	6.4E-009	mg/kg-day	6.3E+000	(mg/kg/day)-1	4.0E-008
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	5.6E-009	mg/kg-day	3.5E-001	(mg/kg/day)-1	2.0E-009
	Aroclor 1242	9.6	mg/kg	9.6	mg/kg	Route	3.8E-007	mg/kg-day	NA	N/A	--
	Aroclor 1248	62.7	mg/kg	62.7	mg/kg	Route	2.5E-006	mg/kg-day	NA	N/A	--
	Aroclor 1254	108	mg/kg	108	mg/kg	Route	4.3E-006	mg/kg-day	NA	N/A	--
	Dieldrin	2.9	mg/kg	2.9	mg/kg	Route	1.2E-007	mg/kg-day	1.6E+001	(mg/kg/day)-1	1.8E-006
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	1.3E-008	mg/kg-day	NA	N/A	--
	Endrin	1.8	mg/kg	1.8	mg/kg	Route	7.2E-008	mg/kg-day	NA	N/A	--
	Heptachlor	1.8	mg/kg	1.8	mg/kg	Route	7.2E-008	mg/kg-day	4.5E+000	(mg/kg/day)-1	3.2E-007
	Heptachlor epoxide	0.91	mg/kg	0.91	mg/kg	Route	3.6E-008	mg/kg-day	9.1E+000	(mg/kg/day)-1	3.3E-007
	Total PCBs	154	mg/kg	154	mg/kg	Route	6.1E-006	mg/kg-day	2.0E+000	(mg/kg/day)-1	1.2E-005
	Aluminum	13580	mg/kg	13580	mg/kg	Route	5.4E-004	mg/kg-day	NA	N/A	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	1.3E-007	mg/kg-day	NA	N/A	--
	Arsenic	21	mg/kg	21	mg/kg	Route	8.4E-007	mg/kg-day	1.5E+000	(mg/kg/day)-1	1.3E-006
	Barium	292	mg/kg	292	mg/kg	Route	1.2E-005	mg/kg-day	NA	N/A	--

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TABLE 8.18.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Cadmium	12.8	mg/kg	12.8	mg/kg	Route	5.1E-007	mg/kg-day	NA	N/A	--
	Chromium	24.8	mg/kg	24.8	mg/kg	Route	9.9E-007	mg/kg-day	NA	N/A	--
	Copper	308	mg/kg	308	mg/kg	Route	1.2E-005	mg/kg-day	NA	N/A	--
	Iron	25928	mg/kg	25928	mg/kg	Route	1.0E-003	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	799	mg/kg	799	mg/kg	Route	3.2E-005	mg/kg-day	NA	N/A	--
	Mercury	0.73	mg/kg	0.73	mg/kg	Route	2.9E-008	mg/kg-day	NA	N/A	--
	Nickel	53	mg/kg	53	mg/kg	Route	2.1E-006	mg/kg-day	NA	N/A	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	1.1E-007	mg/kg-day	NA	N/A	--
	Vanadium	39	mg/kg	39	mg/kg	Route	1.6E-006	mg/kg-day	NA	N/A	--
	Cyanide	0.51	mg/kg	0.51	mg/kg	Route	2.0E-008	mg/kg-day	NA	N/A	--
Dermal	Benzene	0.001	mg/kg	0.001	mg/kg	Route	N/A	N/A	N/A	N/A	--
Absorption	Trichloroethene	0.04	mg/kg	0.04	mg/kg	Route	N/A	N/A	N/A	N/A	--
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	1.3E-008	mg/kg-day	N/A	N/A	--
	Benzo(a)anthracene	1.6	mg/kg	1.6	mg/kg	Route	2.5E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.8E-008
	Benzo(a)pyrene	1.3	mg/kg	1.3	mg/kg	Route	2.0E-008	mg/kg-day	7.3E+000	(mg/kg/day)-1	1.5E-007
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	1.9E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.4E-008
	Benzo(k)fluoranthene	1.6	mg/kg	1.6	mg/kg	Route	2.5E-008	mg/kg-day	7.3E-002	(mg/kg-day) -1	1.8E-009
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	8.2E-009	mg/kg-day	7.3E+000	(mg/kg-day) -1	6.0E-008
	Indeno(1,2,3-cd)pyrene	0.81	mg/kg	0.81	mg/kg	Route	1.3E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	9.2E-009
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aldrin	2.4	mg/kg	2.4	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aroclor 1242	9.6	mg/kg	9.6	mg/kg	Route	1.6E-007	mg/kg-day	N/A	N/A	--
	Aroclor 1248	62.7	mg/kg	62.7	mg/kg	Route	1.0E-006	mg/kg-day	N/A	N/A	--

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TABLE 8.18.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Aroclor 1254	108	mg/kg	108	mg/kg	Route	1.8E-006	mg/kg-day	N/A	N/A	--
	Dieldrin	2.9	mg/kg	2.9	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin	1.8	mg/kg	1.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor	1.8	mg/kg	1.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor epoxide	0.91	mg/kg	0.91	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Total PCBs	154	mg/kg	154	mg/kg	Route	2.6E-006	mg/kg-day	2.0E+000	(mg/kg/day)-1	5.2E-006
	Aluminum	13580	mg/kg	13580	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Arsenic	21	mg/kg	21	mg/kg	Route	7.5E-008	mg/kg-day	1.5E+000	(mg/kg/day)-1	1.1E-007
	Barium	292	mg/kg	292	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cadmium	12.8	mg/kg	12.8	mg/kg	Route	1.5E-009	mg/kg-day	N/A	N/A	--
	Chromium	24.8	mg/kg	24.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Copper	308	mg/kg	308	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Iron	25928	mg/kg	25928	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Manganese	799	mg/kg	799	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Mercury	0.73	mg/kg	0.73	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Nickel	53	mg/kg	53	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vanadium	39	mg/kg	39	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cyanide	0.51	mg/kg	0.51	mg/kg	Route	N/A	N/A	N/A	N/A	--

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TABLE 8.18.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Inhalation	Benzene	0.001	mg/kg	0.001	mg/kg	Route	3.3E-009	mg/kg-day	2.7E-002	(mg/kg-day)-1	9.1E-011
	Trichloroethene	0.04	mg/kg	0.04	mg/kg	Route	1.0E-007	mg/kg-day	4.0E-001	(mg/kg-day)-1	4.2E-008
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	1.2E-007	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	1.6	mg/kg	1.6	mg/kg	Route	1.4E-009	mg/kg-day	3.1E-001	(mg/kg-day)-1	4.3E-010
	Benzo(a)pyrene	1.3	mg/kg	1.3	mg/kg	Route	4.6E-010	mg/kg-day	3.1E+000	(mg/kg-day)-1	1.4E-009
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	2.0E-009	mg/kg-day	3.1E-001	(mg/kg-day)-1	6.3E-010
	Benzo(k)fluoranthene	1.6	mg/kg	1.6	mg/kg	Route	3.6E-010	mg/kg-day	3.1E-002	(mg/kg-day)-1	1.1E-011
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	5.1E-011	mg/kg-day	3.1E+000	(mg/kg-day)-1	1.6E-010
	Indeno(1,2,3-cd)pyrene	0.81	mg/kg	0.81	mg/kg	Route	1.2E-010	mg/kg-day	3.1E-001	(mg/kg-day)-1	3.9E-011
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	6.5E-010	mg/kg-day	NA	N/A	--
	Aldrin	2.4	mg/kg	2.4	mg/kg	Route	2.7E-009	mg/kg-day	1.7E+001	(mg/kg-day)-1	4.7E-008
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	2.3E-009	mg/kg-day	6.3E+000	(mg/kg-day)-1	1.5E-008
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	4.9E-010	mg/kg-day	3.5E-001	(mg/kg-day)-1	1.7E-010
	Aroclor 1242	9.6	mg/kg	9.6	mg/kg	Route	3.8E-008	mg/kg-day	NA	N/A	--
	Aroclor 1248	62.7	mg/kg	62.7	mg/kg	Route	2.5E-007	mg/kg-day	NA	N/A	--
	Aroclor 1254	108	mg/kg	108	mg/kg	Route	4.3E-007	mg/kg-day	NA	N/A	--
	Dieldrin	2.9	mg/kg	2.9	mg/kg	Route	1.1E-008	mg/kg-day	1.6E+001	(mg/kg-day)-1	1.7E-007
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	1.8E-012	mg/kg-day	NA	N/A	--
	Endrin	1.8	mg/kg	1.8	mg/kg	Route	6.5E-009	mg/kg-day	NA	N/A	--
	Heptachlor	1.8	mg/kg	1.8	mg/kg	Route	6.3E-009	mg/kg-day	4.6E+000	(mg/kg-day)-1	2.9E-008
	Heptachlor epoxide	0.91	mg/kg	0.91	mg/kg	Route	1.4E-009	mg/kg-day	9.1E+000	(mg/kg-day)-1	1.3E-008
	Total PCBs	154	mg/kg	154	mg/kg	Route	6.1E-007	mg/kg-day	4.0E-001	(mg/kg-day)-1	2.5E-007
	Aluminum	13580	mg/kg	13580	mg/kg	Route	7.6E-008	mg/kg-day	NA	N/A	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	1.8E-011	mg/kg-day	NA	N/A	--
	Arsenic	21	mg/kg	21	mg/kg	Route	1.2E-010	mg/kg-day	1.5E+001	(mg/kg-day)-1	1.8E-009
	Barium	292	mg/kg	292	mg/kg	Route	1.6E-009	mg/kg-day	N/A	N/A	--

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TABLE 8.18.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A with Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Cadmium	12.8	mg/kg	12.8	mg/kg	Route	7.1E-011	mg/kg-day	6.3E+000	(mg/kg-day)-1	4.5E-010
	Chromium	24.8	mg/kg	24.8	mg/kg	Route	1.4E-010	mg/kg-day	NA	N/A	--
	Copper	308	mg/kg	308	mg/kg	Route	1.7E-009	mg/kg-day	NA	N/A	--
	Iron	25928	mg/kg	25928	mg/kg	Route	1.4E-007	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	799	mg/kg	799	mg/kg	Route	4.4E-009	mg/kg-day	NA	N/A	--
	Mercury	0.73	mg/kg	0.73	mg/kg	Route	2.2E-006	mg/kg-day	NA	N/A	--
	Nickel	53	mg/kg	53	mg/kg	Route	3.0E-010	mg/kg-day	NA	N/A	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	1.6E-011	mg/kg-day	NA	N/A	--
	Vanadium	39	mg/kg	39	mg/kg	Route	2.2E-010	mg/kg-day	NA	N/A	--
	Cyanide	0.51	mg/kg	0.51	mg/kg	Route	2.8E-012	mg/kg-day	NA	N/A	--
										Total Risk Across All Exposure Routes/Pathways	2.4E-005

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.

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TABLE 8.19.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Ingestion	Benzene	0.001	mg/kg	0.001	mg/kg	Route	4.0E-011	mg/kg-day	5.5E-002	(mg/kg-day) -1	2.2E-012
	Trichloroethene	0.027	mg/kg	0.027	mg/kg	Route	1.1E-009	mg/kg-day	4.0E-001	(mg/kg-day) -1	4.3E-010
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	3.4E-008	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	0.8	mg/kg	0.8	mg/kg	Route	3.2E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	2.3E-008
	Benzo(a)pyrene	0.85	mg/kg	0.85	mg/kg	Route	3.4E-008	mg/kg-day	7.3E+000	(mg/kg/day)-1	2.5E-007
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	4.8E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	3.5E-008
	Benzo(k)fluoranthene	0.71	mg/kg	0.71	mg/kg	Route	2.8E-008	mg/kg-day	7.3E-002	(mg/kg-day) -1	2.1E-009
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	2.1E-008	mg/kg-day	7.3E+000	(mg/kg-day) -1	1.5E-007
	Indeno(1,2,3-cd)pyrene	0.65	mg/kg	0.65	mg/kg	Route	2.6E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.9E-008
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	8.0E-008	mg/kg-day	3.4E-001	(mg/kg/day)-1	2.7E-008
	Aldrin	1.3	mg/kg	1.3	mg/kg	Route	5.2E-008	mg/kg-day	1.7E+001	(mg/kg/day)-1	8.8E-007
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	6.4E-009	mg/kg-day	6.3E+000	(mg/kg/day)-1	4.0E-008
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	5.6E-009	mg/kg-day	3.5E-001	(mg/kg/day)-1	2.0E-009
	Aroclor 1242	4.2	mg/kg	4.2	mg/kg	Route	1.7E-007	mg/kg-day	NA	N/A	--
	Aroclor 1248	11	mg/kg	11	mg/kg	Route	4.4E-007	mg/kg-day	NA	N/A	--
	Aroclor 1254	80	mg/kg	80	mg/kg	Route	3.2E-006	mg/kg-day	NA	N/A	--
	Dieldrin	0.26	mg/kg	0.26	mg/kg	Route	1.0E-008	mg/kg-day	1.6E+001	(mg/kg/day)-1	1.7E-007
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	1.3E-008	mg/kg-day	NA	N/A	--
	Endrin	0.43	mg/kg	0.43	mg/kg	Route	1.7E-008	mg/kg-day	NA	N/A	--
	Heptachlor	0.12	mg/kg	0.12	mg/kg	Route	4.8E-009	mg/kg-day	4.5E+000	(mg/kg/day)-1	2.2E-008
	Heptachlor epoxide	0.91	mg/kg	0.91	mg/kg	Route	3.6E-008	mg/kg-day	9.1E+000	(mg/kg/day)-1	3.3E-007
	Total PCBs	122	mg/kg	122	mg/kg	Route	4.9E-006	mg/kg-day	2.0E+000	(mg/kg/day)-1	9.7E-006
	Aluminum	12135	mg/kg	12135	mg/kg	Route	4.8E-004	mg/kg-day	NA	N/A	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	1.3E-007	mg/kg-day	NA	N/A	--
	Arsenic	21	mg/kg	21	mg/kg	Route	8.4E-007	mg/kg-day	1.5E+000	(mg/kg/day)-1	1.3E-006
	Barium	292	mg/kg	292	mg/kg	Route	1.2E-005	mg/kg-day	NA	N/A	--

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TABLE 8.19.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Cadmium	7.6	mg/kg	7.6	mg/kg	Route	3.0E-007	mg/kg-day	NA	N/A	--
	Chromium	25	mg/kg	25	mg/kg	Route	1.0E-006	mg/kg-day	NA	N/A	--
	Copper	308	mg/kg	308	mg/kg	Route	1.2E-005	mg/kg-day	NA	N/A	--
	Iron	25928	mg/kg	25928	mg/kg	Route	1.0E-003	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	799	mg/kg	799	mg/kg	Route	3.2E-005	mg/kg-day	NA	N/A	--
	Mercury	0.21	mg/kg	0.21	mg/kg	Route	8.4E-009	mg/kg-day	NA	N/A	--
	Nickel	42	mg/kg	42	mg/kg	Route	1.7E-006	mg/kg-day	NA	N/A	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	1.1E-007	mg/kg-day	NA	N/A	--
	Vanadium	28	mg/kg	28	mg/kg	Route	1.1E-006	mg/kg-day	NA	N/A	--
	Cyanide	0.2	mg/kg	0.2	mg/kg	Route	8.0E-009	mg/kg-day	NA	N/A	--
Dermal Absorption	Benzene	0.001	mg/kg	0.001	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Trichloroethene	0.027	mg/kg	0.027	mg/kg	Route	N/A	N/A	N/A	N/A	--
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	1.3E-008	mg/kg-day	N/A	N/A	--
	Benzo(a)anthracene	0.8	mg/kg	0.8	mg/kg	Route	1.2E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	9.1E-009
	Benzo(a)pyrene	0.85	mg/kg	0.85	mg/kg	Route	1.3E-008	mg/kg-day	7.3E+000	(mg/kg/day)-1	9.6E-008
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	1.9E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.4E-008
	Benzo(k)fluoranthene	0.71	mg/kg	0.71	mg/kg	Route	1.1E-008	mg/kg-day	7.3E-002	(mg/kg-day) -1	8.1E-010
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	8.2E-009	mg/kg-day	7.3E+000	(mg/kg-day) -1	6.0E-008
	Indeno(1,2,3-cd)pyrene	0.65	mg/kg	0.65	mg/kg	Route	1.0E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	7.4E-009
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aldrin	1.3	mg/kg	1.3	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aroclor 1242	4.2	mg/kg	4.2	mg/kg	Route	7.0E-008	mg/kg-day	N/A	N/A	--
	Aroclor 1248	11	mg/kg	11	mg/kg	Route	1.8E-007	mg/kg-day	N/A	N/A	--

302110

TABLE 8.19.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Aroclor 1254	80	mg/kg	80	mg/kg	Route	1.3E-006	mg/kg-day	N/A	N/A	--
	Dieldrin	0.26	mg/kg	0.26	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin	0.43	mg/kg	0.43	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor	0.12	mg/kg	0.12	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor epoxide	0.91	mg/kg	0.91	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Total PCBs	122	mg/kg	122	mg/kg	Route	2.0E-006	mg/kg-day	2.0E+000	(mg/kg/day)-1	4.1E-006
	Aluminum	12135	mg/kg	12135	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Arsenic	21	mg/kg	21	mg/kg	Route	7.5E-008	mg/kg-day	1.5E+000	(mg/kg/day)-1	1.1E-007
	Barium	292	mg/kg	292	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cadmium	7.6	mg/kg	7.6	mg/kg	Route	9.1E-010	mg/kg-day	N/A	N/A	--
	Chromium	25	mg/kg	25	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Copper	308	mg/kg	308	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Iron	25928	mg/kg	25928	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Manganese	799	mg/kg	799	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Mercury	0.21	mg/kg	0.21	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Nickel	42	mg/kg	42	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vanadium	28	mg/kg	28	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cyanide	0.2	mg/kg	0.2	mg/kg	Route	N/A	N/A	N/A	N/A	--

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TABLE 8.19.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Inhalation	Benzene	0.001	mg/kg	0.001	mg/kg	Route	3.3E-009	mg/kg-day	2.7E-002	(mg/kg-day)-1	9.1E-011
	Trichloroethene	0.027	mg/kg	0.027	mg/kg	Route	7.0E-008	mg/kg-day	4.0E-001	(mg/kg-day)-1	2.8E-008
	2-Methylnaphthalene	0.86	mg/kg	0.86	mg/kg	Route	1.2E-007	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	0.8	mg/kg	0.8	mg/kg	Route	6.9E-010	mg/kg-day	3.1E-001	(mg/kg-day)-1	2.1E-010
	Benzo(a)pyrene	0.85	mg/kg	0.85	mg/kg	Route	3.0E-010	mg/kg-day	3.1E+000	(mg/kg-day)-1	9.3E-010
	Benzo(b)fluoranthene	1.2	mg/kg	1.2	mg/kg	Route	2.0E-009	mg/kg-day	3.1E-001	(mg/kg-day)-1	6.3E-010
	Benzo(k)fluoranthene	0.71	mg/kg	0.71	mg/kg	Route	1.6E-010	mg/kg-day	3.1E-002	(mg/kg-day)-1	5.0E-012
	Dibenz(a,h)anthracene	0.53	mg/kg	0.53	mg/kg	Route	5.1E-011	mg/kg-day	3.1E+000	(mg/kg-day)-1	1.6E-010
	Indeno(1,2,3-cd)pyrene	0.65	mg/kg	0.65	mg/kg	Route	1.0E-010	mg/kg-day	3.1E-001	(mg/kg-day)-1	3.1E-011
	4,4'-DDE	2	mg/kg	2	mg/kg	Route	6.5E-010	mg/kg-day	NA	N/A	--
	Aldrin	1.3	mg/kg	1.3	mg/kg	Route	1.5E-009	mg/kg-day	1.7E+001	(mg/kg-day)-1	2.6E-008
	alpha-BHC	0.16	mg/kg	0.16	mg/kg	Route	2.3E-009	mg/kg-day	6.3E+000	(mg/kg-day)-1	1.5E-008
	alpha-chlordane	0.14	mg/kg	0.14	mg/kg	Route	4.9E-010	mg/kg-day	3.5E-001	(mg/kg-day)-1	1.7E-010
	Aroclor 1242	4.2	mg/kg	4.2	mg/kg	Route	1.7E-008	mg/kg-day	NA	N/A	--
	Aroclor 1248	11	mg/kg	11	mg/kg	Route	4.4E-008	mg/kg-day	NA	N/A	--
	Aroclor 1254	80	mg/kg	80	mg/kg	Route	3.2E-007	mg/kg-day	NA	N/A	--
	Dieldrin	0.26	mg/kg	0.26	mg/kg	Route	9.6E-010	mg/kg-day	1.6E+001	(mg/kg-day)-1	1.6E-008
	Endosulfan sulfate	0.32	mg/kg	0.32	mg/kg	Route	1.8E-012	mg/kg-day	NA	N/A	--
	Endrin	0.43	mg/kg	0.43	mg/kg	Route	1.6E-009	mg/kg-day	NA	N/A	--
	Heptachlor	0.12	mg/kg	0.12	mg/kg	Route	4.2E-010	mg/kg-day	4.6E+000	(mg/kg-day)-1	1.9E-009
	Heptachlor epoxide	0.91	mg/kg	0.91	mg/kg	Route	1.4E-009	mg/kg-day	9.1E+000	(mg/kg-day)-1	1.3E-008
	Total PCBs	122	mg/kg	122	mg/kg	Route	4.9E-007	mg/kg-day	4.0E-001	(mg/kg-day)-1	1.9E-007
	Aluminum	12135	mg/kg	12135	mg/kg	Route	6.8E-008	mg/kg-day	NA	N/A	--
	Antimony	3.2	mg/kg	3.2	mg/kg	Route	1.8E-011	mg/kg-day	NA	N/A	--
	Arsenic	21	mg/kg	21	mg/kg	Route	1.2E-010	mg/kg-day	1.5E+001	(mg/kg-day)-1	1.8E-009
	Barium	292	mg/kg	292	mg/kg	Route	1.6E-009	mg/kg-day	N/A	N/A	--

302112

TABLE 8.19.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area A without Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Cadmium	7.6	mg/kg	7.6	mg/kg	Route	4.2E-011	mg/kg-day	6.3E+000	(mg/kg-day)-1	2.7E-010
	Chromium	25	mg/kg	25	mg/kg	Route	1.4E-010	mg/kg-day	NA	N/A	--
	Copper	308	mg/kg	308	mg/kg	Route	1.7E-009	mg/kg-day	NA	N/A	--
	Iron	25928	mg/kg	25928	mg/kg	Route	1.4E-007	mg/kg-day	NA	N/A	---
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	799	mg/kg	799	mg/kg	Route	4.4E-009	mg/kg-day	NA	N/A	--
	Mercury	0.21	mg/kg	0.21	mg/kg	Route	6.3E-007	mg/kg-day	NA	N/A	--
	Nickel	42	mg/kg	42	mg/kg	Route	2.3E-010	mg/kg-day	NA	N/A	--
	Thallium	2.8	mg/kg	2.8	mg/kg	Route	1.6E-011	mg/kg-day	NA	N/A	--
	Vanadium	28	mg/kg	28	mg/kg	Route	1.6E-010	mg/kg-day	NA	N/A	--
	Cyanide	0.2	mg/kg	0.2	mg/kg	Route	1.1E-012	mg/kg-day	NA	N/A	--
										Total Risk Across All Exposure Routes/Pathways	1.8E-005

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.

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TABLE 8.20.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Ingestion	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	3.2E-009	mg/kg-day	6.0E-001	(mg/kg-day) -1	1.9E-009
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	1.9E-008	mg/kg-day	NA	N/A	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	1.0E-008	mg/kg-day	5.5E-002	(mg/kg-day) -1	5.5E-010
	cis-1,2-Dichloroethene	7.1	mg/kg	7.1	mg/kg	Route	2.8E-007	mg/kg-day	NA	N/A	--
	Tetrachloroethylene	0.91	mg/kg	0.91	mg/kg	Route	3.6E-008	mg/kg-day	5.2E-002	N/A	1.9E-009
	Trichloroethene	8.4	mg/kg	8.4	mg/kg	Route	3.3E-007	mg/kg-day	4.0E-001	(mg/kg-day) -1	1.3E-007
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	1.7E-008	mg/kg-day	7.2E-001	(mg/kg-day) -1	1.2E-008
	2-Methylnaphthalene	47.6	mg/kg	47.6	mg/kg	Route	1.9E-006	mg/kg-day	NA	N/A	--
	Acenaphthene	276	mg/kg	276	mg/kg	Route	1.1E-005	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	111	mg/kg	111	mg/kg	Route	4.4E-006	mg/kg-day	7.3E-001	(mg/kg-day) -1	3.2E-006
	Benzo(a)pyrene	84	mg/kg	84	mg/kg	Route	3.3E-006	mg/kg-day	7.3E+000	(mg/kg/day)-1	2.4E-005
	Benzo(b)fluoranthene	28	mg/kg	28	mg/kg	Route	1.1E-006	mg/kg-day	7.3E-001	(mg/kg-day) -1	8.1E-007
	Benzo(k)fluoranthene	63	mg/kg	63	mg/kg	Route	2.5E-006	mg/kg-day	7.3E-002	(mg/kg-day) -1	1.8E-007
	Carbazole	10	mg/kg	10	mg/kg	Route	4.0E-007	mg/kg-day	2.0E-002	(mg/kg-day) -1	8.0E-009
	Chrysene	105	mg/kg	105	mg/kg	Route	4.2E-006	mg/kg-day	7.3E-003	(mg/kg-day) -1	3.1E-008
	Dibenzofuran	168	mg/kg	168	mg/kg	Route	6.7E-006	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	14	mg/kg	14	mg/kg	Route	5.6E-007	mg/kg-day	7.3E+000	(mg/kg-day) -1	4.1E-006
	Fluoranthene	3.6	mg/kg	3.6	mg/kg	Route	1.4E-007	mg/kg-day	NA	N/A	--
	Fluorene	197	mg/kg	197	mg/kg	Route	7.9E-006	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	35	mg/kg	35	mg/kg	Route	1.4E-006	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.0E-006
	Naphthalene	17	mg/kg	17	mg/kg	Route	6.8E-007	mg/kg-day	NA	N/A	--
	Phenanthrene	700	mg/kg	700	mg/kg	Route	2.8E-005	mg/kg-day	NA	N/A	--
	Pyrene	40	mg/kg	40	mg/kg	Route	1.6E-006	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	3.2E-010	mg/kg-day	1.5E+005	(mg/kg/day)-1	4.8E-005
	4,4'-DDE	1038	mg/kg	1038	mg/kg	Route	4.1E-005	mg/kg-day	3.4E-001	(mg/kg/day)-1	1.4E-005
	4,4'-DDT	2483	mg/kg	2483	mg/kg	Route	9.9E-005	mg/kg-day	3.4E-001	(mg/kg/day)-1	3.4E-005
	Acetophenone	0.76	mg/kg	0.76	mg/kg	Route	3.0E-008	mg/kg-day	NA	N/A	--
	Aldrin	120	mg/kg	120	mg/kg	Route	4.8E-006	mg/kg-day	1.7E+001	(mg/kg/day)-1	8.1E-005
	alpha-BHC	3	mg/kg	3	mg/kg	Route	1.2E-007	mg/kg-day	6.3E+000	(mg/kg/day)-1	7.5E-007
	alpha-chlordane	2.1	mg/kg	2.1	mg/kg	Route	8.4E-008	mg/kg-day	3.5E-001	(mg/kg/day)-1	2.9E-008
	Aroclor 1242	807	mg/kg	807	mg/kg	Route	3.2E-005	mg/kg-day	NA	N/A	--
	Aroclor 1248	3103	mg/kg	3103	mg/kg	Route	1.2E-004	mg/kg-day	NA	N/A	--
	Aroclor 1254	14206	mg/kg	14206	mg/kg	Route	5.7E-004	mg/kg-day	NA	N/A	--

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TABLE 8.20.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Dieldrin	1254	mg/kg	1254	mg/kg	Route	5.0E-005	mg/kg-day	1.6E+001	(mg/kg/day)-1	8.0E-004
	Endosulfan sulfate	20	mg/kg	20	mg/kg	Route	8.0E-007	mg/kg-day	NA	N/A	--
	Endrin	14	mg/kg	14	mg/kg	Route	5.6E-007	mg/kg-day	NA	N/A	--
	Endrin aldehyde	183	mg/kg	183	mg/kg	Route	7.3E-006	mg/kg-day	NA	N/A	--
	gamma-Chlordane	1222	mg/kg	1222	mg/kg	Route	4.9E-005	mg/kg-day	3.5E-001	(mg/kg/day)-1	1.7E-005
	Heptachlor	7.3	mg/kg	7.3	mg/kg	Route	2.9E-007	mg/kg-day	4.5E+000	(mg/kg/day)-1	1.3E-006
	Heptachlor epoxide	143	mg/kg	143	mg/kg	Route	5.7E-006	mg/kg-day	9.1E+000	(mg/kg/day)-1	5.2E-005
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	1.5E-007	mg/kg-day	1.5E+005	(mg/kg/day)-1	2.2E-002
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	1.3E-003	mg/kg-day	2.0E+000	(mg/kg/day)-1	2.5E-003
	Total PCBs	15783	mg/kg	15783	mg/kg	Route	6.3E-004	mg/kg-day	2.0E+000	(mg/kg/day)-1	1.3E-003
	Aluminum	33832	mg/kg	33832	mg/kg	Route	1.3E-003	mg/kg-day	NA	N/A	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	2.3E-007	mg/kg-day	NA	N/A	--
	Arsenic	46.3	mg/kg	46.3	mg/kg	Route	1.8E-006	mg/kg-day	1.5E+000	(mg/kg/day)-1	2.8E-006
	Barium	869	mg/kg	869	mg/kg	Route	3.5E-005	mg/kg-day	NA	N/A	--
	Cadmium	32	mg/kg	32	mg/kg	Route	1.3E-006	mg/kg-day	NA	N/A	--
	Chromium	75	mg/kg	75	mg/kg	Route	3.0E-006	mg/kg-day	NA	N/A	--
	Copper	7108	mg/kg	7108	mg/kg	Route	2.8E-004	mg/kg-day	NA	N/A	--
	Iron	46753	mg/kg	46753	mg/kg	Route	1.9E-003	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	763	mg/kg	763	mg/kg	Route	3.0E-005	mg/kg-day	NA	N/A	--
	Mercury	1.1	mg/kg	1.1	mg/kg	Route	4.4E-008	mg/kg-day	NA	N/A	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	3.9E-007	mg/kg-day	NA	N/A	--
	Thallium	1	mg/kg	1	mg/kg	Route	4.0E-008	mg/kg-day	NA	N/A	--
	Vanadium	84	mg/kg	84	mg/kg	Route	3.3E-006	mg/kg-day	NA	N/A	--
	Zinc	1903	mg/kg	1903	mg/kg	Route	7.6E-005	mg/kg-day	NA	N/A	--
	Cyanide	1.1	mg/kg	1.1	mg/kg	Route	4.4E-008	mg/kg-day	NA	N/A	--
Dermal Absorption	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	N/A	N/A	N/A	N/A	--
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	N/A	N/A	N/A	N/A	--
	cis-1,2-Dichloroethene	7.1	mg/kg	7.1	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Tetrachloroethylene	0.91	mg/kg	0.91	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Trichloroethene	8.4	mg/kg	8.4	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	N/A	N/A	N/A	N/A	--

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TABLE 8.20.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	2-Methylnaphthalene	47.6	mg/kg	47.6	mg/kg	Route	7.4E-007	mg/kg-day	N/A	N/A	--
	Acenaphthene	276	mg/kg	276	mg/kg	Route	4.3E-006	mg/kg-day	N/A	N/A	--
	Benzo(a)anthracene	111	mg/kg	111	mg/kg	Route	1.7E-006	mg/kg-day	7.3E-001	(mg/kg-day) -1	1.3E-006
	Benzo(a)pyrene	84	mg/kg	84	mg/kg	Route	1.3E-006	mg/kg-day	7.3E+000	(mg/kg/day)-1	9.5E-006
	Benzo(b)fluoranthene	28	mg/kg	28	mg/kg	Route	4.4E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	3.2E-007
	Benzo(k)fluoranthene	63	mg/kg	63	mg/kg	Route	9.8E-007	mg/kg-day	7.3E-002	(mg/kg-day) -1	7.1E-008
	Carbazole	10	mg/kg	10	mg/kg	Route	1.2E-007	mg/kg-day	2.0E-002	(mg/kg-day) -1	2.4E-009
	Chrysene	105	mg/kg	105	mg/kg	Route	1.6E-006	mg/kg-day	7.3E-003	(mg/kg-day) -1	1.2E-008
	Dibenzofuran	168	mg/kg	168	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Dibenz(a,h)anthracene	14	mg/kg	14	mg/kg	Route	2.2E-007	mg/kg-day	7.3E+000	(mg/kg-day) -1	1.6E-006
	Fluoranthene	3.6	mg/kg	3.6	mg/kg	Route	5.6E-008	mg/kg-day	N/A	N/A	--
	Fluorene	197	mg/kg	197	mg/kg	Route	3.1E-006	mg/kg-day	N/A	N/A	--
	Indeno(1,2,3-cd)pyrene	35	mg/kg	35	mg/kg	Route	5.4E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	4.0E-007
	Naphthalene	17	mg/kg	17	mg/kg	Route	2.6E-007	mg/kg-day	N/A	N/A	--
	Phenanthrene	700	mg/kg	700	mg/kg	Route	1.1E-005	mg/kg-day	N/A	N/A	--
	Pyrene	40	mg/kg	40	mg/kg	Route	6.2E-007	mg/kg-day	N/A	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	2.9E-011	mg/kg-day	1.5E+005	(mg/kg/day)-1	4.3E-006
	4,4'-DDE	1038	mg/kg	1038	mg/kg	Route	N/A	N/A	N/A	N/A	--
	4,4'-DDT	2483	mg/kg	2483	mg/kg	Route	8.9E-006	mg/kg-day	3.4E-001	(mg/kg/day)-1	3.0E-006
	Acetophenone	0.76	mg/kg	0.76	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aldrin	120	mg/kg	120	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-BHC	3	mg/kg	3	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-chlordane	2.1	mg/kg	2.1	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aroclor 1242	807	mg/kg	807	mg/kg	Route	1.4E-005	mg/kg-day	N/A	N/A	--
	Aroclor 1248	3103	mg/kg	3103	mg/kg	Route	5.2E-005	mg/kg-day	N/A	N/A	--
	Aroclor 1254	14206	mg/kg	14206	mg/kg	Route	2.4E-004	mg/kg-day	N/A	N/A	--
	Dieldrin	1254	mg/kg	1254	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endosulfan sulfate	20	mg/kg	20	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin	14	mg/kg	14	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin aldehyde	183	mg/kg	183	mg/kg	Route	N/A	N/A	N/A	N/A	--
	gamma-Chlordane	1222	mg/kg	1222	mg/kg	Route	5.8E-006	mg/kg-day	3.5E-001	(mg/kg/day)-1	2.0E-006
	Heptachlor	7.3	mg/kg	7.3	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor epoxide	143	mg/kg	143	mg/kg	Route	N/A	N/A	N/A	N/A	--

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TABLE 8.20.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	1.4E-008	mg/kg-day	1.5E+005	(mg/kg/day)-1	2.0E-003
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	5.3E-004	mg/kg-day	2.0E+000	(mg/kg/day)-1	1.1E-003
	Total PCBs	15783	mg/kg	15783	mg/kg	Route	2.6E-004	mg/kg-day	2.0E+000	(mg/kg/day)-1	5.3E-004
	Aluminum	33832	mg/kg	33832	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Arsenic	46.3	mg/kg	46.3	mg/kg	Route	1.7E-007	mg/kg-day	1.5E+000	(mg/kg/day)-1	2.5E-007
	Barium	869	mg/kg	869	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cadmium	32	mg/kg	32	mg/kg	Route	3.8E-009	mg/kg-day	N/A	N/A	--
	Chromium	75	mg/kg	75	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Copper	7108	mg/kg	7108	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Iron	46753	mg/kg	46753	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Manganese	763	mg/kg	763	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Mercury	1.1	mg/kg	1.1	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Thallium	1	mg/kg	1	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vanadium	84	mg/kg	84	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Zinc	1903	mg/kg	1903	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cyanide	1.1	mg/kg	1.1	mg/kg	Route	N/A	N/A	N/A	N/A	--
Inhalation	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	5.7E-007	mg/kg-day	1.8E-001	(mg/kg-day)-1	1.0E-007
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	2.7E-012	mg/kg-day	NA	N/A	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	8.4E-007	mg/kg-day	2.7E-002	(mg/kg-day)-1	2.3E-008
	cis-1,2-Dichloroethene	7.1	mg/kg	7.1	mg/kg	Route	2.4E-005	mg/kg-day	NA	N/A	--
	Tetrachloroethylene	0.91	mg/kg	0.91	mg/kg	Route	3.1E-006	mg/kg-day	1.1E-002	(mg/kg-day)-1	3.3E-008
	Trichloroethene	8.4	mg/kg	8.4	mg/kg	Route	2.2E-005	mg/kg-day	4.0E-001	(mg/kg-day)-1	8.7E-006
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	5.5E-006	mg/kg-day	1.5E-002	(mg/kg-day)-1	8.4E-008
	2-Methylnaphthalene	47.6	mg/kg	47.6	mg/kg	Route	6.7E-006	mg/kg-day	NA	N/A	--
	Acenaphthene	276	mg/kg	276	mg/kg	Route	1.0E-005	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	111	mg/kg	111	mg/kg	Route	9.6E-008	mg/kg-day	3.1E-001	(mg/kg-day)-1	3.0E-008
	Benzo(a)pyrene	84	mg/kg	84	mg/kg	Route	3.0E-008	mg/kg-day	3.1E+000	(mg/kg-day)-1	9.2E-008
	Benzo(b)fluoranthene	28	mg/kg	28	mg/kg	Route	4.8E-008	mg/kg-day	3.1E-001	(mg/kg-day)-1	1.5E-008
	Benzo(k)fluoranthene	63	mg/kg	63	mg/kg	Route	1.4E-008	mg/kg-day	3.1E-002	(mg/kg-day)-1	4.4E-010
	Carbazole	10	mg/kg	10	mg/kg	Route	3.6E-008	mg/kg-day	NA	N/A	--

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TABLE 8.20.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Chrysene	105	mg/kg	105	mg/kg	Route	3.0E-007	mg/kg-day	3.1E-003	(mg/kg-day)-1	9.4E-010
	Dibenzofuran	168	mg/kg	168	mg/kg	Route	9.4E-010	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	14	mg/kg	14	mg/kg	Route	1.4E-009	mg/kg-day	3.1E+000	(mg/kg-day)-1	4.2E-009
	Fluoranthene	3.6	mg/kg	3.6	mg/kg	Route	9.4E-009	mg/kg-day	NA	N/A	--
	Fluorene	197	mg/kg	197	mg/kg	Route	3.0E-006	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	35	mg/kg	35	mg/kg	Route	5.4E-009	mg/kg-day	3.1E-001	(mg/kg-day)-1	1.7E-009
	Naphthalene	17	mg/kg	17	mg/kg	Route	2.4E-006	mg/kg-day	NA	N/A	--
	Phenanthrene	700	mg/kg	700	mg/kg	Route	1.5E-006	mg/kg-day	NA	N/A	--
	Pyrene	40	mg/kg	40	mg/kg	Route	8.4E-008	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	4.5E-014	mg/kg-day	1.5E+005	(mg/kg-day)-1	6.7E-009
	4,4'-DDE	1038	mg/kg	1038	mg/kg	Route	3.4E-007	mg/kg-day	NA	N/A	--
	4,4'-DDT	2483	mg/kg	2483	mg/kg	Route	6.7E-007	mg/kg-day	3.4E-001	(mg/kg-day)-1	2.3E-007
	Acetophenone	0.76	mg/kg	0.76	mg/kg	Route	4.2E-012	mg/kg-day	NA	N/A	--
	Aldrin	120	mg/kg	120	mg/kg	Route	1.4E-007	mg/kg-day	1.7E+001	(mg/kg-day)-1	2.4E-006
	alpha-BHC	3	mg/kg	3	mg/kg	Route	4.3E-008	mg/kg-day	6.3E+000	(mg/kg-day)-1	2.7E-007
	alpha-chlordane	2.1	mg/kg	2.1	mg/kg	Route	7.3E-009	mg/kg-day	3.5E-001	(mg/kg-day)-1	2.6E-009
	Aroclor 1242	807	mg/kg	807	mg/kg	Route	3.2E-006	mg/kg-day	NA	N/A	--
	Aroclor 1248	3103	mg/kg	3103	mg/kg	Route	1.2E-005	mg/kg-day	NA	N/A	--
	Aroclor 1254	14206	mg/kg	14206	mg/kg	Route	5.7E-005	mg/kg-day	NA	N/A	--
	Dieldrin	1254	mg/kg	1254	mg/kg	Route	4.7E-006	mg/kg-day	1.6E+001	(mg/kg-day)-1	7.5E-005
	Endosulfan sulfate	20	mg/kg	20	mg/kg	Route	1.1E-010	mg/kg-day	NA	N/A	--
	Endrin	14	mg/kg	14	mg/kg	Route	5.1E-008	mg/kg-day	NA	N/A	--
	Endrin aldehyde	183	mg/kg	183	mg/kg	Route	6.6E-007	mg/kg-day	NA	N/A	--
	gamma-Chlordane	1222	mg/kg	1222	mg/kg	Route	6.8E-009	mg/kg-day	3.5E-001	(mg/kg-day)-1	2.4E-009
	Heptachlor	7.3	mg/kg	7.3	mg/kg	Route	2.6E-008	mg/kg-day	4.6E+000	(mg/kg-day)-1	1.2E-007
	Heptachlor epoxide	143	mg/kg	143	mg/kg	Route	2.2E-007	mg/kg-day	9.1E+000	(mg/kg-day)-1	2.0E-006
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	2.1E-011	mg/kg-day	1.5E+005	(mg/kg-day)-1	3.2E-006
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	1.3E-004	mg/kg-day	4.0E-001	(mg/kg-day)-1	5.0E-005
	Total PCBs	15783	mg/kg	15783	mg/kg	Route	6.3E-005	mg/kg-day	4.0E-001	(mg/kg-day)-1	2.5E-005
	Aluminum	33832	mg/kg	33832	mg/kg	Route	1.9E-007	mg/kg-day	NA	N/A	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	3.2E-011	mg/kg-day	NA	N/A	--
	Arsenic	46.3	mg/kg	46.3	mg/kg	Route	2.6E-010	mg/kg-day	1.5E+001	(mg/kg-day)-1	3.9E-009
	Barium	869	mg/kg	869	mg/kg	Route	4.8E-009	mg/kg-day	N/A	N/A	--

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TABLE 8.20.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B with Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Cadmium	32	mg/kg	32	mg/kg	Route	1.8E-010	mg/kg-day	6.3E+000	(mg/kg-day)-1	1.1E-009
	Chromium	75	mg/kg	75	mg/kg	Route	4.2E-010	mg/kg-day	NA	N/A	--
	Copper	7108	mg/kg	7108	mg/kg	Route	4.0E-008	mg/kg-day	NA	N/A	--
	Iron	46753	mg/kg	46753	mg/kg	Route	2.6E-007	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	763	mg/kg	763	mg/kg	Route	4.2E-009	mg/kg-day	NA	N/A	--
	Mercury	1.1	mg/kg	1.1	mg/kg	Route	3.3E-006	mg/kg-day	NA	N/A	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	5.5E-011	mg/kg-day	NA	N/A	--
	Thallium	1	mg/kg	1	mg/kg	Route	5.6E-012	mg/kg-day	NA	N/A	--
	Vanadium	84	mg/kg	84	mg/kg	Route	4.7E-010	mg/kg-day	NA	N/A	--
	Zinc	1903	mg/kg	1903	mg/kg	Route	1.1E-008	mg/kg-day	NA	N/A	--
	Cyanide	1.1	mg/kg	1.1	mg/kg	Route	6.1E-012	mg/kg-day	NA	N/A	--

Total Risk Across All Exposure Routes/Pathways (2) 3.0E-003

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 2.8E-002

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.
(2) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total.
Instead, these are shown as a separate line below the table.

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TABLE 8.21.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
Ingestion	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	3.2E-009	mg/kg-day	6.0E-001	(mg/kg-day) -1	1.9E-009
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	1.9E-008	mg/kg-day	NA	N/A	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	1.0E-008	mg/kg-day	5.5E-002	(mg/kg-day) -1	5.5E-010
	cis-1,2-Dichloroethene	2.4	mg/kg	2.4	mg/kg	Route	9.6E-008	mg/kg-day	NA	N/A	--
	Tetrachloroethylene	0.49	mg/kg	0.49	mg/kg	Route	2.0E-008	mg/kg-day	5.2E-002	N/A	1.0E-009
	Trichloroethene	2	mg/kg	2	mg/kg	Route	8.0E-008	mg/kg-day	4.0E-001	(mg/kg-day) -1	3.2E-008
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	1.7E-008	mg/kg-day	7.2E-001	(mg/kg-day) -1	1.2E-008
	2-Methylnaphthalene	2.7	mg/kg	2.7	mg/kg	Route	1.1E-007	mg/kg-day	NA	N/A	--
	Acenaphthene	1.1	mg/kg	1.1	mg/kg	Route	4.4E-008	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	2.2	mg/kg	2.2	mg/kg	Route	8.8E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	6.4E-008
	Benzo(a)pyrene	2.1	mg/kg	2.1	mg/kg	Route	8.4E-008	mg/kg-day	7.3E+000	(mg/kg/day)-1	6.1E-007
	Benzo(b)fluoranthene	3.4	mg/kg	3.4	mg/kg	Route	1.4E-007	mg/kg-day	7.3E-001	(mg/kg-day) -1	9.9E-008
	Benzo(k)fluoranthene	2.4	mg/kg	2.4	mg/kg	Route	9.6E-008	mg/kg-day	7.3E-002	(mg/kg-day) -1	7.0E-009
	Carbazole	1.2	mg/kg	1.2	mg/kg	Route	4.8E-008	mg/kg-day	2.0E-002	(mg/kg-day) -1	9.6E-010
	Chrysene	3.2	mg/kg	3.2	mg/kg	Route	1.3E-007	mg/kg-day	7.3E-003	(mg/kg-day) -1	9.3E-010
	Dibenzofuran	4.7	mg/kg	4.7	mg/kg	Route	1.9E-007	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	1.8	mg/kg	1.8	mg/kg	Route	7.2E-008	mg/kg-day	7.3E+000	(mg/kg-day) -1	5.2E-007
	Fluoranthene	419	mg/kg	419	mg/kg	Route	1.7E-005	mg/kg-day	NA	N/A	--
	Fluorene	7.1	mg/kg	7.1	mg/kg	Route	2.8E-007	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	1.9	mg/kg	1.9	mg/kg	Route	7.6E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	5.5E-008
	Naphthalene	3.2	mg/kg	3.2	mg/kg	Route	1.3E-007	mg/kg-day	NA	N/A	--
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	8.4E-008	mg/kg-day	NA	N/A	--
	Pyrene	2.9	mg/kg	2.9	mg/kg	Route	1.2E-007	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	3.2E-010	mg/kg-day	1.5E+005	(mg/kg/day)-1	4.8E-005
	4,4'-DDE	20.8	mg/kg	20.8	mg/kg	Route	8.3E-007	mg/kg-day	3.4E-001	(mg/kg/day)-1	2.8E-007
	4,4'-DDT	0.97	mg/kg	0.97	mg/kg	Route	3.9E-008	mg/kg-day	3.4E-001	(mg/kg/day)-1	1.3E-008
	Acetophenone	0.76	mg/kg	0.76	mg/kg	Route	3.0E-008	mg/kg-day	NA	N/A	--
	Aldrin	17	mg/kg	17	mg/kg	Route	6.8E-007	mg/kg-day	1.7E+001	(mg/kg/day)-1	1.2E-005
	alpha-BHC	0.91	mg/kg	0.91	mg/kg	Route	3.6E-008	mg/kg-day	6.3E+000	(mg/kg/day)-1	2.3E-007
	alpha-chlordane	0.69	mg/kg	0.69	mg/kg	Route	2.7E-008	mg/kg-day	3.5E-001	(mg/kg/day)-1	9.6E-009
	Aroclor 1242	29	mg/kg	29	mg/kg	Route	1.2E-006	mg/kg-day	NA	N/A	--
	Aroclor 1248	454	mg/kg	454	mg/kg	Route	1.8E-005	mg/kg-day	NA	N/A	--
	Aroclor 1254	1755	mg/kg	1755	mg/kg	Route	7.0E-005	mg/kg-day	NA	N/A	--
	Dieldrin	31	mg/kg	31	mg/kg	Route	1.2E-006	mg/kg-day	1.6E+001	(mg/kg/day)-1	2.0E-005
	Endosulfan sulfate	2.5	mg/kg	2.5	mg/kg	Route	1.0E-007	mg/kg-day	NA	N/A	--
	Endrin	1.9	mg/kg	1.9	mg/kg	Route	7.6E-008	mg/kg-day	NA	N/A	--
	Endrin aldehyde	4	mg/kg	4	mg/kg	Route	1.6E-007	mg/kg-day	NA	N/A	--

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TABLE 8.21.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	1.3E-008	mg/kg-day	3.5E-001	(mg/kg/day)-1	4.5E-009
	Heptachlor	0.54	mg/kg	0.54	mg/kg	Route	2.2E-008	mg/kg-day	4.5E+000	(mg/kg/day)-1	9.7E-008
	Heptachlor epoxide	4.1	mg/kg	4.1	mg/kg	Route	1.6E-007	mg/kg-day	9.1E+000	(mg/kg/day)-1	1.5E-006
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	1.5E-007	mg/kg-day	1.5E+005	(mg/kg/day)-1	2.2E-002
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	1.3E-003	mg/kg-day	2.0E+000	(mg/kg/day)-1	2.5E-003
	Total PCBs	2246	mg/kg	2246	mg/kg	Route	9.0E-005	mg/kg-day	2.0E+000	(mg/kg/day)-1	1.8E-004
	Aluminum	17468	mg/kg	17468	mg/kg	Route	7.0E-004	mg/kg-day	NA	N/A	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	2.3E-007	mg/kg-day	NA	N/A	--
	Arsenic	25.1	mg/kg	25.1	mg/kg	Route	1.0E-006	mg/kg-day	1.5E+000	(mg/kg/day)-1	1.5E-006
	Barium	869	mg/kg	869	mg/kg	Route	3.5E-005	mg/kg-day	NA	N/A	--
	Cadmium	32	mg/kg	32	mg/kg	Route	1.3E-006	mg/kg-day	NA	N/A	--
	Chromium	32	mg/kg	32	mg/kg	Route	1.3E-006	mg/kg-day	NA	N/A	--
	Copper	230	mg/kg	230	mg/kg	Route	9.2E-006	mg/kg-day	NA	N/A	--
	Cyanide	0.39	mg/kg	0.39	mg/kg	Route	1.6E-008	mg/kg-day	NA	N/A	--
	Iron	26753	mg/kg	26753	mg/kg	Route	1.1E-003	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	463	mg/kg	463	mg/kg	Route	1.8E-005	mg/kg-day	NA	N/A	--
	Mercury	0.44	mg/kg	0.44	mg/kg	Route	1.8E-008	mg/kg-day	NA	N/A	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	3.9E-007	mg/kg-day	NA	N/A	--
	Thallium	0.87	mg/kg	0.87	mg/kg	Route	3.5E-008	mg/kg-day	NA	N/A	--
	Vanadium	43	mg/kg	43	mg/kg	Route	1.7E-006	mg/kg-day	NA	N/A	--
	Zinc	601	mg/kg	601	mg/kg	Route	2.4E-005	mg/kg-day	NA	N/A	--
Dermal Absorption	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	N/A	N/A	N/A	N/A	--
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	N/A	N/A	N/A	N/A	--
	cis-1,2-Dichloroethene	2.4	mg/kg	2.4	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Tetrachloroethylene	0.49	mg/kg	0.49	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Trichloroethene	2	mg/kg	2	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	N/A	N/A	N/A	N/A	--
	2-Methylnaphthalene	2.7	mg/kg	2.7	mg/kg	Route	4.2E-008	mg/kg-day	N/A	N/A	--
	Acenaphthene	1.1	mg/kg	1.1	mg/kg	Route	1.7E-008	mg/kg-day	N/A	N/A	--
	Benzo(a)anthracene	2.2	mg/kg	2.2	mg/kg	Route	3.4E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	2.5E-008
	Benzo(a)pyrene	2.1	mg/kg	2.1	mg/kg	Route	3.3E-008	mg/kg-day	7.3E+000	(mg/kg/day)-1	2.4E-007
	Benzo(b)fluoranthene	3.4	mg/kg	3.4	mg/kg	Route	5.3E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	3.9E-008
	Benzo(k)fluoranthene	2.4	mg/kg	2.4	mg/kg	Route	3.7E-008	mg/kg-day	7.3E-002	(mg/kg-day) -1	2.7E-009
	Carbazole	1.2	mg/kg	1.2	mg/kg	Route	1.4E-008	mg/kg-day	2.0E-002	(mg/kg-day) -1	2.9E-010
	Chrysene	3.2	mg/kg	3.2	mg/kg	Route	5.0E-008	mg/kg-day	7.3E-003	(mg/kg-day) -1	3.6E-010

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TABLE 8.21.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Dibenzofuran	4.7	mg/kg	4.7	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Dibenz(a,h)anthracene	1.8	mg/kg	1.8	mg/kg	Route	2.8E-008	mg/kg-day	7.3E+000	(mg/kg-day) -1	2.0E-007
	Fluoranthene	419	mg/kg	419	mg/kg	Route	6.5E-006	mg/kg-day	N/A	N/A	--
	Fluorene	7.1	mg/kg	7.1	mg/kg	Route	1.1E-007	mg/kg-day	N/A	N/A	--
	Indeno(1,2,3-cd)pyrene	1.9	mg/kg	1.9	mg/kg	Route	3.0E-008	mg/kg-day	7.3E-001	(mg/kg-day) -1	2.2E-008
	Naphthalene	3.2	mg/kg	3.2	mg/kg	Route	5.0E-008	mg/kg-day	N/A	N/A	--
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	3.3E-008	mg/kg-day	N/A	N/A	--
	Pyrene	2.9	mg/kg	2.9	mg/kg	Route	4.5E-008	mg/kg-day	N/A	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	2.9E-011	mg/kg-day	1.5E+005	(mg/kg/day)-1	4.3E-006
	4,4'-DDE	20.8	mg/kg	20.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	4,4'-DDT	0.97	mg/kg	0.97	mg/kg	Route	3.5E-009	mg/kg-day	3.4E-001	(mg/kg/day)-1	1.2E-009
	Acetophenone	0.76	mg/kg	0.76	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aldrin	17	mg/kg	17	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-BHC	0.91	mg/kg	0.91	mg/kg	Route	N/A	N/A	N/A	N/A	--
	alpha-chlordane	0.69	mg/kg	0.69	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Aroclor 1242	29	mg/kg	29	mg/kg	Route	4.9E-007	mg/kg-day	N/A	N/A	--
	Aroclor 1248	454	mg/kg	454	mg/kg	Route	7.6E-006	mg/kg-day	N/A	N/A	--
	Aroclor 1254	1755	mg/kg	1755	mg/kg	Route	2.9E-005	mg/kg-day	N/A	N/A	--
	Dieldrin	31	mg/kg	31	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endosulfan sulfate	2.5	mg/kg	2.5	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin	1.9	mg/kg	1.9	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Endrin aldehyde	4	mg/kg	4	mg/kg	Route	N/A	N/A	N/A	N/A	--
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	1.5E-009	mg/kg-day	3.5E-001	(mg/kg/day)-1	5.4E-010
	Heptachlor	0.54	mg/kg	0.54	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Heptachlor epoxide	4.1	mg/kg	4.1	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	1.4E-008	mg/kg-day	1.5E+005	(mg/kg/day)-1	2.0E-003
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	5.3E-004	mg/kg-day	2.0E+000	(mg/kg/day)-1	1.1E-003
	Total PCBs	2246	mg/kg	2246	mg/kg	Route	3.8E-005	mg/kg-day	2.0E+000	(mg/kg/day)-1	7.5E-005
	Aluminum	17468	mg/kg	17468	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Arsenic	25.1	mg/kg	25.1	mg/kg	Route	9.0E-008	mg/kg-day	1.5E+000	(mg/kg/day)-1	1.4E-007
	Barium	869	mg/kg	869	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cadmium	32	mg/kg	32	mg/kg	Route	3.8E-009	mg/kg-day	N/A	N/A	--
	Chromium	32	mg/kg	32	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Copper	230	mg/kg	230	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Cyanide	0.39	mg/kg	0.39	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Iron	26753	mg/kg	26753	mg/kg	Route	N/A	N/A	N/A	N/A	--

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TABLE 8.21.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Lead	0	mg/kg	0	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Manganese	463	mg/kg	463	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Mercury	0.44	mg/kg	0.44	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Thallium	0.87	mg/kg	0.87	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Vanadium	43	mg/kg	43	mg/kg	Route	N/A	N/A	N/A	N/A	--
	Zinc	601	mg/kg	601	mg/kg	Route	N/A	N/A	N/A	N/A	--
Inhalation	1,1-Dichloroethylene	0.08	mg/kg	0.08	mg/kg	Route	5.7E-007	mg/kg-day	1.8E-001	(mg/kg-day)-1	1.0E-007
	1,3-Dichlorobenzene	0.48	mg/kg	0.48	mg/kg	Route	2.7E-012	mg/kg-day	NA	N/A	--
	Benzene	0.25	mg/kg	0.25	mg/kg	Route	8.4E-007	mg/kg-day	2.7E-002	(mg/kg-day)-1	2.3E-008
	cis-1,2-Dichloroethene	2.4	mg/kg	2.4	mg/kg	Route	8.0E-006	mg/kg-day	NA	N/A	--
	Tetrachloroethylene	0.49	mg/kg	0.49	mg/kg	Route	1.7E-006	mg/kg-day	1.1E-002	(mg/kg-day)-1	1.8E-008
	Trichloroethene	2	mg/kg	2	mg/kg	Route	5.2E-006	mg/kg-day	4.0E-001	(mg/kg-day)-1	2.1E-006
	Vinyl chloride	0.42	mg/kg	0.42	mg/kg	Route	5.5E-006	mg/kg-day	1.5E-002	(mg/kg-day)-1	8.4E-008
	2-Methylnaphthalene	2.7	mg/kg	2.7	mg/kg	Route	3.8E-007	mg/kg-day	NA	N/A	--
	Acenaphthene	1.1	mg/kg	1.1	mg/kg	Route	4.0E-008	mg/kg-day	NA	N/A	--
	Benzo(a)anthracene	2.2	mg/kg	2.2	mg/kg	Route	1.9E-009	mg/kg-day	3.1E-001	(mg/kg-day)-1	5.9E-010
	Benzo(a)pyrene	2.1	mg/kg	2.1	mg/kg	Route	7.4E-010	mg/kg-day	3.1E+000	(mg/kg-day)-1	2.3E-009
	Benzo(b)fluoranthene	3.4	mg/kg	3.4	mg/kg	Route	5.8E-009	mg/kg-day	3.1E-001	(mg/kg-day)-1	1.8E-009
	Benzo(k)fluoranthene	2.4	mg/kg	2.4	mg/kg	Route	5.4E-010	mg/kg-day	3.1E-002	(mg/kg-day)-1	1.7E-011
	Carbazole	1.2	mg/kg	1.2	mg/kg	Route	4.3E-009	mg/kg-day	NA	N/A	--
	Chrysene	3.2	mg/kg	3.2	mg/kg	Route	9.3E-009	mg/kg-day	3.1E-003	(mg/kg-day)-1	2.9E-011
	Dibenzofuran	4.7	mg/kg	4.7	mg/kg	Route	2.6E-011	mg/kg-day	NA	N/A	--
	Dibenz(a,h)anthracene	1.8	mg/kg	1.8	mg/kg	Route	1.7E-010	mg/kg-day	3.1E+000	(mg/kg-day)-1	5.4E-010
	Fluoranthene	419	mg/kg	419	mg/kg	Route	1.1E-006	mg/kg-day	NA	N/A	--
	Fluorene	7.1	mg/kg	7.1	mg/kg	Route	1.1E-007	mg/kg-day	NA	N/A	--
	Indeno(1,2,3-cd)pyrene	1.9	mg/kg	1.9	mg/kg	Route	2.9E-010	mg/kg-day	3.1E-001	(mg/kg-day)-1	9.1E-011
	Naphthalene	3.2	mg/kg	3.2	mg/kg	Route	4.5E-007	mg/kg-day	NA	N/A	--
	Phenanthrene	2.1	mg/kg	2.1	mg/kg	Route	4.4E-009	mg/kg-day	NA	N/A	--
	Pyrene	2.9	mg/kg	2.9	mg/kg	Route	6.1E-009	mg/kg-day	NA	N/A	--
	2,3,7,8-TCDD	0.008	mg/kg	0.008	mg/kg	Route	4.5E-014	mg/kg-day	1.5E+005	(mg/kg-day)-1	6.7E-009
	4,4'-DDE	20.8	mg/kg	20.8	mg/kg	Route	6.8E-009	mg/kg-day	NA	N/A	--
	4,4'-DDT	0.97	mg/kg	0.97	mg/kg	Route	2.6E-010	mg/kg-day	3.4E-001	(mg/kg-day)-1	8.9E-011
	Acetophenone	0.76	mg/kg	0.76	mg/kg	Route	4.2E-012	mg/kg-day	NA	N/A	--
	Aldrin	17	mg/kg	17	mg/kg	Route	1.9E-008	mg/kg-day	1.7E+001	(mg/kg-day)-1	3.3E-007
	alpha-BHC	0.91	mg/kg	0.91	mg/kg	Route	1.3E-008	mg/kg-day	6.3E+000	(mg/kg-day)-1	8.3E-008
	alpha-chlordane	0.69	mg/kg	0.69	mg/kg	Route	2.4E-009	mg/kg-day	3.5E-001	(mg/kg-day)-1	8.4E-010

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TABLE 8.21.RME
CALCULATION OF CANCER RISKS
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Area B without Outliers
Receptor Population: Construction Worker
Receptor Age: Adult

Exposure Route	Chemical of Potential Concern	Medium EPC Value	Medium EPC Units	Route EPC Value	Route EPC Units	EPC Selected for Risk Calculation (1)	Intake (Cancer)	Intake (Cancer) Units	Cancer Slope Factor	Cancer Slope Factor Units	Cancer Risk
	Aroclor 1242	29	mg/kg	29	mg/kg	Route	1.2E-007	mg/kg-day	NA	N/A	--
	Aroclor 1248	454	mg/kg	454	mg/kg	Route	1.8E-006	mg/kg-day	NA	N/A	--
	Aroclor 1254	1755	mg/kg	1755	mg/kg	Route	7.0E-006	mg/kg-day	NA	N/A	--
	Dieldrin	31	mg/kg	31	mg/kg	Route	1.1E-007	mg/kg-day	1.6E+001	(mg/kg-day)-1	1.9E-006
	Endosulfan sulfate	2.5	mg/kg	2.5	mg/kg	Route	1.4E-011	mg/kg-day	NA	N/A	--
	Endrin	1.9	mg/kg	1.9	mg/kg	Route	6.9E-009	mg/kg-day	NA	N/A	--
	Endrin aldehyde	4	mg/kg	4	mg/kg	Route	1.4E-008	mg/kg-day	NA	N/A	--
	gamma-Chlordane	0.32	mg/kg	0.32	mg/kg	Route	1.8E-012	mg/kg-day	3.5E-001	(mg/kg-day)-1	6.2E-013
	Heptachlor	0.54	mg/kg	0.54	mg/kg	Route	1.9E-009	mg/kg-day	4.6E+000	(mg/kg-day)-1	8.6E-009
	Heptachlor epoxide	4.1	mg/kg	4.1	mg/kg	Route	6.4E-009	mg/kg-day	9.1E+000	(mg/kg-day)-1	5.8E-008
	Dioxin-like PCBs	3.8	mg/kg	3.8	mg/kg	Route	2.1E-011	mg/kg-day	1.5E+005	(mg/kg-day)-1	3.2E-006
	Nondioxin-like PCBs	31558	mg/kg	31558	mg/kg	Route	1.3E-004	mg/kg-day	4.0E-001	(mg/kg-day)-1	5.0E-005
	Total PCBs	2246	mg/kg	2246	mg/kg	Route	9.0E-006	mg/kg-day	4.0E-001	(mg/kg-day)-1	3.6E-006
	Aluminum	17468	mg/kg	17468	mg/kg	Route	9.7E-008	mg/kg-day	NA	N/A	--
	Antimony	5.7	mg/kg	5.7	mg/kg	Route	3.2E-011	mg/kg-day	NA	N/A	--
	Arsenic	25.1	mg/kg	25.1	mg/kg	Route	1.4E-010	mg/kg-day	1.5E+001	(mg/kg-day)-1	2.1E-009
	Barium	869	mg/kg	869	mg/kg	Route	4.8E-009	mg/kg-day	N/A	N/A	--
	Cadmium	32	mg/kg	32	mg/kg	Route	1.8E-010	mg/kg-day	6.3E+000	(mg/kg-day)-1	1.1E-009
	Chromium	32	mg/kg	32	mg/kg	Route	1.8E-010	mg/kg-day	NA	N/A	--
	Copper	230	mg/kg	230	mg/kg	Route	1.3E-009	mg/kg-day	NA	N/A	--
	Cyanide	0.39	mg/kg	0.39	mg/kg	Route	2.2E-012	mg/kg-day	NA	N/A	--
	Iron	26753	mg/kg	26753	mg/kg	Route	1.5E-007	mg/kg-day	NA	N/A	--
	Lead	0	mg/kg	0	mg/kg	Route	0.0E+000	mg/kg-day	NA	N/A	--
	Manganese	463	mg/kg	463	mg/kg	Route	2.6E-009	mg/kg-day	NA	N/A	--
	Mercury	0.44	mg/kg	0.44	mg/kg	Route	1.3E-006	mg/kg-day	NA	N/A	--
	Silver	9.8	mg/kg	9.8	mg/kg	Route	5.5E-011	mg/kg-day	NA	N/A	--
	Thallium	0.87	mg/kg	0.87	mg/kg	Route	4.8E-012	mg/kg-day	NA	N/A	--
	Vanadium	43	mg/kg	43	mg/kg	Route	2.4E-010	mg/kg-day	NA	N/A	--
	Zinc	601	mg/kg	601	mg/kg	Route	3.3E-009	mg/kg-day	NA	N/A	--

Total Risk Across All Exposure Routes/Pathways (2) 3.5E-004

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 2.8E-002

Notes:
(1) Specify Medium-Specific (M) or Route-Specific (R) EPC selected for risk calculation.
(2) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table.

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TABLE 9.1 RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Surface Soil	Surface Soil	Area A	Benzene	3.8E-012	1.3E-011	--	1.6E-011	Benzene	Blood	0.0000002	0.0000021	--	0.0000023
			Trichloroethene	4.7E-009	2.4E-008	--	2.9E-008	Trichloroethene	Liver	0.0003	0.000042	--	0.00034
			Benzo(a)anthracene	1.6E-007	1.2E-010	1.9E-007	3.5E-007	Benzo(a)anthracene	NA	--	--	--	--
			Benzo(a)pyrene	1.4E-006	4.4E-010	1.7E-006	3.2E-006	Benzo(a)pyrene	NA	--	--	--	--
			Benzo(b)fluoranthene	2.0E-007	3.0E-010	2.5E-007	4.5E-007	Benzo(b)fluoranthene	NA	--	--	--	--
			Dibenz(a,h)anthracene	2.5E-007	2.3E-011	3.1E-007	5.5E-007	Dibenz(a,h)anthracene	NA	--	--	--	--
			Indeno(1,2,3-cd)pyrene	4.9E-008	7.0E-012	6.1E-008	1.1E-007	Indeno(1,2,3-cd)pyrene	NA	--	--	--	--
			Aldrin	1.1E-005	2.5E-008	--	1.1E-005	Aldrin	Liver	0.16	--	--	0.16
			Aroclor 1242	--	--	--	--	Aroclor 1242	Fetus	0.0073	0.00017	0.0097	0.017
			Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	9.1	0.22	12	21
			Total PCBs	4.9E-005	2.3E-007	6.5E-005	1.1E-004	Total PCBs	NA	--	--	--	--
			Aluminum	--	--	--	--	Aluminum	CNS	0.0075	0.0002	--	0.0077
			Antimony	--	--	--	--	Antimony	Longevity	0.02	--	--	0.02
			Arsenic	9.5E-006	3.8E-009	2.7E-006	1.2E-005	Arsenic	Skin	0.16	--	0.047	0.21
			Barium	--	--	--	--	Barium	NOAEL	0.009	0.00017	--	0.0092
			Iron	--	--	--	--	Iron	Liver	0.058	--	--	0.058
			Lead	--	--	--	--	Lead	CNS	--	--	--	--
			Manganese	--	--	--	--	Manganese	CNS	0.013	0.00082	--	0.014
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.021	--	--	0.021
			(Total)	7.1E-005	2.9E-007	7.1E-005	1.4E-004	(Total)		9.6	0.22	12	22
			Total Risk Across All Media and All Exposure Routes				1.4E-004	Total Hazard Index Across All Media and All Exposure Routes					22

Total Blood HI =	0.021
Total Liver HI =	0.22
Total Fetus HI =	0.017
Total Eye/Immune HI =	21
Total CNS HI =	0.022
Total Longevity HI =	0.02
Total Skin HI =	0.21

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TABLE 9.1.CT
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Surface Soil	Surface Soil	Area A	Benzene	9.5E-013	2.6E-012	--	3.6E-012	Benzene	Blood	4.5E-008	0.0000004	--	0.00000049
			Trichloroethene	1.2E-009	5.1E-009	--	6.3E-009	Trichloroethene	Liver	0.000076	0.0000087	--	0.000085
			Benzo(a)anthracene	3.9E-008	2.4E-011	1.9E-008	5.8E-008	Benzo(a)anthracene	NA	--	--	--	--
			Benzo(a)pyrene	3.5E-007	9.2E-011	1.7E-007	5.3E-007	Benzo(a)pyrene	NA	--	--	--	--
			Benzo(b)fluoranthene	5.0E-008	6.2E-011	2.5E-008	7.5E-008	Benzo(b)fluoranthene	NA	--	--	--	--
			Dibenz(a,h)anthracene	6.2E-008	4.8E-012	3.1E-008	9.2E-008	Dibenz(a,h)anthracene	NA	--	--	--	--
			Indeno(1,2,3-cd)pyrene	1.2E-008	1.5E-012	6.1E-009	1.8E-008	Indeno(1,2,3-cd)pyrene	NA	--	--	--	--
			Aldrin	2.7E-006	5.3E-009	--	2.7E-006	Aldrin	Liver	0.041	--	--	0.041
			Aroclor 1242	--	--	--	--	Aroclor 1242	Fetus	0.0018	0.000036	0.00097	0.0028
			Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	2.3	0.046	1.2	3.5
			Total PCBs	1.2E-005	4.9E-008	6.5E-006	1.9E-005	Total PCBs	NA	--	--	--	--
			Aluminum	--	--	--	--	Aluminum	CNS	0.0019	0.000043	--	0.0019
			Antimony	--	--	--	--	Antimony	Longevity	0.005	--	--	0.005
			Arsenic	2.4E-006	7.8E-010	2.7E-007	2.7E-006	Arsenic	Skin	0.041	--	0.0047	0.046
			Barium	--	--	--	--	Barium	NOAEL	0.0022	0.000036	--	0.0022
			Iron	--	--	--	--	Iron	Liver	0.014	--	--	0.014
			Lead	--	--	--	--	Lead	CNS	--	--	--	--
			Manganese	--	--	--	--	Manganese	CNS	0.0032	0.00017	--	0.0034
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.0052	--	--	0.0052
			(Total)	1.8E-005	6.0E-008	7.1E-006	2.5E-005	(Total)		2.4	0.046	1.2	3.6
			Total Risk Across All Media and All Exposure Routes				2.5E-005	Total Hazard Index Across All Media and All Exposure Routes					3.6

Total Blood HI =	0.0052
Total Liver HI =	0.055
Total Fetus HI =	0.0028
Total Eye/Immune HI =	3.5
Total CNS HI =	0.0053
Total Longevity HI =	0.005
Total Skin HI =	0.046

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TABLE 9.2.RME

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

REASONABLE MAXIMUM EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Surface Soil	Surface Soil	Area B with Outliers	Benzene	3.4E-011	1.1E-010	--	1.5E-010	Benzene	Blood	0.0000016	0.000019	--	0.000021
			cis-1,2-Dichloroethene	--	--	--	--	cis-1,2-Dichloroethene	Blood	0.00053	--	--	0.00053
			Trichloroethene	1.5E-008	8.1E-008	--	9.6E-008	Trichloroethene	Liver	0.001	0.00014	--	0.0011
			2-Methylnaphthalene	--	--	--	--	2-Methylnaphthalene	Erythrocytes	0.0055	0.037	0.0069	0.049
			Acenaphthene	--	--	--	--	Acenaphthene	Liver	0.011	--	0.014	0.025
			Benzo(a)anthracene	2.1E-005	1.5E-008	2.6E-005	4.6E-005	Benzo(a)anthracene	NA	--	--	--	--
			Benzo(a)pyrene	1.2E-004	3.7E-008	1.5E-004	2.6E-004	Benzo(a)pyrene	NA	--	--	--	--
			Benzo(b)fluoranthene	3.4E-006	5.0E-009	4.2E-006	7.7E-006	Benzo(b)fluoranthene	NA	--	--	--	--
			Benzo(k)fluoranthene	1.0E-006	2.1E-010	1.3E-006	2.3E-006	Benzo(k)fluoranthene	NA	--	--	--	--
			Chrysene	1.9E-007	4.6E-010	2.3E-007	4.2E-007	Chrysene	NA	--	--	--	--
			Dibenzofuran	--	--	--	--	Dibenzofuran	NA	--	--	--	--
			Dibenz(a,h)anthracene	1.5E-005	1.4E-009	1.9E-005	3.4E-005	Dibenz(a,h)anthracene	NA	--	--	--	--
			Fluoranthene	--	--	--	--	Fluoranthene	Liver	0.024	--	0.03	0.054
			Fluorene	--	--	--	--	Fluorene	Blood	0.012	--	0.015	0.027
			Indeno(1,2,3-cd)pyrene	5.9E-006	8.4E-010	7.3E-006	1.3E-005	Indeno(1,2,3-cd)pyrene	NA	--	--	--	--
			Naphthalene	--	--	--	--	Naphthalene	Erythrocytes	0.0016	0.01	0.0019	0.014
			Phenanthrene	--	--	--	--	Phenanthrene	Kidney	0.056	--	0.069	0.13
			Pyrene	--	--	--	--	Pyrene	Kidney	0.021	--	0.026	0.047
			2,3,7,8-TCDD	8.3E-005	3.2E-009	2.4E-005	1.1E-004	2,3,7,8-TCDD	NA	--	--	--	--
			4,4'-DDE	1.3E-005	--	--	1.3E-005	4,4'-DDE	NA	--	--	--	--
			4,4'-DDT	4.7E-007	2.7E-010	1.3E-007	6.0E-007	4,4'-DDT	Liver	0.021	--	0.0061	0.027
			Acetophenone	--	--	--	--	Acetophenone	General	0.0000018	--	--	0.0000018
			alpha-BHC	1.0E-006	3.0E-008	--	1.1E-006	alpha-BHC	NA	--	--	--	--
			alpha-chlordane	5.6E-009	3.9E-011	--	5.6E-009	alpha-chlordane	Liver	0.00025	0.0000043	--	0.00025
			Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	230	5.6	310	550
			Aroclor 1260	--	--	--	--	Aroclor 1260	Eye/Immune	0.0059	0.00014	0.0079	0.014
			Dieldrin	1.0E-004	7.6E-007	--	1.0E-004	Dieldrin	Liver	0.98	--	--	0.98
			Endrin aldehyde	--	--	--	--	Endrin aldehyde	Liver	0.097	--	--	0.097
			gamma-Chlordane	2.4E-007	9.5E-012	9.2E-008	3.3E-007	gamma-Chlordane	Liver	0.011	0.0000011	0.0041	0.015
			Heptachlor	5.9E-007	4.2E-009	--	5.9E-007	Heptachlor	Liver	0.002	--	--	0.002
			Heptachlor epoxide	7.7E-005	2.4E-007	--	7.7E-005	Heptachlor epoxide	Liver	5.1	--	--	5.1
			Dioxin-like PCBs	3.9E-002	1.5E-006	1.1E-002	5.0E-002	Dioxin-like PCBs	NA	--	--	--	--

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TABLE 9.2.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
			Nondioxin-like PCBs	4.4E-003	2.1E-005	5.8E-003	1.0E-002	Nondioxin-like PCBs	NA	--	--	--	--
			Total PCBs	1.2E-003	6.0E-006	1.7E-003	2.9E-003	Total PCBs	NA	--	--	--	--
			Aluminum	--	--	--	--	Aluminum	CNS	0.015	0.00041	--	0.015
			Antimony	--	--	--	--	Antimony	Longevity	0.0097	--	--	0.0097
			Arsenic	3.3E-006	1.3E-009	9.5E-007	4.3E-006	Arsenic	Skin	0.057	--	0.016	0.073
			Barium	--	--	--	--	Barium	NOAEL	0.0042	0.00008	--	0.0043
			Cadmium	--	6.9E-010	--	6.9E-010	Cadmium	Kidney	0.022	0.000015	0.0082	0.03
			Chromium	--	--	--	--	Chromium	NA	0.011	--	--	0.011
			Cyanide	--	--	--	--	Cyanide	Body Weight	0.000054	--	--	0.000054
			Iron	--	--	--	--	Iron	Liver	0.074	--	--	0.074
			Lead	--	--	--	--	Lead	CNS	--	--	--	--
			Manganese	--	--	--	--	Manganese	CNS	0.017	0.0011	--	0.018
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.02	--	--	0.02
			Vanadium	--	--	--	--	Vanadium	NOAEL	0.0048	--	--	0.0048
			(Total) (1)	1.7E-003	7.2E-006	1.9E-003	3.6E-003	(Total)		240	5.6	310	560
			Total Risk Across All Media and All Exposure Routes (1)				3.6E-003	Total Hazard Index Across All Media and All Exposure Routes					560

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 6.0E-002

Total Blood HI =	0.048
Total Liver HI =	6.4
Total Erythrocytes HI =	0.063
Total Kidney HI =	0.21
Total Eye/Immune HI =	550
Total CNS HI =	0.033
Total Longevity HI =	0.0097
Total Skin HI =	0.073
Total Body Weight HI =	0.000054

Notes:

(1) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table. These are not evaluated for non-carcinogenic effects.

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TABLE 9.2.CT

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

CENTRAL TENDENCY EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Surface Soil	Surface Soil	Area B with Outliers	Benzene	8.5E-012	2.4E-011	--	3.2E-011	Benzene	Blood	0.0000004	0.0000039	--	0.0000043
			cis-1,2-Dichloroethene	--	--	--	--	cis-1,2-Dichloroethene	Blood	0.00013	--	--	0.00013
			Trichloroethene	3.9E-009	1.7E-008	--	2.1E-008	Trichloroethene	Liver	0.00025	0.000029	--	0.00028
			2-Methylnaphthalene	--	--	--	--	2-Methylnaphthalene	Erythrocytes	0.0014	0.0076	0.00069	0.0097
			Acenaphthene	--	--	--	--	Acenaphthene	Liver	0.0028	--	0.0014	0.0042
			Benzo(a)anthracene	5.2E-006	3.2E-009	2.6E-006	7.7E-006	Benzo(a)anthracene	NA	--	--	--	--
			Benzo(a)pyrene	2.9E-005	7.6E-009	1.5E-005	4.4E-005	Benzo(a)pyrene	NA	--	--	--	--
			Benzo(b)fluoranthene	8.6E-007	1.0E-009	4.2E-007	1.3E-006	Benzo(b)fluoranthene	NA	--	--	--	--
			Benzo(k)fluoranthene	2.5E-007	4.3E-011	1.3E-007	3.8E-007	Benzo(k)fluoranthene	NA	--	--	--	--
			Chrysene	4.7E-008	9.7E-011	2.3E-008	7.0E-008	Chrysene	NA	--	--	--	--
			Dibenzofuran	--	--	--	--	Dibenzofuran	NA	--	--	--	--
			Dibenz(a,h)anthracene	3.8E-006	3.0E-010	1.9E-006	5.7E-006	Dibenz(a,h)anthracene	NA	--	--	--	--
			Fluoranthene	--	--	--	--	Fluoranthene	Liver	0.006	--	0.003	0.009
			Fluorene	--	--	--	--	Fluorene	Blood	0.003	--	0.0015	0.0045
			Indeno(1,2,3-cd)pyrene	1.5E-006	1.8E-010	7.3E-007	2.2E-006	Indeno(1,2,3-cd)pyrene	NA	--	--	--	--
			Naphthalene	--	--	--	--	Naphthalene	Erythrocytes	0.00039	0.0021	0.00019	0.0027
			Phenanthrene	--	--	--	--	Phenanthrene	Kidney	0.014	--	0.0069	0.021
			Pyrene	--	--	--	--	Pyrene	Kidney	0.0052	--	0.0026	0.0078
			2,3,7,8-TCDD	2.1E-005	6.8E-010	2.4E-006	2.3E-005	2,3,7,8-TCDD	NA	--	--	--	--
			4,4'-DDE	3.2E-006	--	--	3.2E-006	4,4'-DDE	NA	--	--	--	--
			4,4'-DDT	1.2E-007	5.6E-011	1.3E-008	1.3E-007	4,4'-DDT	Liver	0.0054	--	0.00061	0.006
			Acetophenone	--	--	--	--	Acetophenone	General	0.0000005	--	--	0.00000046
			alpha-BHC	2.6E-007	6.3E-009	--	2.7E-007	alpha-BHC	NA	--	--	--	--
			alpha-chlordane	1.4E-009	8.2E-012	--	1.4E-009	alpha-chlordane	Liver	0.000062	0.0000009	--	0.000063
			Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	58	1.2	31	90
			Aroclor 1260	--	--	--	--	Aroclor 1260	Eye/Immune	0.0015	0.00003	0.00079	0.0023
			Dieldrin	2.5E-005	1.6E-007	--	2.5E-005	Dieldrin	Liver	0.24	--	--	0.24
			Endrin aldehyde	--	--	--	--	Endrin aldehyde	Liver	0.024	--	--	0.024
			gamma-Chlordane	6.0E-008	2.0E-012	9.2E-009	7.0E-008	gamma-Chlordane	Liver	0.0027	0.0000002	0.00041	0.0031
			Heptachlor	1.5E-007	8.8E-010	--	1.5E-007	Heptachlor	Liver	0.00051	--	--	0.00051
			Heptachlor epoxide	1.9E-005	5.1E-008	--	1.9E-005	Heptachlor epoxide	Liver	1.3	--	--	1.3
			Dioxin-like PCBs	9.8E-003	3.2E-007	1.1E-003	1.1E-002	Dioxin-like PCBs	NA	--	--	--	--

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TABLE 9.2.CT
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
			Nondioxin-like PCBs	1.1E-003	4.4E-006	5.8E-004	1.7E-003	Nondioxin-like PCBs	NA	--	--	--	--
			Total PCBs	3.1E-004	1.2E-006	1.7E-004	4.8E-004	Total PCBs	NA	--	--	--	--
			Aluminum	--	--	--	--	Aluminum	CNS	0.0038	0.000086	--	0.0039
			Antimony	--	--	--	--	Antimony	Longevity	0.0024	--	--	0.0024
			Arsenic	8.3E-007	2.7E-010	9.5E-008	9.2E-007	Arsenic	Skin	0.014	--	0.0016	0.016
			Barium	--	--	--	--	Barium	NOAEL	0.001	0.000017	--	0.001
			Cadmium	--	1.4E-010	--	1.4E-010	Cadmium	Kidney	0.0054	0.0000031	0.00082	0.0062
			Chromium	--	--	--	--	Chromium	NA	0.0027	--	--	0.0027
			Cyanide	--	--	--	--	Cyanide	Body Weight	0.000013	--	--	0.000013
			Iron	--	--	--	--	Iron	Liver	0.019	--	--	0.019
			Lead	--	--	--	--	Lead	CNS	--	--	--	--
			Manganese	--	--	--	--	Manganese	CNS	0.0043	0.00023	--	0.0045
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.005	--	--	0.005
			Vanadium	--	--	--	--	Vanadium	NOAEL	0.0012	--	--	0.0012
			(Total) (1)	4.2E-004	1.5E-006	1.9E-004	6.1E-004	(Total)		60	1.2	31	92
			Total Risk Across All Media and All Exposure Routes (1)				6.1E-004	Total Hazard Index Across All Media and All Exposure Routes					92

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 1.3E-002

Total Blood HI =	0.0096
Total Liver HI =	1.6
Total Erythrocytes HI =	0.012
Total Kidney HI =	0.035
Total Eye/Immune HI =	90
Total CNS HI =	0.0084
Total Longevity HI =	0.0024
Total Skin HI =	0.016
Total Body Weight HI =	0.000013

Notes

(1) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table. These are not evaluated for non-carcinogenic effects.

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TABLE 9.3.RME

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

REASONABLE MAXIMUM EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Surface Soil	Surface Soil	Area B without Outliers	Benzene	3.4E-011	1.1E-010	--	1.5E-010	Benzene	Blood	0.0000016	0.000019	--	0.000021
			cis-1,2-Dichloroethene	--	--	--	--	cis-1,2-Dichloroethene	Blood	0.0000038	--	--	0.0000038
			Trichloroethene	2.5E-009	1.3E-008	--	1.5E-008	Trichloroethene	Liver	0.00016	0.000022	--	0.00018
			2-Methylnaphthalene	--	--	--	--	2-Methylnaphthalene	Erythrocytes	0.000015	0.000098	0.000018	0.00013
			Acenaphthene	--	--	--	--	Acenaphthene	Liver	0.000002	--	0.0000024	0.0000044
			Benzo(a)anthracene	1.4E-007	1.0E-010	1.7E-007	3.0E-007	Benzo(a)anthracene	NA	--	--	--	--
			Benzo(a)pyrene	1.4E-006	4.4E-010	1.7E-006	3.2E-006	Benzo(a)pyrene	NA	--	--	--	--
			Benzo(b)fluoranthene	1.7E-007	2.4E-010	2.1E-007	3.7E-007	Benzo(b)fluoranthene	NA	--	--	--	--
			Benzo(k)fluoranthene	1.3E-008	2.7E-012	1.7E-008	3.0E-008	Benzo(k)fluoranthene	NA	--	--	--	--
			Chrysene	1.7E-009	4.2E-012	2.1E-009	3.8E-009	Chrysene	NA	--	--	--	--
			Dibenzofuran	--	--	--	--	Dibenzofuran	NA	--	--	--	--
			Dibenz(a,h)anthracene	3.1E-007	2.9E-011	3.8E-007	6.9E-007	Dibenz(a,h)anthracene	NA	--	--	--	--
			Fluoranthene	--	--	--	--	Fluoranthene	Liver	0.000051	--	0.000063	0.00011
			Fluorene	--	--	--	--	Fluorene	Blood	0.0000036	--	0.0000045	0.0000081
			Indeno(1,2,3-cd)pyrene	1.1E-007	1.6E-011	1.4E-007	2.6E-007	Indeno(1,2,3-cd)pyrene	NA	--	--	--	--
			Naphthalene	--	--	--	--	Naphthalene	Erythrocytes	0.0000099	0.000066	0.000012	0.000088
			Phenanthrene	--	--	--	--	Phenanthrene	Kidney	0.000038	--	0.000047	0.000085
			Pyrene	--	--	--	--	Pyrene	Kidney	0.000097	--	0.00012	0.00022
			2,3,7,8-TCDD	8.3E-005	3.2E-009	2.4E-005	1.1E-004	2,3,7,8-TCDD	NA	--	--	--	--
			4,4'-DDE	3.2E-007	--	--	3.2E-007	4,4'-DDE	NA	--	--	--	--
			4,4'-DDT	1.9E-008	1.1E-011	5.4E-009	2.4E-008	4,4'-DDT	Liver	0.00086	--	0.00025	0.0011
			Acetophenone	--	--	--	--	Acetophenone	General	0.0000016	--	--	0.0000016
			alpha-BHC	3.3E-008	9.4E-010	--	3.4E-008	alpha-BHC	NA	--	--	--	--
			alpha-chlordane	5.6E-009	3.9E-011	--	5.6E-009	alpha-chlordane	Liver	0.00025	0.0000043	--	0.00025
			Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	15	0.35	19	34
			Aroclor 1260	--	--	--	--	Aroclor 1260	Eye/Immune	0.0059	0.00014	0.0079	0.014
			Dieldrin	1.8E-005	1.4E-007	--	1.8E-005	Dieldrin	Liver	0.18	--	--	0.18
			Endrin aldehyde	--	--	--	--	Endrin aldehyde	Liver	0.0063	--	--	0.0063
			gamma-Chlordane	7.7E-009	3.0E-013	2.9E-009	1.1E-008	gamma-Chlordane	Liver	0.00034	3.4E-008	0.00013	0.00047
			Heptachlor	1.3E-007	9.1E-010	--	1.3E-007	Heptachlor	Liver	0.00044	--	--	0.00044
			Heptachlor epoxide	4.2E-006	1.3E-008	--	4.2E-006	Heptachlor epoxide	Liver	0.28	--	--	0.28
			Dioxin-like PCBs	3.9E-002	1.5E-006	1.1E-002	5.0E-002	Dioxin-like PCBs	NA	--	--	--	--
			Nondioxin-like PCBs	4.4E-003	2.1E-005	5.8E-003	1.0E-002	Nondioxin-like PCBs	NA	--	--	--	--

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TABLE 9.3.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
			Total PCBs	1.3E-004	6.1E-007	1.7E-004	3.0E-004	Total PCBs	NA	--	--	--	--
			Aluminum	--	--	--	--	Aluminum	CNS	0.015	0.00041	--	0.015
			Antimony	--	--	--	--	Antimony	Longevity	0.0097	--	--	0.0097
			Arsenic	3.3E-006	1.3E-009	9.5E-007	4.3E-006	Arsenic	Skin	0.057	--	0.016	0.073
			Barium	--	--	--	--	Barium	NOAEL	0.0029	0.000056	--	0.003
			Cadmium	--	6.9E-010	--	6.9E-010	Cadmium	Kidney	0.022	0.000015	0.0082	0.03
			Chromium	--	--	--	--	Chromium	NA	0.008	--	--	0.008
			Cyanide	--	--	--	--	Cyanide	Body Weight	0.000024	--	--	0.000024
			Iron	--	--	--	--	Iron	Liver	0.062	--	--	0.062
			Lead	--	--	--	--	Lead	CNS	--	--	--	--
			Manganese	--	--	--	--	Manganese	CNS	0.017	0.0011	--	0.018
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.011	--	--	0.011
			Vanadium	--	--	--	--	Vanadium	NOAEL	0.0042	--	--	0.0042
			(Total) (1)	2.4E-004	7.9E-007	2.0E-004	4.4E-004	(Total)		16	0.35	19	35
			Total Risk Across All Media and All Exposure Routes (1)				4.4E-004	Total Hazard Index Across All Media and All Exposure Routes					35

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 6.0E-002

Total Blood HI =	0.011
Total Liver HI =	0.53
Total Erythrocytes HI =	0.00022
Total Kidney HI =	0.03
Total Eye/Immune HI =	34
Total CNS HI =	0.033
Total Longevity HI =	0.0097
Total Skin HI =	0.073
Total Body Weight HI =	0.000024

Notes:
(1) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table. These are not evaluated for non-carcinogenic effects.

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TABLE 9.3 CT
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe Current
Receptor Population Trespasser
Receptor Age Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Surface Soil	Surface Soil	Area B without outliers	Benzene	8.5E-012	2.4E-011	--	3.2E-011	Benzene	Blood	0.0000004	0.0000039	--	0.0000043
			cis-1,2-Dichloroethene	--	--	--	--	cis-1,2-Dichloroethene	Blood	0.0000009	--	--	0.00000094
			Trichloroethene	6.2E-010	2.7E-009	--	3.3E-009	Trichloroethene	Liver	0.00004	0.0000046	--	0.000045
			2-Methylnaphthalene	--	--	--	--	2-Methylnaphthalene	Erythrocytes	0.0000037	0.00002	0.0000018	0.000026
			Acenaphthene	--	--	--	--	Acenaphthene	Liver	0.0000005	--	0.0000002	0.00000073
			Benzo(a)anthracene	3.4E-008	2.1E-011	1.7E-008	5.1E-008	Benzo(a)anthracene	NA	--	--	--	--
			Benzo(a)pyrene	3.5E-007	9.2E-011	1.7E-007	5.3E-007	Benzo(a)pyrene	NA	--	--	--	--
			Benzo(b)fluoranthene	4.2E-008	5.1E-011	2.1E-008	6.2E-008	Benzo(b)fluoranthene	NA	--	--	--	--
			Benzo(k)fluoranthene	3.3E-009	5.7E-013	1.7E-009	5.0E-009	Benzo(k)fluoranthene	NA	--	--	--	--
			Chrysene	4.2E-010	8.8E-013	2.1E-010	6.4E-010	Chrysene	NA	--	--	--	--
			Dibenzofuran	--	--	--	--	Dibenzofuran	NA	--	--	--	--
			Dibenz(a,h)anthracene	7.7E-008	6.0E-012	3.8E-008	1.1E-007	Dibenz(a,h)anthracene	NA	--	--	--	--
			Fluoranthene	--	--	--	--	Fluoranthene	Liver	0.000013	--	0.0000063	0.000019
			Fluorene	--	--	--	--	Fluorene	Blood	0.0000009	--	0.0000005	0.0000014
			Indeno(1,2,3-cd)pyrene	2.9E-008	3.4E-012	1.4E-008	4.3E-008	Indeno(1,2,3-cd)pyrene	NA	--	--	--	--
			Naphthalene	--	--	--	--	Naphthalene	Erythrocytes	0.0000025	0.000014	0.0000012	0.000018
			Phenanthrene	--	--	--	--	Phenanthrene	Kidney	0.0000094	--	0.0000047	0.000014
			Pyrene	--	--	--	--	Pyrene	Kidney	0.000024	--	0.000012	0.000036
			2,3,7,8-TCDD	2.1E-005	6.8E-010	2.4E-006	2.3E-005	2,3,7,8-TCDD	NA	--	--	--	--
			4,4'-DDE	8.0E-008	--	--	8.0E-008	4,4'-DDE	NA	--	--	--	--
			4,4'-DDT	4.7E-009	2.2E-012	5.4E-010	5.2E-009	4,4'-DDT	Liver	0.00021	--	0.000025	0.00024
			Acetophenone	--	--	--	--	Acetophenone	General	0.0000004	--	--	0.0000004
			alpha-BHC	8.1E-009	2.0E-010	--	8.3E-009	alpha-BHC	NA	--	--	--	--
			alpha-chlordane	1.4E-009	8.2E-012	--	1.4E-009	alpha-chlordane	Liver	0.000062	0.0000009	--	0.000063
			Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	3.6	0.073	1.9	5.6
			Aroclor 1260	--	--	--	--	Aroclor 1260	Eye/Immune	0.0015	0.00003	0.00079	0.0023
			Dieldrin	4.6E-006	2.9E-008	--	4.6E-006	Dieldrin	Liver	0.044	--	--	0.044
			Endrin aldehyde	--	--	--	--	Endrin aldehyde	Liver	0.0016	--	--	0.0016
			gamma-Chlordane	1.9E-009	6.3E-014	2.9E-010	2.2E-009	gamma-Chlordane	Liver	0.000086	7E-009	0.000013	0.000099
			Heptachlor	3.2E-008	1.9E-010	--	3.2E-008	Heptachlor	Liver	0.00011	--	--	0.00011
			Heptachlor epoxide	1.1E-006	2.8E-009	--	1.1E-006	Heptachlor epoxide	Liver	0.069	--	--	0.069
			Dioxin-like PCBs	9.8E-003	3.2E-007	1.1E-003	1.1E-002	Dioxin-like PCBs	NA	--	--	--	--
			Nondioxin-like PCBs	1.1E-003	4.4E-006	5.8E-004	1.7E-003	Nondioxin-like PCBs	NA	--	--	--	--

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TABLE 9.3.CT

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

CENTRAL TENDENCY EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
			Total PCBs	3.2E-005	1.3E-007	1.7E-005	4.9E-005	Total PCBs	NA	--	--	--	--
			Aluminum	--	--	--	--	Aluminum	CNS	0.0038	0.000086	--	0.0039
			Antimony	--	--	--	--	Antimony	Longevity	0.0024	--	--	0.0024
			Arsenic	8.3E-007	2.7E-010	9.5E-008	9.2E-007	Arsenic	Skin	0.014	--	0.0016	0.016
			Barium	--	--	--	--	Barium	NOAEL	0.00073	0.000012	--	0.00074
			Cadmium	--	1.4E-010	--	1.4E-010	Cadmium	Kidney	0.0054	0.0000031	0.00082	0.0062
			Chromium	--	--	--	--	Chromium	NA	0.002	--	--	0.002
			Cyanide	--	--	--	--	Cyanide	Body Weight	0.0000059	--	--	0.0000059
			Iron	--	--	--	--	Iron	Liver	0.015	--	--	0.015
			Lead	--	--	--	--	Lead	CNS	--	--	--	--
			Manganese	--	--	--	--	Manganese	CNS	0.0043	0.00023	--	0.0045
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.0029	--	--	0.0029
			Vanadium	--	--	--	--	Vanadium	NOAEL	0.0011	--	--	0.0011
			(Total) (1)	6.0E-005	1.6E-007	2.0E-005	8.0E-005	(Total)		3.8	0.073	1.9	5.8
			Total Risk Across All Media and All Exposure Routes (1)				8.0E-005	Total Hazard Index Across All Media and All Exposure Routes					5.8

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 1.3E-002

Total Blood HI =	0.0029
Total Liver HI =	0.13
Total Erythrocytes HI =	0.000044
Total Kidney HI =	0.0063
Total Eye/Immune HI =	5.6
Total CNS HI =	0.0084
Total Longevity HI =	0.0024
Total Skin HI =	0.016
Total Body Weight HI =	0.0000059

Notes:

(1) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table. These are not evaluated for non-carcinogenic effects.

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TABLE 9.4.RME

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

REASONABLE MAXIMUM EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Surface Soil	Surface Soil	Area A	Benzene	1.7E-011	2.9E-010	--	3.1E-010	Benzene	Blood	0.0000003	0.000017	--	0.000017
			Trichloroethene	2.1E-008	5.6E-007	--	5.8E-007	Trichloroethene	Liver	0.0005	0.00034	--	0.00084
			Benzo(a)anthracene	7.1E-007	2.7E-009	6.1E-007	1.3E-006	Benzo(a)anthracene	NA	--	--	--	--
			Benzo(a)pyrene	6.4E-006	1.0E-008	5.5E-006	1.2E-005	Benzo(a)pyrene	NA	--	--	--	--
			Benzo(b)fluoranthene	9.2E-007	6.8E-009	7.9E-007	1.7E-006	Benzo(b)fluoranthene	NA	--	--	--	--
			Dibenz(a,h)anthracene	1.1E-006	5.9E-010	9.7E-007	2.1E-006	Dibenz(a,h)anthracene	NA	--	--	--	--
			Indeno(1,2,3-cd)pyrene	2.2E-007	1.7E-010	1.9E-007	4.1E-007	Indeno(1,2,3-cd)pyrene	NA	--	--	--	--
			Aldrin	4.9E-005	5.8E-007	--	5.0E-005	Aldrin	Liver	0.27	--	--	0.27
			Aroclor 1242	--	--	--	--	Aroclor 1242	Fetus	0.012	0.0024	0.011	0.025
			Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	15	3	14	32
			Total PCBs	2.2E-004	8.9E-006	2.1E-004	4.4E-004	Total PCBs	NA	--	--	--	--
			Aluminum	--	--	--	--	Aluminum	CNS	0.012	0.0028	--	0.015
			Antimony	--	--	--	--	Antimony	Longevity	0.033	--	--	0.033
			Arsenic	4.3E-005	1.4E-007	8.6E-006	5.2E-005	Arsenic	Skin	0.27	--	0.054	0.32
			Barium	--	--	--	--	Barium	NOAEL	0.015	0.0024	--	0.017
			Iron	--	--	--	--	Iron	Liver	0.095	--	--	0.095
			Lead	--	--	--	--	Lead	CNS	--	--	--	--
			Manganese	--	--	--	--	Manganese	CNS	0.021	0.011	--	0.032
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.034	--	--	0.034
			(Total)	3.2E-004	1.0E-005	2.2E-004	5.6E-004	(Total)		16	3	14	33
			Total Risk Across All Media and All Exposure Routes				5.6E-004	Total Hazard Index Across All Media and All Exposure Routes					33

Total Blood HI =	0.034
Total Liver HI =	0.37
Total Fetus HI =	0.025
Total Eye/Immune HI =	32
Total CNS HI =	0.047
Total Longevity HI =	0.033
Total Skin HI =	0.32

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TABLE 9.4 CT

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

CENTRAL TENDENCY EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Surface Soil	Surface Soil	Area A	Benzene	4.4E-012	7.4E-011	--	7.9E-011	Benzene	Blood	0.0000003	0.000017	--	0.000017
			Trichloroethene	5.5E-009	1.4E-007	--	1.5E-007	Trichloroethene	Liver	0.00049	0.00033	--	0.00082
			Benzo(a)anthracene	1.8E-007	6.9E-010	1.6E-008	2.0E-007	Benzo(a)anthracene	NA	--	--	--	--
			Benzo(a)pyrene	1.7E-006	2.7E-009	1.4E-007	1.8E-006	Benzo(a)pyrene	NA	--	--	--	--
			Benzo(b)fluoranthene	2.4E-007	1.7E-009	2.0E-008	2.6E-007	Benzo(b)fluoranthene	NA	--	--	--	--
			Dibenz(a,h)anthracene	2.9E-007	1.5E-010	2.5E-008	3.1E-007	Dibenz(a,h)anthracene	NA	--	--	--	--
			Indeno(1,2,3-cd)pyrene	5.7E-008	4.4E-011	4.9E-009	6.2E-008	Indeno(1,2,3-cd)pyrene	NA	--	--	--	--
			Aldrin	1.3E-005	1.5E-007	--	1.3E-005	Aldrin	Liver	0.26	--	--	0.26
			Aroclor 1242	--	--	--	--	Aroclor 1242	Fetus	0.012	0.0023	0.0011	0.015
			Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	15	2.9	1.3	19
			Total PCBs	5.7E-005	2.3E-006	5.3E-006	6.5E-005	Total PCBs	NA	--	--	--	--
			Aluminum	--	--	--	--	Aluminum	CNS	0.012	0.0027	--	0.015
			Antimony	--	--	--	--	Antimony	Longevity	0.032	--	--	0.032
			Arsenic	1.1E-005	3.7E-008	2.2E-007	1.1E-005	Arsenic	Skin	0.26	--	0.0052	0.27
			Barium	--	--	--	--	Barium	NOAEL	0.014	0.0023	--	0.016
			Iron	--	--	--	--	Iron	Liver	0.092	--	--	0.092
			Lead	--	--	--	--	Lead	CNS	--	--	--	--
			Manganese	--	--	--	--	Manganese	CNS	0.021	0.011	--	0.032
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.033	--	--	0.033
			(Total)	8.3E-005	2.6E-006	5.7E-006	9.2E-005	(Total)		16	2.9	1.3	20
			Total Risk Across All Media and All Exposure Routes				9.2E-005	Total Hazard Index Across All Media and All Exposure Routes					20

Total Blood HI =	0.033
Total Liver HI =	0.35
Total Fetus HI =	0.015
Total Eye/Immune HI =	19
Total CNS HI =	0.047
Total Longevity HI =	0.032
Total Skin HI =	0.27

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TABLE 9 5 RME

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

REASONABLE MAXIMUM EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Surface Soil	Surface Soil	Area B with Outliers	Benzene	1.0E-010	2.0E-009	--	2.8E-009	Benzene	Blood	0.0000026	0 00016	--	0 00016
			cis-1,2-Dichloroethene	--	--	--	--	cis-1,2-Dichloroethene	Blood	0.00086	--	--	0 00086
			Trichloroethene	7.0E-008	1.8E-006	--	1.9E-006	Trichloroethene	Liver	0 0016	0 0011	--	0 0027
			2-Methylnaphthalene	--	--	--	--	2-Methylnaphthalene	Erythrocytes	0.0091	0.3	0 0078	0.32
			Acenaphthene	--	--	--	--	Acenaphthene	Liver	0 018	--	0 016	0.034
			Benzo(a)anthracene	9.4E-005	3.6E-007	8 1E-005	1.8E-004	Benzo(a)anthracene	NA	--	--	--	--
			Benzo(a)pyrene	5.3E-004	8.6E-007	4.6E-004	9.9E-004	Benzo(a)pyrene	NA	--	--	--	--
			Benzo(b)fluoranthene	1 6E-005	1 2E-007	1.3E-005	2.9E-005	Benzo(b)fluoranthene	NA	--	--	--	--
			Benzo(k)fluoranthene	4.6E-006	5.0E-009	4.0E-006	8.6E-006	Benzo(k)fluoranthene	NA	--	--	--	--
			Chrysene	8.5E-007	1.1E-008	7.3E-007	1.6E-006	Chrysene	NA	--	--	--	--
			Dibenzofuran	--	--	--	--	Dibenzofuran	NA	--	--	--	--
			Dibenz(a,h)anthracene	6.9E-005	3.6E-008	5.9E-005	1.3E-004	Dibenz(a,h)anthracene	NA	--	--	--	--
			Fluoranthene	--	--	--	--	Fluoranthene	Liver	0.039	--	0 034	0.073
			Fluorene	--	--	--	--	Fluorene	Blood	0.02	--	0.017	0 037
			Indeno(1,2,3-cd)pyrene	2.7E-005	2.1E-008	2.3E-005	5.0E-005	Indeno(1,2,3-cd)pyrene	NA	--	--	--	--
			Naphthalene	--	--	--	--	Naphthalene	Erythrocytes	0.0026	0.085	0.0022	0 09
			Phenanthrene	--	--	--	--	Phenanthrene	Kidney	0.092	--	0 079	0.17
			Pyrene	--	--	--	--	Pyrene	Kidney	0.034	--	0.029	0.063
			2,3,7,8-TCDD	3.8E-004	1.2E-007	7.5E-005	4.5E-004	2,3,7,8-TCDD	NA	--	--	--	--
			4,4'-DDE	5.8E-005	--	--	5.8E-005	4,4'-DDE	NA	--	--	--	--
			4,4'-DDT	2.1E-006	6.4E-009	4.2E-007	2.6E-006	4,4'-DDT	Liver	0.035	--	0 007	0 042
			Acetophenone	--	--	--	--	Acetophenone	General	0.000003	--	--	0 000003
			alpha-BHC	4 8E-006	6.9E-007	--	5.4E-006	alpha-BHC	NA	--	--	--	--
			alpha-chlordane	2.5E-008	9.0E-010	--	2.6E-008	alpha-chlordane	Liver	0.00041	0 000036	--	0 00045
			Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	380	76	350	810
			Aroclor 1260	--	--	--	--	Aroclor 1260	Eye/Immune	0 0097	0.0019	0 009	0 021
			Dieldrin	4.6E-004	1 7E-005	--	4.8E-004	Dieldrin	Liver	1 6	--	--	1 6
			Endrin aldehyde	--	--	--	--	Endrin aldehyde	Liver	0 16	--	--	0 16
			gamma-Chlordane	1 1E-006	3.6E-010	2.9E-007	1.4E-006	gamma-Chlordane	Liver	0 018	0.000014	0 0046	0 023
			Heptachlor	2 7E-006	9 6E-008	--	2.8E-006	Heptachlor	Liver	0 0033	--	--	0 0033
			Heptachlor epoxide	3.5E-004	5 6E-006	--	3.6E-004	Heptachlor epoxide	Liver	8 3	--	--	8 3
			Dioxin-like PCBs	1.6E-001	5.9E-005	3.5E-002	2.0E-001	Dioxin-like PCBs	NA	--	--	--	--

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TABLE 9.5.RME

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

REASONABLE MAXIMUM EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
			Nondioxin-like PCBs	2.0E-002	8.0E-004	1.8E-002	3.9E-002	Nondioxin-like PCBs	NA	--	--	--	--
			Total PCBs	5.7E-003	2.3E-004	5.3E-003	1.1E-002	Total PCBs	NA	--	--	--	--
			Aluminum	--	--	--	--	Aluminum	CNS	0.025	0.0056	--	0.031
			Antimony	--	--	--	--	Antimony	Longevity	0.016	--	--	0.016
			Arsenic	1.5E-005	4.9E-008	3.0E-006	1.8E-005	Arsenic	Skin	0.094	--	0.019	0.11
			Barium	--	--	--	--	Barium	NOAEL	0.0068	0.0011	--	0.0079
			Cadmium	--	2.6E-008	--	2.6E-008	Cadmium	Kidney	0.035	0.0002	0.0093	0.045
			Chromium	--	--	--	--	Chromium	NA	0.018	--	--	0.018
			Cyanide	--	--	--	--	Cyanide	Body Weight	0.000088	--	--	0.000088
			Iron	--	--	--	--	Iron	Liver	0.12	--	--	0.12
			Lead	--	--	--	--	Lead	CNS	--	--	--	--
			Manganese	--	--	--	--	Manganese	CNS	0.029	0.015	--	0.044
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.033	--	--	0.033
			Vanadium	--	--	--	--	Vanadium	NOAEL	0.0079	--	--	0.0079
			(Total) (1)	7.7E-003	2.5E-004	6.0E-003	1.4E-002	(Total)		390	76	350	820
			Total Risk Across All Media and All Exposure Routes (1)				1.4E-002	Total Hazard Index Across All Media and All Exposure Routes					820

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 2.4E-001

Total Blood HI =	0.071
Total Liver HI =	10
Total Erythrocytes HI =	0.41
Total Kidney HI =	0.28
Total Eye/Immune HI =	810
Total CNS HI =	0.075
Total Longevity HI =	0.016
Total Skin HI =	0.11
Total Body Weight HI =	0.000088

Notes

(1) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table. These are not evaluated for non-carcinogenic effects.

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TABLE 9.5 CT

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

CENTRAL TENDENCY EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe Current
Receptor Population Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Surface Soil	Surface Soil	Area B with outliers	Benzene	4.0E-011	6.7E-010	--	7 1E-010	Benzene	Blood	0 0000026	0.00015	--	0.00015
			cis-1,2-Dichloroethene	--	--	--	--	cis-1,2-Dichloroethene	Blood	0.00084	--	--	0 00084
			Trichloroethene	1 8E-008	4.7E-007	--	4.9E-007	Trichloroethene	Liver	0 0016	0 0011	--	0.0027
			2-Methylnaphthalene	--	--	--	--	2-Methylnaphthalene	Erythrocytes	0.0088	0.29	0.00076	0 3
			Acenaphthene	--	--	--	--	Acenaphthene	Liver	0 018	--	0.0015	0.02
			Benzo(a)anthracene	2 4E-005	9 2E-008	2.1E-006	2 6E-005	Benzo(a)anthracene	NA	--	--	--	--
			Benzo(a)pyrene	1 4E-004	2.2E-007	1 2E-005	1.5E-004	Benzo(a)pyrene	NA	--	--	--	--
			Benzo(b)fluoranthene	4.0E-006	3.0E-008	3.4E-007	4.4E-006	Benzo(b)fluoranthene	NA	--	--	--	--
			Benzo(k)fluoranthene	1.2E-006	1.3E-009	1.0E-007	1.3E-006	Benzo(k)fluoranthene	NA	--	--	--	--
			Chrysene	2.2E-007	2.7E-009	1.9E-008	2.4E-007	Chrysene	NA	--	--	--	--
			Dibenzofuran	--	--	--	--	Dibenzofuran	NA	--	--	--	--
			Dibenz(a,h)anthracene	1 8E-005	9 3E-009	1.5E-006	1.9E-005	Dibenz(a,h)anthracene	NA	--	--	--	--
			Fluoranthene	--	--	--	--	Fluoranthene	Liver	0.038	--	0 0033	0.041
			Fluorene	--	--	--	--	Fluorene	Blood	0 019	--	0 0016	0 021
			Indeno(1,2,3-cd)pyrene	6.9E-006	5 3E-009	5.9E-007	7.5E-006	Indeno(1,2,3-cd)pyrene	NA	--	--	--	--
			Naphthalene	--	--	--	--	Naphthalene	Erythrocytes	0.0025	0.082	0.00021	0 085
			Phenanthrene	--	--	--	--	Phenanthrene	Kidney	0.089	--	0.0077	0 097
			Pyrene	--	--	--	--	Pyrene	Kidney	0.033	--	0 0028	0.036
			2,3,7,8-TCDD	9.7E-005	3 2E-008	1 9E-006	9.9E-005	2,3,7,8-TCDD	NA	--	--	--	--
			4,4'-DDE	1.5E-005	--	--	1.5E-005	4,4'-DDE	NA	--	--	--	--
			4,4'-DDT	5 5E-007	1.6E-009	1 1E-008	5.6E-007	4,4'-DDT	Liver	0 034	--	0.00068	0 035
			Acetophenone	--	--	--	--	Acetophenone	General	0.0000029	--	--	0 0000029
			alpha-BHC	1.2E-006	1 8E-007	--	1.4E-006	alpha-BHC	NA	--	--	--	--
			alpha-chlordane	6.5E-009	2.3E-010	--	6 7E-009	alpha-chlordane	Liver	0.00039	0 000035	--	0 00043
			Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	370	74	34	480
			Aroclor 1260	--	--	--	--	Aroclor 1260	Eye/Immune	0.0094	0.0019	0.00087	0 012
			Dieldrin	1.2E-004	4.4E-006	--	1.2E-004	Dieldrin	Liver	1 6	--	--	1.6
			Endrin aldehyde	--	--	--	--	Endrin aldehyde	Liver	0 15	--	--	0 15
			gamma-Chlordane	2.8E-007	9.2E-011	7.5E-009	2.9E-007	gamma-Chlordane	Liver	0.017	0 000014	0 00045	0 017
			Heptachlor	6.9E-007	2.5E-008	--	7 2E-007	Heptachlor	Liver	0.0033	--	--	0 0033
			Heptachlor epoxide	9.0E-005	1.4E-006	--	9 2E-005	Heptachlor epoxide	Liver	8.1	--	--	8 1
			Dioxin-like PCBs	4.5E-002	1 5E-005	9.1E-004	4.6E-002	Dioxin-like PCBs	NA	--	--	--	--

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TABLE 9.5.CT

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

CENTRAL TENDENCY EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
			Nondioxin-like PCBs	5.1E-003	2.0E-004	4.7E-004	5.8E-003	Nondioxin-like PCBs	NA	--	--	--	--
			Total PCBs	1.5E-003	5.8E-005	1.3E-004	1.7E-003	Total PCBs	NA	--	--	--	--
			Aluminum	--	--	--	--	Aluminum	CNS	0.024	0.0055	--	0.03
			Antimony	--	--	--	--	Antimony	Longevity	0.015	--	--	0.015
			Arsenic	3.9E-006	1.3E-008	7.7E-008	4.0E-006	Arsenic	Skin	0.091	--	0.0018	0.093
			Barium	--	--	--	--	Barium	NOAEL	0.0066	0.0011	--	0.0077
			Cadmium	--	6.7E-009	--	6.7E-009	Cadmium	Kidney	0.034	0.0002	0.00091	0.035
			Chromium	--	--	--	--	Chromium	NA	0.017	--	--	0.017
			Cyanide	--	--	--	--	Cyanide	Body Weight	0.000086	--	--	0.000086
			Iron	--	--	--	--	Iron	Liver	0.12	--	--	0.12
			Lead	--	--	--	--	Lead	CNS	--	--	--	--
			Manganese	--	--	--	--	Manganese	CNS	0.028	0.015	--	0.043
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.032	--	--	0.032
			Vanadium	--	--	--	--	Vanadium	NOAEL	0.0077	--	--	0.0077
			(Total) (1)	2.0E-003	6.5E-005	1.5E-004	2.2E-003	(Total)		380	74	34	490
			Total Risk Across All Media and All Exposure Routes (1)				2.2E-003	Total Hazard Index Across All Media and All Exposure Routes					490

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 5.2E-002

Total Blood HI =	0.054
Total Liver HI =	10
Total Erythrocytes HI =	0.39
Total Kidney HI =	0.17
Total Eye/Immune HI =	480
Total CNS HI =	0.073
Total Longevity HI =	0.015
Total Skin HI =	0.093
Total Body Weight HI =	0.000086

Notes:

(1) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table. These are not evaluated for non-carcinogenic effects.

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TABLE 9 6.RME

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

REASONABLE MAXIMUM EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Surface Soil	Surface Soil	Area B without Outliers	Benzene	1.6E-010	2.6E-009	--	2.8E-009	Benzene	Blood	0.0000026	0.00016	--	0.00016
			cis-1,2-Dichloroethene	--	--	--	--	cis-1,2-Dichloroethene	Blood	0.0000062	--	--	0 0000062
			Trichloroethene	1.1E-008	3.0E-007	--	3.1E-007	Trichloroethene	Liver	0.00026	0.00018	--	0.00044
			2-Methylnaphthalene	--	--	--	--	2-Methylnaphthalene	Erythrocytes	0.000024	0.0008	0.000021	0.00085
			Acenaphthene	--	--	--	--	Acenaphthene	Liver	0 0000032	--	0.0000028	0 000006
			Benzo(a)anthracene	6.2E-007	2.4E-009	5 3E-007	1.2E-006	Benzo(a)anthracene	NA	--	--	--	--
			Benzo(a)pyrene	6 4E-006	1 0E-008	5.5E-006	1.2E-005	Benzo(a)pyrene	NA	--	--	--	--
			Benzo(b)fluoranthene	7.6E-007	5 6E-009	6.5E-007	1.4E-006	Benzo(b)fluoranthene	NA	--	--	--	--
			Benzo(k)fluoranthene	6.1E-008	6.6E-011	5 2E-008	1 1E-007	Benzo(k)fluoranthene	NA	--	--	--	--
			Chrysene	7.7E-009	9 7E-011	6 6E-009	1.4E-008	Chrysene	NA	--	--	--	--
			Dibenzofuran	--	--	--	--	Dibenzofuran	NA	--	--	--	--
			Dibenz(a,h)anthracene	1.4E-006	7 4E-010	1 2E-006	2 6E-006	Dibenz(a,h)anthracene	NA	--	--	--	--
			Fluoranthene	--	--	--	--	Fluoranthene	Liver	0.000084	--	0.000072	0 00016
			Fluorene	--	--	--	--	Fluorene	Blood	0.0000059	--	0.0000051	0.000011
			Indeno(1,2,3-cd)pyrene	5.2E-007	4.0E-010	4.5E-007	9.7E-007	Indeno(1,2,3-cd)pyrene	NA	--	--	--	--
			Naphthalene	--	--	--	--	Naphthalene	Erythrocytes	0 000016	0.00054	0.000014	0.00057
			Phenanthrene	--	--	--	--	Phenanthrene	Kidney	0.000062	--	0 000053	0.00012
			Pyrene	--	--	--	--	Pyrene	Kidney	0.00016	--	0.00014	0 0003
			2,3,7,8-TCDD	3.8E-004	1.2E-007	7.5E-005	4.5E-004	2,3,7,8-TCDD	NA	--	--	--	--
			4,4'-DDE	1.5E-006	--	--	1.5E-006	4,4'-DDE	NA	--	--	--	--
			4,4'-DDT	8.6E-008	2.6E-010	1.7E-008	1 0E-007	4,4'-DDT	Liver	0 0014	--	0 00028	0 0017
			Acetophenone	--	--	--	--	Acetophenone	General	0 0000026	--	--	0.0000026
			alpha-BHC	1.5E-007	2.2E-008	--	1.7E-007	alpha-BHC	NA	--	--	--	--
			alpha-chlordane	2 5E-008	9.0E-010	--	2.6E-008	alpha-chlordane	Liver	0 00041	0 000036	--	0.00045
			Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	24	4 8	22	51
			Aroclor 1260	--	--	--	--	Aroclor 1260	Eye/Immune	0.0097	0.0019	0 009	0 021
			Dieldrin	8.3E-005	3.1E-006	--	8.6E-005	Dieldrin	Liver	0 29	--	--	0 29
			Endrin aldehyde	--	--	--	--	Endrin aldehyde	Liver	0 01	--	--	0 01
			gamma-Chlordane	3 5E-008	1.2E-011	9.3E-009	4.5E-008	gamma-Chlordane	Liver	0.00056	0.0000005	0.00015	0 00071
			Heptachlor	5.8E-007	2.1E-008	--	6.0E-007	Heptachlor	Liver	0 00072	--	--	0 00072
			Heptachlor epoxide	1.9E-005	3.1E-007	--	1.9E-005	Heptachlor epoxide	Liver	0 45	--	--	0 45
			Dioxin-like PCBs	1.6E-001	5.9E-005	3.5E-002	2.0E-001	Dioxin-like PCBs	NA	--	--	--	--
			Nondioxin-like PCBs	2.0E-002	7.9E-004	1.8E-002	3.9E-002	Nondioxin-like PCBs	NA	--	--	--	--

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TABLE 9 6.RME

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

REASONABLE MAXIMUM EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
			Total PCBs	5.8E-004	2.3E-005	5 4E-004	1.1E-003	Total PCBs	NA	--	--	--	--
			Aluminum	--	--	--	--	Aluminum	CNS	0.025	0.0056	--	0 031
			Antimony	--	--	--	--	Antimony	Longevity	0.016	--	--	0.016
			Arsenic	1.5E-005	4.9E-008	3.0E-006	1.8E-005	Arsenic	Skin	0.094	--	0.019	0.11
			Barium	--	--	--	--	Barium	NOAEL	0.0048	0.00077	--	0.0056
			Cadmium	--	2.6E-008	--	2.6E-008	Cadmium	Kidney	0.035	0.0002	0.0093	0.045
			Chromium	--	--	--	--	Chromium	NA	0.013	--	--	0.013
			Cyanide	--	--	--	--	Cyanide	Body Weight	0.000039	--	--	0.000039
			Iron	--	--	--	--	Iron	Liver	0.1	--	--	0 1
			Lead	--	--	--	--	Lead	CNS	--	--	--	--
			Manganese	--	--	--	--	Manganese	CNS	0.029	0.015	--	0.044
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.019	--	--	0.019
			Vanadium	--	--	--	--	Vanadium	NOAEL	0.0069	--	--	0.0069
			(Total) (1)	1.1E-003	2.7E-005	6.2E-004	1.7E-003	(Total)		25	4.8	22	52
			Total Risk Across All Media and All Exposure Routes (1)				1.7E-003	Total Hazard Index Across All Media and All Exposure Routes					52

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 2.4E-001

Total Blood HI =	0.019
Total Liver HI =	0.85
Total Erythrocytes HI =	0.0014
Total Kidney HI =	0.045
Total Eye/Immune HI =	51
Total CNS HI =	0.075
Total Longevity HI =	0.016
Total Skin HI =	0 11
Total Body Weight HI =	0.000039

Notes:

(1) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table. These are not evaluated for non-carcinogenic effects.

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TABLE 9 6.CT

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

CENTRAL TENDENCY EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Surface Soil	Surface Soil	Area B without outliers	Benzene	4.0E-011	6.7E-010	--	7.1E-010	Benzene	Blood	0.0000026	0.00015	--	0.00015
			cis-1,2-Dichloroethene	--	--	--	--	cis-1,2-Dichloroethene	Blood	0.000006	--	--	0.000006
			Trichloroethene	2.9E-009	7.6E-008	--	7.9E-008	Trichloroethene	Liver	0.00026	0.00018	--	0.00044
			2-Methylnaphthalene	--	--	--	--	2-Methylnaphthalene	Erythrocytes	0.000024	0.00078	0.000002	0.00081
			Acenaphthene	--	--	--	--	Acenaphthene	Liver	0.0000031	--	0.0000003	0.0000034
			Benzo(a)anthracene	1.6E-007	6.0E-010	1.4E-008	1.7E-007	Benzo(a)anthracene	NA	--	--	--	--
			Benzo(a)pyrene	1.7E-006	2.7E-009	1.4E-007	1.8E-006	Benzo(a)pyrene	NA	--	--	--	--
			Benzo(b)fluoranthene	1.9E-007	1.4E-009	1.7E-008	2.1E-007	Benzo(b)fluoranthene	NA	--	--	--	--
			Benzo(k)fluoranthene	1.6E-008	1.7E-011	1.3E-009	1.7E-008	Benzo(k)fluoranthene	NA	--	--	--	--
			Chrysene	2.0E-009	2.5E-011	1.7E-010	2.2E-009	Chrysene	NA	--	--	--	--
			Dibenzofuran	--	--	--	--	Dibenzofuran	NA	--	--	--	--
			Dibenz(a,h)anthracene	3.6E-007	1.9E-010	3.1E-008	3.9E-007	Dibenz(a,h)anthracene	NA	--	--	--	--
			Fluoranthene	--	--	--	--	Fluoranthene	Liver	0.000081	--	0.000007	0.000088
			Fluorene	--	--	--	--	Fluorene	Blood	0.0000058	--	0.0000005	0.0000063
			Indeno(1,2,3-cd)pyrene	1.3E-007	1.0E-010	1.2E-008	1.5E-007	Indeno(1,2,3-cd)pyrene	NA	--	--	--	--
			Naphthalene	--	--	--	--	Naphthalene	Erythrocytes	0.000016	0.00053	0.0000014	0.00055
			Phenanthrene	--	--	--	--	Phenanthrene	Kidney	0.00006	--	0.0000051	0.000065
			Pyrene	--	--	--	--	Pyrene	Kidney	0.00015	--	0.000013	0.00016
			2,3,7,8-TCDD	9.7E-005	3.2E-008	1.9E-006	9.9E-005	2,3,7,8-TCDD	NA	--	--	--	--
			4,4'-DDE	3.8E-007	--	--	3.8E-007	4,4'-DDE	NA	--	--	--	--
			4,4'-DDT	2.2E-008	6.6E-011	4.4E-010	2.2E-008	4,4'-DDT	Liver	0.0014	--	0.000027	0.0014
			Acetophenone	--	--	--	--	Acetophenone	General	0.0000026	--	--	0.0000026
			alpha-BHC	3.8E-008	5.5E-009	--	4.4E-008	alpha-BHC	NA	--	--	--	--
			alpha-chlordane	6.5E-009	2.3E-010	--	6.7E-009	alpha-chlordane	Liver	0.00039	0.000035	--	0.00043
			Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	23	4.7	2.2	30
			Aroclor 1260	--	--	--	--	Aroclor 1260	Eye/Immune	0.0094	0.0019	0.00087	0.012
			Dieldrin	2.1E-005	8.1E-007	--	2.2E-005	Dieldrin	Liver	0.28	--	--	0.28
			Endrin aldehyde	--	--	--	--	Endrin aldehyde	Liver	0.01	--	--	0.01
			gamma-Chlordane	9.1E-009	3.0E-012	2.4E-010	9.3E-009	gamma-Chlordane	Liver	0.00055	0.0000005	0.000014	0.00056
			Heptachlor	1.5E-007	5.3E-009	--	1.5E-007	Heptachlor	Liver	0.0007	--	--	0.0007
			Heptachlor epoxide	4.9E-006	7.9E-008	--	5.0E-006	Heptachlor epoxide	Liver	0.44	--	--	0.44
			Dioxin-like PCBs	4.5E-002	1.5E-005	9.1E-004	4.6E-002	Dioxin-like PCBs	NA	--	--	--	--
			Nondioxin-like PCBs	5.1E-003	2.0E-004	4.7E-004	5.8E-003	Nondioxin-like PCBs	NA	--	--	--	--

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TABLE 9.6.CT

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

CENTRAL TENDENCY EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
			Total PCBs	1.5E-004	6.0E-006	1.4E-005	1.7E-004	Total PCBs	NA	--	--	--	--
			Aluminum	--	--	--	--	Aluminum	CNS	0.024	0.0055	--	0.03
			Antimony	--	--	--	--	Antimony	Longevity	0.015	--	--	0.015
			Arsenic	3.9E-006	1.3E-008	7.7E-008	4.0E-006	Arsenic	Skin	0.091	--	0.0018	0.093
			Barium	--	--	--	--	Barium	NOAEL	0.0047	0.00075	--	0.0055
			Cadmium	--	6.7E-009	--	6.7E-009	Cadmium	Kidney	0.034	0.0002	0.00091	0.035
			Chromium	--	--	--	--	Chromium	NA	0.013	--	--	0.013
			Cyanide	--	--	--	--	Cyanide	Body Weight	0.000038	--	--	0.000038
			Iron	--	--	--	--	Iron	Liver	0.098	--	--	0.098
			Lead	--	--	--	--	Lead	CNS	--	--	--	--
			Manganese	--	--	--	--	Manganese	CNS	0.028	0.015	--	0.043
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.018	--	--	0.018
			Vanadium	--	--	--	--	Vanadium	NOAEL	0.0067	--	--	0.0067
			(Total) (1)	2.8E-004	7.0E-006	1.6E-005	3.0E-004	(Total)		24	4.7	2.2	31
			Total Risk Across All Media and All Exposure Routes (1)				3.0E-004	Total Hazard Index Across All Media and All Exposure Routes					31

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 5.2E-002

Total Blood HI =	0.018
Total Liver HI =	0.83
Total Erythrocytes HI =	0.0014
Total Kidney HI =	0.035
Total Eye/Immune HI =	30
Total CNS HI =	0.073
Total Longevity HI =	0.015
Total Skin HI =	0.093
Total Body Weight HI =	0.000038

Notes

(1) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table. These are not evaluated for non-carcinogenic effects

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TABLE 9.7.RME

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

REASONABLE MAXIMUM EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe Current/ Future
Receptor Population Site Worker (Indoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Building Dust	Building Dust	Building Interior	Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	51	--	94	150
			Aluminum	--	--	--	--	Aluminum	CNS	0.0082	--	--	0.0082
			Antimony	--	--	--	--	Antimony	Longevity	0.089	--	--	0.089
			Arsenic	5.1E-006	--	2.0E-006	7.1E-006	Arsenic	Skin	0.031	--	0.012	0.043
			Barium	--	--	--	--	Barium	NOAEL	0.025	--	--	0.025
			Cadmium	--	--	--	--	Cadmium	Kidney	0.057	--	0.03	0.087
			Chromium	--	--	--	--	Chromium	NA	0.069	--	--	0.069
			Copper	--	--	--	--	Copper	Gastro-intestine	0.12	--	--	0.12
			Iron	--	--	--	--	Iron	Liver	0.22	--	--	0.22
			Lead	--	--	--	--	Lead	CNS	--	--	--	--
			Manganese	--	--	--	--	Manganese	CNS	0.018	--	--	0.018
			Mercury	--	--	--	--	Mercury	Autoimmune	0.0082	--	--	0.0082
			Nickel	--	--	--	--	Nickel	Body Weight	0.0038	--	--	0.0038
			Silver	--	--	--	--	Silver	Skin	0.0022	--	--	0.0022
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.043	--	--	0.043
			Vanadium	--	--	--	--	Vanadium	NOAEL	0.0064	--	--	0.0064
			Zinc	--	--	--	--	Zinc	Blood Chemistry	0.012	--	--	0.012
			(Total)	5.1E-006	0.0E+000	2.0E-006	7.1E-006	(Total)		52	0	94	150
Site Soils	Air	Indoor Air - Area A	Benzene	--	8.7E-009	--	8.7E-009	Benzene	Blood	--	0.0005208	--	0.00052
			Trichloroethene	--	4.7E-006	--	4.7E-006	Trichloroethene	Liver	--	0.0028984	--	0.0029
			(Total)	--	4.7E-006	--	4.7E-006	(Total)		--	0.0034	--	0.0034
			Total Risk Across All Media and All Exposure Routes				1.2E-005	Total Hazard Index Across All Media and All Exposure Routes					150

Total Eye/Immune HI =	150
Total CNS HI =	0.026
Total Longevity HI =	0.089
Total Skin HI =	0.045
Total Kidney HI =	0.087
Total Gastro-intestine HI =	0.12
Total Liver HI =	0.22
Total Body Weight HI =	0.0038
Total Blood Chemistry HI =	0.056

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TABLE 9.7.CT
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current/ Future
Receptor Population: Site Worker (Indoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Building Dust	Building Dust	Building Interior	Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	44	--	8.2	52
			Aluminum	--	--	--	--	Aluminum	CNS	0.0072	--	--	0.0072
			Antimony	--	--	--	--	Antimony	Longevity	0.078	--	--	0.078
			Arsenic	1.2E-006	--	4.6E-008	1.2E-006	Arsenic	Skin	0.028	--	0.0011	0.029
			Barium	--	--	--	--	Barium	NOAEL	0.022	--	--	0.022
			Cadmium	--	--	--	--	Cadmium	Kidney	0.05	--	0.0026	0.053
			Chromium	--	--	--	--	Chromium	NA	0.06	--	--	0.06
			Copper	--	--	--	--	Copper	Gastro-intestine	0.1	--	--	0.1
			Iron	--	--	--	--	Iron	Liver	0.19	--	--	0.19
			Lead	--	--	--	--	Lead	CNS	--	--	--	--
			Manganese	--	--	--	--	Manganese	CNS	0.016	--	--	0.016
			Mercury	--	--	--	--	Mercury	Autoimmune	0.0071	--	--	0.0071
			Nickel	--	--	--	--	Nickel	Body Weight	0.0033	--	--	0.0033
			Silver	--	--	--	--	Silver	Skin	0.0019	--	--	0.0019
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.038	--	--	0.038
			Vanadium	--	--	--	--	Vanadium	NOAEL	0.0056	--	--	0.0056
			Zinc	--	--	--	--	Zinc	Blood Chemistry	0.01	--	--	0.01
			(Total)	1.2E-006	--	4.6E-008	1.2E-006	(Total)		45	--	8.2	53
Site Soils	Air	Indoor Air - Area A	Benzene	--	2.0E-009	--	2.0E-009	Benzene	Blood	--	0.00046	--	0.00046
			Trichloroethene	--	1.1E-006	--	1.1E-006	Trichloroethene	Liver	--	0.0025	--	0.0025
			(Total)	--	1.1E-006	--	1.1E-006	(Total)		--	0.003	--	0.003
			Total Risk Across All Media and All Exposure Routes				2.3E-006	Total Hazard Index Across All Media and All Exposure Routes					53

Total Eye/Immune HI =	52
Total CNS HI =	0.023
Total Longevity HI =	0.078
Total Skin HI =	0.031
Total Kidney HI =	0.053
Total Gastro-intestine HI =	0.1
Total Liver HI =	0.19
Total Body Weight HI =	0.0033
Total Blood Chemistry HI =	0.048

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TABLE 9.8 RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current/ Future
Receptor Population: Site Worker (Indoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Building Dust	Building Dust	Building Interior	Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	51	--	94	150
			Aluminum	--	--	--	--	Aluminum	CNS	0.0082	--	--	0.0082
			Antimony	--	--	--	--	Antimony	Longevity	0.089	--	--	0.089
			Arsenic	5.1E-006	--	2.0E-006	7.1E-006	Arsenic	Skin	0.031	--	0.012	0.043
			Barium	--	--	--	--	Barium	NOAEL	0.025	--	--	0.025
			Cadmium	--	--	--	--	Cadmium	Kidney	0.057	--	0.03	0.087
			Chromium	--	--	--	--	Chromium	NA	0.069	--	--	0.069
			Copper	--	--	--	--	Copper	Gastro-intestine	0.12	--	--	0.12
			Iron	--	--	--	--	Iron	Liver	0.22	--	--	0.22
			Lead	--	--	--	--	Lead	CNS	--	--	--	--
			Manganese	--	--	--	--	Manganese	CNS	0.018	--	--	0.018
			Mercury	--	--	--	--	Mercury	Autoimmune	0.0082	--	--	0.0082
			Nickel	--	--	--	--	Nickel	Body Weight	0.0038	--	--	0.0038
			Silver	--	--	--	--	Silver	Skin	0.0022	--	--	0.0022
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.043	--	--	0.043
			Vanadium	--	--	--	--	Vanadium	NOAEL	0.0064	--	--	0.0064
			Zinc	--	--	--	--	Zinc	Blood Chemistry	0.012	--	--	0.012
			(Total)	5.1E-006	0.0E+000	2.0E-006	7.1E-006	(Total)		52	0	94	150
Site Soils	Air	Indoor Air - Area B	1,1-Dichloroethylene	--	1.4E-005	--	1.4E-005	1,1-Dichloroethylene	Liver	--	--	--	--
			1,3-Dichlorobenzene	--	--	--	--	1,3-Dichlorobenzene	Liver	--	--	--	--
			Benzene	--	2.2E-006	--	2.2E-006	Benzene	Blood	--	--	--	--
			cis-1,2-Dichloroethene	--	--	--	--	cis-1,2-Dichloroethene	Blood	--	--	--	--
			Tetrachloroethylene	--	4.8E-006	--	4.8E-006	Tetrachloroethylene	Liver	--	0.011	--	0.011
			Trichloroethene	--	9.9E-004	--	9.9E-004	Trichloroethene	Liver	--	0.61	--	0.61
			Vinyl chloride	--	8.2E-006	--	8.2E-006	Vinyl chloride	Liver	--	0.052	--	0.052
			(Total)	--	1.0E-003	--	1.0E-003	(Total)		--	0.67	--	0.67
			Total Risk Across All Media and All Exposure Routes				1.0E-003	Total Hazard Index Across All Media and All Exposure Routes					150

Total Eye/Immune HI =	150
Total CNS HI =	0.026
Total Longevity HI =	0.089
Total Skin HI =	0.045
Total Kidney HI =	0.087
Total Gastro-intestine HI =	0.12
Total Liver HI =	0.89
Total Body Weight HI =	0.0038
Total Blood Chemistry HI =	0.055

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TABLE 9.8.CT
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current/ Future
Receptor Population: Site Worker (Indoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Building Dust	Building Dust	Building Interior	Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	44	--	8.2	52
			Aluminum	--	--	--	--	Aluminum	CNS	0.0072	--	--	0.0072
			Antimony	--	--	--	--	Antimony	Longevity	0.078	--	--	0.078
			Arsenic	1.2E-006	--	4.6E-008	1.2E-006	Arsenic	Skin	0.028	--	0.0011	0.029
			Barium	--	--	--	--	Barium	NOAEL	0.022	--	--	0.022
			Cadmium	--	--	--	--	Cadmium	Kidney	0.05	--	0.0026	0.053
			Chromium	--	--	--	--	Chromium	NA	0.06	--	--	0.06
			Copper	--	--	--	--	Copper	Gastro-intestine	0.1	--	--	0.1
			Iron	--	--	--	--	Iron	Liver	0.19	--	--	0.19
			Lead	--	--	--	--	Lead	CNS	--	--	--	--
			Manganese	--	--	--	--	Manganese	CNS	0.016	--	--	0.016
			Mercury	--	--	--	--	Mercury	Autoimmune	0.0071	--	--	0.0071
			Nickel	--	--	--	--	Nickel	Body Weight	0.0033	--	--	0.0033
			Silver	--	--	--	--	Silver	Skin	0.0019	--	--	0.0019
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.038	--	--	0.038
			Vanadium	--	--	--	--	Vanadium	NOAEL	0.0056	--	--	0.0056
			Zinc	--	--	--	--	Zinc	Blood Chemistry	0.01	--	--	0.01
			(Total)	1.2E-006	--	4.6E-008	1.2E-006	(Total)		45	--	8.2	53
Site Soils	Air	Indoor Air - Area B	1,1-Dichloroethylene	--	3.2E-006	--	3.2E-006	1,1-Dichloroethylene	Liver	--	--	--	--
			1,3-Dichlorobenzene	--	--	--	--	1,3-Dichlorobenzene	Liver	--	--	--	--
			Benzene	--	5.0E-007	--	5.0E-007	Benzene	Blood	--	0.11	--	0.11
			cis-1,2-Dichloroethene	--	--	--	--	cis-1,2-Dichloroethene	Blood	--	--	--	--
			Tetrachloroethylene	--	1.1E-006	--	1.1E-006	Tetrachloroethylene	Liver	--	0.0097	--	0.0097
			Trichloroethene	--	2.3E-004	--	2.3E-004	Trichloroethene	Liver	--	0.53	--	0.53
			Vinyl chloride	--	1.9E-006	--	1.9E-006	Vinyl chloride	Liver	--	0.046	--	0.046
			(Total)	--	2.4E-004	--	2.4E-004	(Total)		--	0.7	--	0.7
			Total Risk Across All Media and All Exposure Routes				2.4E-004	Total Hazard Index Across All Media and All Exposure Routes					54

Total Eye/Immune HI =	52
Total CNS HI =	0.023
Total Longevity HI =	0.078
Total Skin HI =	0.031
Total Kidney HI =	0.053
Total Gastro-intestine HI =	0.1
Total Liver HI =	0.78
Total Body Weight HI =	0.0033
Total Blood Chemistry HI =	0.16

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TABLE 9.9 RME

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

REASONABLE MAXIMUM EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe Future
Receptor Population Trespasser
Receptor Age Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area A with Outliers	Benzene	3.8E-012	1.3E-011	--	1.6E-011	Benzene	Blood	0.0000002	0.0000021	--	0.0000023
			Trichloroethene	1.1E-009	5.8E-009	--	6.9E-009	Trichloroethene	Liver	0.000072	0.0000098	--	0.000082
			2-Methylnaphthalene	--	--	--	--	2-Methylnaphthalene	Erythrocytes	0.000023	0.00015	0.000029	0.0002
			Benzo(a)anthracene	8.1E-008	6.0E-011	1.0E-007	1.8E-007	Benzo(a)anthracene	NA	--	--	--	--
			Benzo(a)pyrene	6.5E-007	2.0E-010	8.1E-007	1.5E-006	Benzo(a)pyrene	NA	--	--	--	--
			Benzo(b)fluoranthene	6.0E-008	8.9E-011	7.5E-008	1.4E-007	Benzo(b)fluoranthene	NA	--	--	--	--
			Benzo(k)fluoranthene	8.1E-009	1.6E-012	1.0E-008	1.8E-008	Benzo(k)fluoranthene	NA	--	--	--	--
			Dibenz(a,h)anthracene	2.7E-007	2.5E-011	3.3E-007	6.0E-007	Dibenz(a,h)anthracene	NA	--	--	--	--
			Indeno(1,2,3-cd)pyrene	4.1E-008	5.8E-012	5.1E-008	9.1E-008	Indeno(1,2,3-cd)pyrene	NA	--	--	--	--
			4,4'-DDE	4.7E-008	--	--	4.7E-008	4,4'-DDE	NA	--	--	--	--
			Aldrin	2.8E-006	6.6E-009	--	2.8E-006	Aldrin	Liver	0.043	--	--	0.043
			alpha-BHC	7.0E-008	2.0E-009	--	7.2E-008	alpha-BHC	NA	--	--	--	--
			alpha-chlordane	3.4E-009	2.4E-011	--	3.4E-009	alpha-chlordane	Liver	0.00015	0.0000026	--	0.00015
			Aroclor 1242	--	--	--	--	Aroclor 1242	Fetus	0.074	0.0018	0.098	0.17
			Aroclor 1248	--	--	--	--	Aroclor 1248	Eye/Immune	1.7	0.04	2.2	3.9
			Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	2.9	0.07	3.9	6.9
			Dieldrin	3.2E-006	2.4E-008	--	3.2E-006	Dieldrin	Liver	0.031	--	--	0.031
			Endosulfan sulfate	--	--	--	--	Endosulfan sulfate	Liver	0.00057	--	--	0.00057
			Endrin	--	--	--	--	Endrin	Liver	0.0032	--	--	0.0032
			Heptachlor	5.6E-007	4.0E-009	--	5.6E-007	Heptachlor	Liver	0.0019	--	--	0.0019
			Heptachlor epoxide	5.7E-007	1.8E-009	--	5.7E-007	Heptachlor epoxide	Liver	0.038	--	--	0.038
			Total PCBs	2.1E-005	1.0E-007	2.8E-005	5.0E-005	Total PCBs	NA	--	--	--	--
			Aluminum	--	--	--	--	Aluminum	CNS	0.0073	0.0002	--	0.0075
			Antimony	--	--	--	--	Antimony	Longevity	0.0043	--	--	0.0043
			Arsenic	2.2E-006	8.6E-010	6.2E-007	2.8E-006	Arsenic	Skin	0.038	--	0.011	0.049
			Barium	--	--	--	--	Barium	NOAEL	0.0022	0.000043	--	0.0022
			Cadmium	--	2.2E-010	--	2.2E-010	Cadmium	Kidney	0.0069	0.0000047	0.0026	0.0095
			Chromium	--	--	--	--	Chromium	NA	0.0044	--	--	0.0044
			Copper	--	--	--	--	Copper	Gastro-intestine	0.0045	--	--	0.0045
			Iron	--	--	--	--	Iron	Liver	0.046	--	--	0.046
			Lead	--	--	--	--	Lead	CNS	--	--	--	--

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TABLE 9.9.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
			Manganese	--	--	--	--	Manganese	CNS	0.019	0.0012	--	0.02
			Mercury	--	--	--	--	Mercury	Autoimmune	0.0013	--	--	0.0013
			Nickel	--	--	--	--	Nickel	Body Weight	0.0014	--	--	0.0014
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.019	--	--	0.019
			Vanadium	--	--	--	--	Vanadium	NOAEL	0.003	--	--	0.003
			Cyanide	--	--	--	--	Cyanide	Body Weight	0.000014	--	--	0.000014
			(TOTAL)	3.2E-005	1.5E-007	3.0E-005	6.2E-005	(TOTAL)		4.9	0.11	6.2	11
			Total Risk Across All Media and All Exposure Routes				6.2E-005	Total Hazard Index Across All Media and All Exposure Routes					11

Total Eye/Immune HI =	11
Total Liver HI =	0.16
Total Erythrocytes HI =	0.0002
Total Blood HI =	0.019
Total Fetus HI =	0.17
Total CNS HI =	0.028
Total Longevity HI =	0.0043
Total Skin HI =	0.049
Total Kidney HI =	0.0095
Total Gastro-intestine HI =	0.0045
Total Body Weight HI =	0.0014

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TABLE 9.9.CT

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

CENTRAL TENDENCY EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area A with outliers	Benzene	9.5E-013	2.6E-012	--	3.6E-012	Benzene	Blood	4.5E-008	0.00000044	--	0.00000049
			Trichloroethene	2.8E-010	1.2E-009	--	1.5E-009	Trichloroethene	Liver	0.000018	0.000002	--	0.00002
			2-Methylnaphthalene	--	--	--	--	2-Methylnaphthalene	Erythrocytes	0.0000058	0.000032	0.0000029	0.000041
			Benzo(a)anthracene	2.0E-008	1.3E-011	1.0E-008	3.0E-008	Benzo(a)anthracene	NA	--	--	--	--
			Benzo(a)pyrene	1.6E-007	4.3E-011	8.1E-008	2.4E-007	Benzo(a)pyrene	NA	--	--	--	--
			Benzo(b)fluoranthene	1.5E-008	1.8E-011	7.5E-009	2.3E-008	Benzo(b)fluoranthene	NA	--	--	--	--
			Benzo(k)fluoranthene	2.0E-009	3.4E-013	1.0E-009	3.0E-009	Benzo(k)fluoranthene	NA	--	--	--	--
			Dibenz(a,h)anthracene	6.7E-008	5.2E-012	3.3E-008	1.0E-007	Dibenz(a,h)anthracene	NA	--	--	--	--
			Indeno(1,2,3-cd)pyrene	1.0E-008	1.2E-012	5.1E-009	1.5E-008	Indeno(1,2,3-cd)pyrene	NA	--	--	--	--
			4,4'-DDE	1.2E-008	--	--	1.2E-008	4,4'-DDE	NA	--	--	--	--
			Aldrin	7.0E-007	1.4E-009	--	7.1E-007	Aldrin	Liver	0.011	--	--	0.011
			alpha-BHC	1.7E-008	4.2E-010	--	1.8E-008	alpha-BHC	NA	--	--	--	--
			alpha-chlordane	8.5E-010	5.0E-012	--	8.5E-010	alpha-chlordane	Liver	0.000038	0.00000055	--	0.000039
			Aroclor 1242	--	--	--	--	Aroclor 1242	Fetus	0.018	0.00037	0.0098	0.028
			Aroclor 1248	--	--	--	--	Aroclor 1248	Eye/Immune	0.42	0.0084	0.22	0.65
			Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	0.72	0.014	0.39	1.1
			Dieldrin	8.0E-007	5.0E-009	--	8.1E-007	Dieldrin	Liver	0.0078	--	--	0.0078
			Endosulfan sulfate	--	--	--	--	Endosulfan sulfate	Liver	0.00014	--	--	0.00014
			Endrin	--	--	--	--	Endrin	Liver	0.0008	--	--	0.0008
			Heptachlor	1.4E-007	8.3E-010	--	1.4E-007	Heptachlor	Liver	0.00048	--	--	0.00048
			Heptachlor epoxide	1.4E-007	3.8E-010	--	1.4E-007	Heptachlor epoxide	Liver	0.0094	--	--	0.0094
			Total PCBs	5.3E-006	2.1E-008	2.8E-006	8.2E-006	Total PCBs	NA	--	--	--	--
			Aluminum	--	--	--	--	Aluminum	CNS	0.0018	0.000042	--	0.0018
			Antimony	--	--	--	--	Antimony	Longevity	0.0011	--	--	0.0011
			Arsenic	5.4E-007	1.8E-010	6.2E-008	6.1E-007	Arsenic	Skin	0.0094	--	0.0011	0.011
			Barium	--	--	--	--	Barium	NOAEL	0.00056	0.000009	--	0.00057
			Cadmium	--	4.5E-011	--	4.5E-011	Cadmium	Kidney	0.0017	0.00000098	0.00026	0.002
			Chromium	--	--	--	--	Chromium	NA	0.0011	--	--	0.0011
			Copper	--	--	--	--	Copper	Gastro-intestine	0.0011	--	--	0.0011
			Iron	--	--	--	--	Iron	Liver	0.012	--	--	0.012
			Lead	--	--	--	--	Lead	CNS	--	--	--	--

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TABLE 9.9.CT

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

CENTRAL TENDENCY EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
			Manganese	--	--	--	--	Manganese	CNS	0.0047	0.00024	--	0.0049
			Mercury	--	--	--	--	Mercury	Autoimmune	0.00033	--	--	0.00033
			Nickel	--	--	--	--	Nickel	Body Weight	0.00036	--	--	0.00036
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.0047	--	--	0.0047
			Vanadium	--	--	--	--	Vanadium	NOAEL	0.00075	--	--	0.00075
			Cyanide	--	--	--	--	Cyanide	Body Weight	0.0000034	--	--	0.0000034
			(TOTAL)	8.0E-006	3.1E-008	3.0E-006	1.1E-005	(TOTAL)		1.2	0.023	0.62	1.8
			Total Risk Across All Media and All Exposure Routes				1.1E-005	Total Hazard Index Across All Media and All Exposure Routes					1.8

Total Eye/Immune HI =	1.8
Total Liver HI =	0.042
Total Erythrocytes HI =	0.000041
Total Blood HI =	0.0047
Total Fetus HI =	0.028
Total CNS HI =	0.0067
Total Longevity HI =	0.0011
Total Skin HI =	0.011
Total Kidney HI =	0.002
Total Gastro-intestine HI =	0.0011
Total Body Weight HI =	0.00036

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TABLE 9.10.RME

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

REASONABLE MAXIMUM EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area A without Outliers	Benzene	3.8E-012	1.3E-011	--	1.6E-011	Benzene	Blood	0.0000002	0.0000021	--	0.0000023
			Trichloroethene	7.5E-010	3.9E-009	--	4.6E-009	Trichloroethene	Liver	0.000048	0.0000066	--	0.000055
			2-Methylnaphthalene	--	--	--	--	2-Methylnaphthalene	Erythrocytes	0.000023	0.00015	0.000029	0.0002
			Benzo(a)anthracene	4.0E-008	3.0E-011	5.0E-008	9.0E-008	Benzo(a)anthracene	NA	--	--	--	--
			Benzo(a)pyrene	4.3E-007	1.3E-010	5.3E-007	9.6E-007	Benzo(a)pyrene	NA	--	--	--	--
			Benzo(b)fluoranthene	6.0E-008	8.9E-011	7.5E-008	1.4E-007	Benzo(b)fluoranthene	NA	--	--	--	--
			Benzo(k)fluoranthene	3.6E-009	7.3E-013	4.4E-009	8.0E-009	Benzo(k)fluoranthene	NA	--	--	--	--
			Dibenz(a,h)anthracene	2.7E-007	2.5E-011	3.3E-007	6.0E-007	Dibenz(a,h)anthracene	NA	--	--	--	--
			Indeno(1,2,3-cd)pyrene	3.3E-008	4.7E-012	4.1E-008	7.3E-008	Indeno(1,2,3-cd)pyrene	NA	--	--	--	--
			4,4'-DDE	4.7E-008	--	--	4.7E-008	4,4'-DDE	NA	--	--	--	--
			Aldrin	1.5E-006	3.6E-009	--	1.5E-006	Aldrin	Liver	0.023	--	--	0.023
			alpha-BHC	7.0E-008	2.0E-009	--	7.2E-008	alpha-BHC	NA	--	--	--	--
			alpha-chlordane	3.4E-009	2.4E-011	--	3.4E-009	alpha-chlordane	Liver	0.00015	0.0000026	--	0.00015
			Aroclor 1242	--	--	--	--	Aroclor 1242	Fetus	0.032	0.00077	0.043	0.076
			Aroclor 1248	--	--	--	--	Aroclor 1248	Eye/Immune	0.3	0.0071	0.39	0.7
			Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	2.1	0.052	2.9	5.1
			Dieldrin	2.9E-007	2.2E-009	--	2.9E-007	Dieldrin	Liver	0.0028	--	--	0.0028
			Endosulfan sulfate	--	--	--	--	Endosulfan sulfate	Liver	0.00057	--	--	0.00057
			Endrin	--	--	--	--	Endrin	Liver	0.00077	--	--	0.00077
			Heptachlor	3.7E-008	2.7E-010	--	3.8E-008	Heptachlor	Liver	0.00013	--	--	0.00013
			Heptachlor epoxide	5.7E-007	1.8E-009	--	5.7E-007	Heptachlor epoxide	Liver	0.038	--	--	0.038
			Total PCBs	1.7E-005	8.1E-008	2.2E-005	3.9E-005	Total PCBs	NA	--	--	--	--
			Aluminum	--	--	--	--	Aluminum	CNS	0.0065	0.00018	--	0.0067
			Antimony	--	--	--	--	Antimony	Longevity	0.0043	--	--	0.0043
			Arsenic	2.2E-006	8.6E-010	6.2E-007	2.8E-006	Arsenic	Skin	0.038	--	0.011	0.049
			Barium	--	--	--	--	Barium	NOAEL	0.0022	0.000043	--	0.0022
			Cadmium	--	1.3E-010	--	1.3E-010	Cadmium	Kidney	0.0041	0.0000028	0.0016	0.0057
			Chromium	--	--	--	--	Chromium	NA	0.0045	--	--	0.0045
			Copper	--	--	--	--	Copper	Gastro-intestine	0.0045	--	--	0.0045
			Iron	--	--	--	--	Iron	Liver	0.046	--	--	0.046
			Lead	--	--	--	--	Lead	CNS	--	--	--	--

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TABLE 9.10 RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
			Manganese	--	--	--	--	Manganese	CNS	0.019	0.0012	--	0.02
			Mercury	--	--	--	--	Mercury	Autoimmune	0.00038	--	--	0.00038
			Nickel	--	--	--	--	Nickel	Body Weight	0.0011	--	--	0.0011
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.019	--	--	0.019
			Vanadium	--	--	--	--	Vanadium	NOAEL	0.0021	--	--	0.0021
			Cyanide	--	--	--	--	Cyanide	Body Weight	0.0000054	--	--	0.0000054
			(Total)	2.2E-005	9.6E-008	2.4E-005	4.7E-005	(Total)		2.6	0.061	3.3	6.1
			Total Risk Across All Media and All Exposure Routes				4.7E-005	Total Hazard Index Across All Media and All Exposure Routes					6.1

Total Eye/Immune HI =	5.8
Total Liver HI =	0.11
Total Erythrocytes HI =	0.0002
Total Blood HI =	0.019
Total Fetus HI =	0.076
Total CNS HI =	0.027
Total Longevity HI =	0.0043
Total Skin HI =	0.049
Total Kidney HI =	0.0057
Total Gastro-intestine HI =	0.0045
Total Body Weight HI =	0.0011

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TABLE 9 10.CT

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

CENTRAL TENDENCY EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe Future
Receptor Population Trespasser
Receptor Age Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area A without outliers	Benzene	9.5E-013	2.6E-012	--	3.6E-012	Benzene	Blood	4.5E-008	0.00000044	--	0.00000049
			Trichloroethene	1.9E-010	8.1E-010	--	1.0E-009	Trichloroethene	Liver	0.000012	0.0000014	--	0.000013
			2-Methylnaphthalene	--	--	--	--	2-Methylnaphthalene	Erythrocytes	0.0000058	0.000032	0.0000029	0.000041
			Benzo(a)anthracene	1.0E-008	6.3E-012	5.0E-009	1.5E-008	Benzo(a)anthracene	NA	--	--	--	--
			Benzo(a)pyrene	1.1E-007	2.8E-011	5.3E-008	1.6E-007	Benzo(a)pyrene	NA	--	--	--	--
			Benzo(b)fluoranthene	1.5E-008	1.8E-011	7.5E-009	2.3E-008	Benzo(b)fluoranthene	NA	--	--	--	--
			Benzo(k)fluoranthene	8.9E-010	1.5E-013	4.4E-010	1.3E-009	Benzo(k)fluoranthene	NA	--	--	--	--
			Dibenz(a,h)anthracene	6.7E-008	5.2E-012	3.3E-008	1.0E-007	Dibenz(a,h)anthracene	NA	--	--	--	--
			Indeno(1,2,3-cd)pyrene	8.2E-009	9.8E-013	4.1E-009	1.2E-008	Indeno(1,2,3-cd)pyrene	NA	--	--	--	--
			4,4'-DDE	1.2E-008	--	--	1.2E-008	4,4'-DDE	NA	--	--	--	--
			Aldrin	3.8E-007	7.5E-010	--	3.8E-007	Aldrin	Liver	0.0058	--	--	0.0058
			alpha-BHC	1.7E-008	4.2E-010	--	1.8E-008	alpha-BHC	NA	--	--	--	--
			alpha-chlordane	8.5E-010	5.0E-012	--	8.5E-010	alpha-chlordane	Liver	0.000038	0.00000055	--	0.000039
			Aroclor 1242	--	--	--	--	Aroclor 1242	Fetus	0.008	0.00016	0.0043	0.012
			Aroclor 1248	--	--	--	--	Aroclor 1248	Eye/Immune	0.074	0.0015	0.039	0.11
			Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	0.54	0.011	0.29	0.84
			Dieldrin	7.2E-008	4.5E-010	--	7.2E-008	Dieldrin	Liver	0.0007	--	--	0.0007
			Endosulfan sulfate	--	--	--	--	Endosulfan sulfate	Liver	0.00014	--	--	0.00014
			Endrin	--	--	--	--	Endrin	Liver	0.00019	--	--	0.00019
			Heptachlor	9.3E-009	5.5E-011	--	9.4E-009	Heptachlor	Liver	0.000032	--	--	0.000032
			Heptachlor epoxide	1.4E-007	3.8E-010	--	1.4E-007	Heptachlor epoxide	Liver	0.0094	--	--	0.0094
			Total PCBs	4.2E-006	1.7E-008	2.2E-006	6.5E-006	Total PCBs	NA	--	--	--	--
			Aluminum	--	--	--	--	Aluminum	CNS	0.0016	0.000037	--	0.0016
			Antimony	--	--	--	--	Antimony	Longevity	0.0011	--	--	0.0011
			Arsenic	5.4E-007	1.8E-010	6.2E-008	6.1E-007	Arsenic	Skin	0.0094	--	0.0011	0.011
			Barium	--	--	--	--	Barium	NOAEL	0.00056	0.000009	--	0.00057
			Cadmium	--	2.7E-011	--	2.7E-011	Cadmium	Kidney	0.001	0.00000058	0.00016	0.0012
			Chromium	--	--	--	--	Chromium	NA	0.0011	--	--	0.0011
			Copper	--	--	--	--	Copper	Gastro-intestine	0.0011	--	--	0.0011
			Iron	--	--	--	--	Iron	Liver	0.012	--	--	0.012
			Lead	--	--	--	--	Lead	CNS	--	--	--	--

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TABLE 9.10.CT
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
			Manganese	--	--	--	--	Manganese	CNS	0.0047	0.00024	--	0.0049
			Mercury	--	--	--	--	Mercury	Autoimmune	0.000094	--	--	0.000094
			Nickel	--	--	--	--	Nickel	Body Weight	0.00028	--	--	0.00028
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.0047	--	--	0.0047
			Vanadium	--	--	--	--	Vanadium	NOAEL	0.00054	--	--	0.00054
			Cyanide	--	--	--	--	Cyanide	Body Weight	0.0000013	--	--	0.0000013
			(Total)	5.6E-006	2.0E-008	2.4E-006	8.0E-006	(Total)		0.68	0.013	0.33	1
			Total Risk Across All Media and All Exposure Routes				8.0E-006	Total Hazard Index Across All Media and All Exposure Routes					1

Total Eye/Immune HI =	0.95
Total Liver HI =	0.028
Total Erythrocytes HI =	0.000041
Total Blood HI =	0.0047
Total Fetus HI =	0.012
Total CNS HI =	0.0065
Total Longevity HI =	0.0011
Total Skin HI =	0.011
Total Kidney HI =	0.0012
Total Gastro-intestine HI =	0.0011
Total Body Weight HI =	0.00028

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TABLE 9.11 RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area B with Outliers	1,1-Dichloroethylene	3.3E-009	1.4E-008	--	1.7E-008	1,1-Dichloroethylene	Liver	0.0000048	--	--	0.0000048
			1,3-Dichlorobenzene	--	--	--	--	1,3-Dichlorobenzene	Liver	0.00029	--	--	0.00029
			Benzene	9.5E-010	3.2E-009	--	4.1E-009	Benzene	Blood	0.000045	0.00053	--	0.00058
			cis-1,2-Dichloroethene	--	--	--	--	cis-1,2-Dichloroethene	Blood	0.00038	--	--	0.00038
			Tetrachloroethylene	3.3E-009	4.6E-009	--	7.9E-009	Tetrachloroethylene	Liver	0.000049	0.000029	--	0.000078
			Trichloroethene	2.3E-007	1.2E-006	--	1.4E-006	Trichloroethene	Liver	0.015	0.0021	--	0.017
			Vinyl chloride	2.1E-008	1.2E-008	--	3.3E-008	Vinyl chloride	Liver	0.000075	0.00021	--	0.00029
			2-Methylnaphthalene	--	--	--	--	2-Methylnaphthalene	Erythrocytes	0.0013	0.0085	0.0016	0.011
			Acenaphthene	--	--	--	--	Acenaphthene	Liver	0.0025	--	0.0031	0.0056
			Benzo(a)anthracene	5.6E-006	4.2E-009	6.9E-006	1.3E-005	Benzo(a)anthracene	NA	--	--	--	--
			Benzo(a)pyrene	4.2E-005	1.3E-008	5.2E-005	9.5E-005	Benzo(a)pyrene	NA	--	--	--	--
			Benzo(b)fluoranthene	1.4E-006	2.1E-009	1.7E-006	3.2E-006	Benzo(b)fluoranthene	NA	--	--	--	--
			Benzo(k)fluoranthene	3.2E-007	6.5E-011	3.9E-007	7.1E-007	Benzo(k)fluoranthene	NA	--	--	--	--
			Carbazole	1.4E-008	--	1.3E-008	2.7E-008	Carbazole	NA	--	--	--	--
			Chrysene	5.3E-008	1.3E-010	6.6E-008	1.2E-007	Chrysene	NA	--	--	--	--
			Dibenzofuran	--	--	--	--	Dibenzofuran	NA	--	--	--	--
			Dibenz(a,h)anthracene	7.1E-006	6.6E-010	8.7E-006	1.6E-005	Dibenz(a,h)anthracene	NA	--	--	--	--
			Fluoranthene	--	--	--	--	Fluoranthene	Liver	0.000048	--	0.00006	0.00011
			Fluorene	--	--	--	--	Fluorene	Blood	0.0026	--	0.0033	0.0059
			Indeno(1,2,3-cd)pyrene	1.8E-006	2.5E-010	2.2E-006	3.9E-006	Indeno(1,2,3-cd)pyrene	NA	--	--	--	--
			Naphthalene	--	--	--	--	Naphthalene	Erythrocytes	0.00046	0.003	0.00057	0.004
			Phenanthrene	--	--	--	--	Phenanthrene	Kidney	0.013	--	0.016	0.029
			Pyrene	--	--	--	--	Pyrene	Kidney	0.00072	--	0.00089	0.0016
			2,3,7,8-TCDD	8.3E-005	3.2E-009	2.4E-005	1.1E-004	2,3,7,8-TCDD	NA	--	--	--	--
			4,4'-DDE	2.4E-005	--	--	2.4E-005	4,4'-DDE	NA	--	--	--	--
			4,4'-DDT	5.8E-005	3.3E-008	1.7E-005	7.5E-005	4,4'-DDT	Liver	2.7	--	0.76	3.5
			Acetophenone	--	--	--	--	Acetophenone	General	0.0000041	--	--	0.0000041
			Aldrin	1.4E-004	3.3E-007	--	1.4E-004	Aldrin	Liver	2.1	--	--	2.1
			alpha-BHC	1.3E-006	3.8E-008	--	1.3E-006	alpha-BHC	NA	--	--	--	--
			alpha-chlordane	5.1E-008	3.6E-010	--	5.1E-008	alpha-chlordane	Liver	0.0023	0.00004	--	0.0023
			Aroclor 1242	--	--	--	--	Aroclor 1242	Fetus	6.2	0.15	8.3	15
			Aroclor 1248	--	--	--	--	Aroclor 1248	Eye/Immune	83	2	110	200
			Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	380	9.2	510	900
			Dieldrin	1.4E-003	1.0E-005	--	1.4E-003	Dieldrin	Liver	13	--	--	13
			Endosulfan sulfate	--	--	--	--	Endosulfan sulfate	Liver	0.036	--	--	0.036
			Endrin	--	--	--	--	Endrin	Liver	0.025	--	--	0.025
			Endrin aldehyde	--	--	--	--	Endrin aldehyde	Liver	0.33	--	--	0.33
			gamma-Chlordane	3.0E-005	1.2E-009	1.1E-005	4.1E-005	gamma-Chlordane	Liver	1.3	0.00013	0.5	1.8

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TABLE 9.11.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
			Heptachlor	2.3E-006	1.6E-008	--	2.3E-006	Heptachlor	Liver	0.0078	--	--	0.0078
			Heptachlor epoxide	9.0E-005	2.8E-007	--	9.0E-005	Heptachlor epoxide	Liver	5.9	--	--	5.9
			Dioxin-like PCBs	3.9E-002	1.5E-006	1.1E-002	5.0E-002	Dioxin-like PCBs	NA	--	--	--	--
			Nondioxin-like PCBs	4.4E-003	2.1E-005	5.8E-003	1.0E-002	Nondioxin-like PCBs	NA	--	--	--	--
			Total PCBs	2.2E-003	1.0E-005	2.9E-003	5.1E-003	Total PCBs	NA	--	--	--	--
			Aluminum	--	--	--	--	Aluminum	CNS	0.018	0.0005	--	0.019
			Antimony	--	--	--	--	Antimony	Longevity	0.0076	--	--	0.0076
			Arsenic	4.8E-006	1.9E-009	1.4E-006	6.2E-006	Arsenic	Skin	0.083	--	0.024	0.11
			Barium	--	--	--	--	Barium	NOAEL	0.0067	0.00013	--	0.0068
			Cadmium	--	5.5E-010	--	5.5E-010	Cadmium	Kidney	0.017	0.000012	0.0066	0.024
			Chromium	--	--	--	--	Chromium	NA	0.013	--	--	0.013
			Copper	--	--	--	--	Copper	Gastro-intestine	0.1	--	--	0.1
			Iron	--	--	--	--	Iron	Liver	0.084	--	--	0.084
			Lead	--	--	--	--	Lead	CNS	--	--	--	--
			Manganese	--	--	--	--	Manganese	CNS	0.018	0.0011	--	0.019
			Mercury	--	--	--	--	Mercury	Autoimmune	0.002	--	--	0.002
			Silver	--	--	--	--	Silver	Skin	0.0011	--	--	0.0011
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.0067	--	--	0.0067
			Vanadium	--	--	--	--	Vanadium	NOAEL	0.0064	--	--	0.0064
			Zinc	--	--	--	--	Zinc	Blood Chemistry	0.0034	--	--	0.0034
			Cyanide	--	--	--	--	Cyanide	Body Weight	0.00003	--	--	0.00003
			(Total) (1)	4.1E-003	2.3E-005	3.0E-003	7.1E-003	(Total)		500	11	630	1100
			Total Risk Across All Media and All Exposure Routes (1)				7.1E-003	Total Hazard Index Across All Media and All Exposure Routes					1100

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 6.0E-002

Total Blood HI =	0.017
Total Liver HI =	27
Total Erythrocytes HI =	0.015
Total Eye/Immune HI =	1100
Total Kidney HI =	0.055
Total Fetus HI =	15
Total CNS HI =	0.038
Total Longevity HI =	0.0076
Total Skin HI =	0.11
Total Gastro-intestine HI =	0.1
Total Body Weight HI =	0.00003

Notes:
(1) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table. These are not evaluated for non-carcinogenic effects.

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TABLE 9.11.CT
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area B with outliers	1,1-Dichloroethylene	8.3E-010	2.9E-009	--	3.7E-009	1,1-Dichloroethylene	Liver	0.0000012	--	--	0.0000012
			1,3-Dichlorobenzene	--	--	--	--	1,3-Dichlorobenzene	Liver	0.000072	--	--	0.000072
			Benzene	2.4E-010	6.6E-010	--	9.0E-010	Benzene	Blood	0.000011	0.00011	--	0.00012
			cis-1,2-Dichloroethene	--	--	--	--	cis-1,2-Dichloroethene	Blood	0.000095	--	--	0.000095
			Tetrachloroethylene	8.2E-010	9.6E-010	--	1.8E-009	Tetrachloroethylene	Liver	0.000012	0.0000061	--	0.000018
			Trichloroethene	5.8E-008	2.5E-007	--	3.1E-007	Trichloroethene	Liver	0.0038	0.00043	--	0.0042
			Vinyl chloride	5.2E-009	2.4E-009	--	7.6E-009	Vinyl chloride	Liver	0.000019	0.000043	--	0.000062
			2-Methylnaphthalene	--	--	--	--	2-Methylnaphthalene	Erythrocytes	0.00032	0.0018	0.00016	0.0023
			Acenaphthene	--	--	--	--	Acenaphthene	Liver	0.00062	--	0.00031	0.00093
			Benzo(a)anthracene	1.4E-006	8.7E-010	6.9E-007	2.1E-006	Benzo(a)anthracene	NA	--	--	--	--
			Benzo(a)pyrene	1.1E-005	2.7E-009	5.2E-006	1.6E-005	Benzo(a)pyrene	NA	--	--	--	--
			Benzo(b)fluoranthene	3.5E-007	4.3E-010	1.7E-007	5.3E-007	Benzo(b)fluoranthene	NA	--	--	--	--
			Benzo(k)fluoranthene	7.9E-008	1.4E-011	3.9E-008	1.2E-007	Benzo(k)fluoranthene	NA	--	--	--	--
			Carbazole	3.4E-009	--	1.3E-009	4.8E-009	Carbazole	NA	--	--	--	--
			Chrysene	1.3E-008	2.7E-011	6.6E-009	2.0E-008	Chrysene	NA	--	--	--	--
			Dibenzofuran	--	--	--	--	Dibenzofuran	NA	--	--	--	--
			Dibenz(a,h)anthracene	1.8E-006	1.4E-010	8.7E-007	2.6E-006	Dibenz(a,h)anthracene	NA	--	--	--	--
			Fluoranthene	--	--	--	--	Fluoranthene	Liver	0.000012	--	0.000006	0.000018
			Fluorene	--	--	--	--	Fluorene	Blood	0.00066	--	0.00033	0.00099
			Indeno(1,2,3-cd)pyrene	4.4E-007	5.3E-011	2.2E-007	6.6E-007	Indeno(1,2,3-cd)pyrene	NA	--	--	--	--
			Naphthalene	--	--	--	--	Naphthalene	Erythrocytes	0.00011	0.00063	0.000057	0.0008
			Phenanthrene	--	--	--	--	Phenanthrene	Kidney	0.0031	--	0.0016	0.0047
			Pyrene	--	--	--	--	Pyrene	Kidney	0.00018	--	0.000089	0.00027
			2,3,7,8-TCDD	2.1E-005	6.8E-010	2.4E-006	2.3E-005	2,3,7,8-TCDD	NA	--	--	--	--
			4,4'-DDE	6.1E-006	--	--	6.1E-006	4,4'-DDE	NA	--	--	--	--
			4,4'-DDT	1.5E-005	6.9E-009	1.7E-006	1.6E-005	4,4'-DDT	Liver	0.67	--	0.076	0.75
			Acetophenone	--	--	--	--	Acetophenone	General	0.000001	--	--	0.000001
			Aldrin	3.5E-005	6.9E-008	--	3.5E-005	Aldrin	Liver	0.54	--	--	0.54
			alpha-BHC	3.3E-007	7.9E-009	--	3.3E-007	alpha-BHC	NA	--	--	--	--
			alpha-chlordane	1.3E-008	7.4E-011	--	1.3E-008	alpha-chlordane	Liver	0.00056	0.0000083	--	0.00057
			Aroclor 1242	--	--	--	--	Aroclor 1242	Fetus	1.5	0.031	0.83	2.4
			Aroclor 1248	--	--	--	--	Aroclor 1248	Eye/Immune	21	0.42	11	32
			Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	95	1.9	51	150
			Dieldrin	3.5E-004	2.2E-006	--	3.5E-004	Dieldrin	Liver	3.4	--	--	3.4
			Endosulfan sulfate	--	--	--	--	Endosulfan sulfate	Liver	0.0089	--	--	0.0089
			Endrin	--	--	--	--	Endrin	Liver	0.0063	--	--	0.0063
			Endrin aldehyde	--	--	--	--	Endrin aldehyde	Liver	0.082	--	--	0.082
			gamma-Chlordane	7.4E-006	2.4E-010	1.1E-006	8.5E-006	gamma-Chlordane	Liver	0.33	0.000027	0.05	0.38

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TABLE 9.11.CT
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
			Heptachlor	5.7E-007	3.4E-009	--	5.7E-007	Heptachlor	Liver	0.002	--	--	0.002
			Heptachlor epoxide	2.2E-005	5.9E-008	--	2.3E-005	Heptachlor epoxide	Liver	1.5	--	--	1.5
			Dioxin-like PCBs	9.8E-003	3.2E-007	1.1E-003	1.1E-002	Dioxin-like PCBs	NA	--	--	--	--
			Nondioxin-like PCBs	1.1E-003	4.4E-006	5.8E-004	1.7E-003	Nondioxin-like PCBs	NA	--	--	--	--
			Total PCBs	5.4E-004	2.2E-006	2.9E-004	8.4E-004	Total PCBs	NA	--	--	--	--
			Aluminum	--	--	--	--	Aluminum	CNS	0.0045	0.0001	--	0.0046
			Antimony	--	--	--	--	Antimony	Longevity	0.0019	--	--	0.0019
			Arsenic	1.2E-006	3.9E-010	1.4E-007	1.3E-006	Arsenic	Skin	0.021	--	0.0024	0.023
			Barium	--	--	--	--	Barium	NOAEL	0.0017	0.000027	--	0.0017
			Cadmium	--	1.1E-010	--	1.1E-010	Cadmium	Kidney	0.0043	0.0000025	0.00066	0.005
			Chromium	--	--	--	--	Chromium	NA	0.0034	--	--	0.0034
			Copper	--	--	--	--	Copper	Gastro-intestine	0.026	--	--	0.026
			Iron	--	--	--	--	Iron	Liver	0.021	--	--	0.021
			Lead	--	--	--	--	Lead	CNS	--	--	--	--
			Manganese	--	--	--	--	Manganese	CNS	0.0045	0.00023	--	0.0047
			Mercury	--	--	--	--	Mercury	Autoimmune	0.00049	--	--	0.00049
			Silver	--	--	--	--	Silver	Skin	0.00026	--	--	0.00026
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.0017	--	--	0.0017
			Vanadium	--	--	--	--	Vanadium	NOAEL	0.0016	--	--	0.0016
			Zinc	--	--	--	--	Zinc	Blood Chemistry	0.00085	--	--	0.00085
			Cyanide	--	--	--	--	Cyanide	Body Weight	0.0000074	--	--	0.0000074
			(Total) (1)	1.0E-003	4.8E-006	3.0E-004	1.3E-003	(Total)		120	2.4	63	190
			Total Risk Across All Media and All Exposure Routes (1)				1.3E-003	Total Hazard Index Across All Media and All Exposure Routes					190

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 1.3E-002

Total Blood HI =	0.0038
Total Liver HI =	6.7
Total Erythrocytes HI =	0.0031
Total Eye/Immune HI =	180
Total Kidney HI =	0.01
Total Fetus HI =	2.4
Total Longevity HI =	0.0019
Total Skin HI =	0.023
Total Gastro-intestine HI =	0.026
Total CNS HI =	0.0093
Total Body Weight HI =	0.0000074

Notes:
(1) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table. These are not evaluated for non-carcinogenic effects.

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TABLE 9.12.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area B without Outliers	1,1-Dichloroethylene	3.3E-009	1.4E-008	--	1.7E-008	1,1-Dichloroethylene	Liver	0.0000048	--	--	0.0000048
			1,3-Dichlorobenzene	--	--	--	--	1,3-Dichlorobenzene	Liver	0.00029	--	--	0.00029
			Benzene	9.5E-010	3.2E-009	--	4.1E-009	Benzene	Blood	0.000045	0.00053	--	0.00058
			cis-1,2-Dichloroethene	--	--	--	--	cis-1,2-Dichloroethene	Blood	0.00013	--	--	0.00013
			Tetrachloroethylene	1.8E-009	2.5E-009	--	4.2E-009	Tetrachloroethylene	Liver	0.000026	0.000016	--	0.000042
			Trichloroethene	5.5E-008	2.9E-007	--	3.4E-007	Trichloroethene	Liver	0.0036	0.00049	--	0.0041
			Vinyl chloride	2.1E-008	1.2E-008	--	3.3E-008	Vinyl chloride	Liver	0.000075	0.00021	--	0.00029
			2-Methylnaphthalene	--	--	--	--	2-Methylnaphthalene	Erythrocytes	0.000072	0.00048	0.00009	0.00064
			Acenaphthene	--	--	--	--	Acenaphthene	Liver	0.0000098	--	0.000012	0.000022
			Benzo(a)anthracene	1.1E-007	8.3E-011	1.4E-007	2.5E-007	Benzo(a)anthracene	NA	--	--	--	--
			Benzo(a)pyrene	1.1E-006	3.3E-010	1.3E-006	2.4E-006	Benzo(a)pyrene	NA	--	--	--	--
			Benzo(b)fluoranthene	1.7E-007	2.5E-010	2.1E-007	3.8E-007	Benzo(b)fluoranthene	NA	--	--	--	--
			Benzo(k)fluoranthene	1.2E-008	2.5E-012	1.5E-008	2.7E-008	Benzo(k)fluoranthene	NA	--	--	--	--
			Carbazole	1.7E-009	--	1.6E-009	3.2E-009	Carbazole	NA	--	--	--	--
			Chrysene	1.6E-009	4.0E-012	2.0E-009	3.6E-009	Chrysene	NA	--	--	--	--
			Dibenzofuran	--	--	--	--	Dibenzofuran	NA	--	--	--	--
			Dibenz(a,h)anthracene	9.1E-007	8.5E-011	1.1E-006	2.0E-006	Dibenz(a,h)anthracene	NA	--	--	--	--
			Fluoranthene	--	--	--	--	Fluoranthene	Liver	0.0056	--	0.007	0.013
			Fluorene	--	--	--	--	Fluorene	Blood	0.000095	--	0.00012	0.00022
			Indeno(1,2,3-cd)pyrene	9.6E-008	1.4E-011	1.2E-007	2.1E-007	Indeno(1,2,3-cd)pyrene	NA	--	--	--	--
			Naphthalene	--	--	--	--	Naphthalene	Erythrocytes	0.000086	0.00057	0.00011	0.00077
			Phenanthrene	--	--	--	--	Phenanthrene	Kidney	0.000038	--	0.000047	0.000085
			Pyrene	--	--	--	--	Pyrene	Kidney	0.000052	--	0.000064	0.00012
			2,3,7,8-TCDD	8.3E-005	3.2E-009	2.4E-005	1.1E-004	2,3,7,8-TCDD	NA	--	--	--	--
			4,4'-DDE	4.9E-007	--	--	4.9E-007	4,4'-DDE	NA	--	--	--	--
			4,4'-DDT	2.3E-008	1.3E-011	6.5E-009	2.9E-008	4,4'-DDT	Liver	0.001	--	0.0003	0.0013
			Acetophenone	--	--	--	--	Acetophenone	General	0.0000041	--	--	0.0000041
			Aldrin	2.0E-005	4.7E-008	--	2.0E-005	Aldrin	Liver	0.3	--	--	0.3
			alpha-BHC	4.0E-007	1.1E-008	--	4.1E-007	alpha-BHC	NA	--	--	--	--
			alpha-chlordane	1.7E-008	1.2E-010	--	1.7E-008	alpha-chlordane	Liver	0.00074	0.000013	--	0.00075
			Aroclor 1242	--	--	--	--	Aroclor 1242	Fetus	0.22	0.0053	0.3	0.53
			Aroclor 1248	--	--	--	--	Aroclor 1248	Eye/Immune	12	0.29	16	28
			Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	47	1.1	63	110
			Dieldrin	3.4E-005	2.6E-007	--	3.4E-005	Dieldrin	Liver	0.33	--	--	0.33
			Endosulfan sulfate	--	--	--	--	Endosulfan sulfate	Liver	0.0045	--	--	0.0045
			Endrin	--	--	--	--	Endrin	Liver	0.0034	--	--	0.0034
			Endrin aldehyde	--	--	--	--	Endrin aldehyde	Liver	0.0072	--	--	0.0072
			gamma-Chlordane	7.7E-009	3.0E-013	2.9E-009	1.1E-008	gamma-Chlordane	Liver	0.00034	0.000000034	0.00013	0.00047

302161

TABLE 9 12.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
			Heptachlor	1.7E-007	1.2E-009	--	1.7E-007	Heptachlor	Liver	0.00058	--	--	0.00058
			Heptachlor epoxide	2.6E-006	8.1E-009	--	2.6E-006	Heptachlor epoxide	Liver	0.17	--	--	0.17
			Dioxin-like PCBs	3.9E-002	1.5E-006	1.1E-002	5.0E-002	Dioxin-like PCBs	NA	--	--	--	--
			Nondioxin-like PCBs	4.4E-003	2.1E-005	5.8E-003	1.0E-002	Nondioxin-like PCBs	NA	--	--	--	--
			Total PCBs	3.1E-004	1.5E-006	4.1E-004	7.3E-004	Total PCBs	NA	--	--	--	--
			Aluminum	--	--	--	--	Aluminum	CNS	0.0094	0.00026	--	0.0097
			Antimony	--	--	--	--	Antimony	Longevity	0.0076	--	--	0.0076
			Arsenic	2.6E-006	1.0E-009	7.4E-007	3.3E-006	Arsenic	Skin	0.045	--	0.013	0.058
			Barium	--	--	--	--	Barium	NOAEL	0.0067	0.00013	--	0.0068
			Cadmium	--	5.5E-010	--	5.5E-010	Cadmium	Kidney	0.017	0.000012	0.0066	0.024
			Chromium	--	--	--	--	Chromium	NA	0.0057	--	--	0.0057
			Copper	--	--	--	--	Copper	Gastro-intestine	0.0033	--	--	0.0033
			Cyanide	--	--	--	--	Cyanide	Body Weight	0.00001	--	--	0.00001
			Iron	--	--	--	--	Iron	Liver	0.048	--	--	0.048
			Lead	--	--	--	--	Lead	CNS	--	--	--	--
			Manganese	--	--	--	--	Manganese	CNS	0.011	0.00068	--	0.012
			Mercury	--	--	--	--	Mercury	Autoimmune	0.00079	--	--	0.00079
			Silver	--	--	--	--	Silver	Skin	0.0011	--	--	0.0011
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.0058	--	--	0.0058
			Vanadium	--	--	--	--	Vanadium	NOAEL	0.0033	--	--	0.0033
			Zinc	--	--	--	--	Zinc	Blood Chemistry	0.0011	--	--	0.0011
			(Total) (1)	4.6E-004	2.1E-006	4.4E-004	9.0E-004	(Total)		60	1.4	79	140
			Total Risk Across All Media and All Exposure Routes (1)				9.0E-004	Total Hazard Index Across All Media and All Exposure Routes					140

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 6.0E-002

Total Blood HI =	0.0078
Total Liver HI =	0.88
Total Erythrocytes HI =	0.0014
Total Eye/Immune HI =	140
Total Kidney HI =	0.024
Total Fetus HI =	0.53
Total CNS HI =	0.022
Total Longevity HI =	0.0076
Total Skin HI =	0.059
Total Gastro-intestine HI =	0.0033
Total Body Weight HI =	0.00001

Notes
(1) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table These are not evaluated for non-carcinogenic effects.

302162

TABLE 9 12 CT
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area B without outliers	1,1-Dichloroethylene	8.3E-010	2.9E-009	--	3.7E-009	1,1-Dichloroethylene	Liver	0.0000012	--	--	0.0000012
			1,3-Dichlorobenzene	--	--	--	--	1,3-Dichlorobenzene	Liver	0.000072	--	--	0.000072
			Benzene	2.4E-010	6.6E-010	--	9.0E-010	Benzene	Blood	0.000011	0.00011	--	0.00012
			cis-1,2-Dichloroethene	--	--	--	--	cis-1,2-Dichloroethene	Blood	0.000032	--	--	0.000032
			Tetrachloroethylene	4.4E-010	5.2E-010	--	9.6E-010	Tetrachloroethylene	Liver	0.0000066	0.0000033	--	0.0000099
			Trichloroethene	1.4E-008	6.0E-008	--	7.4E-008	Trichloroethene	Liver	0.00089	0.0001	--	0.00099
			Vinyl chloride	5.2E-009	2.4E-009	--	7.6E-009	Vinyl chloride	Liver	0.000019	0.000043	--	0.000062
			2-Methylnaphthalene	--	--	--	--	2-Methylnaphthalene	Erythrocytes	0.000018	0.0001	0.000009	0.00013
			Acenaphthene	--	--	--	--	Acenaphthene	Liver	0.0000025	--	0.0000012	0.0000037
			Benzo(a)anthracene	2.8E-008	1.7E-011	1.4E-008	4.1E-008	Benzo(a)anthracene	NA	--	--	--	--
			Benzo(a)pyrene	2.6E-007	6.9E-011	1.3E-007	4.0E-007	Benzo(a)pyrene	NA	--	--	--	--
			Benzo(b)fluoranthene	4.3E-008	5.2E-011	2.1E-008	6.4E-008	Benzo(b)fluoranthene	NA	--	--	--	--
			Benzo(k)fluoranthene	3.0E-009	5.1E-013	1.5E-009	4.5E-009	Benzo(k)fluoranthene	NA	--	--	--	--
			Carbazole	4.1E-010	--	1.6E-010	5.7E-010	Carbazole	NA	--	--	--	--
			Chrysene	4.0E-010	8.3E-013	2.0E-010	6.0E-010	Chrysene	NA	--	--	--	--
			Dibenzofuran	--	--	--	--	Dibenzofuran	NA	--	--	--	--
			Dibenz(a,h)anthracene	2.3E-007	1.8E-011	1.1E-007	3.4E-007	Dibenz(a,h)anthracene	NA	--	--	--	--
			Fluoranthene	--	--	--	--	Fluoranthene	Liver	0.0014	--	0.0007	0.0021
			Fluorene	--	--	--	--	Fluorene	Blood	0.000024	--	0.000012	0.000036
			Indeno(1,2,3-cd)pyrene	2.4E-008	2.9E-012	1.2E-008	3.6E-008	Indeno(1,2,3-cd)pyrene	NA	--	--	--	--
			Naphthalene	--	--	--	--	Naphthalene	Erythrocytes	0.000021	0.00012	0.000011	0.00015
			Phenanthrene	--	--	--	--	Phenanthrene	Kidney	0.0000094	--	0.0000047	0.000014
			Pyrene	--	--	--	--	Pyrene	Kidney	0.000013	--	0.0000064	0.000019
			2,3,7,8-TCDD	2.1E-005	6.8E-010	2.4E-006	2.3E-005	2,3,7,8-TCDD	NA	--	--	--	--
			4,4'-DDE	1.2E-007	--	--	1.2E-007	4,4'-DDE	NA	--	--	--	--
			4,4'-DDT	5.7E-009	2.7E-012	6.5E-010	6.3E-009	4,4'-DDT	Liver	0.00026	--	0.00003	0.00029
			Acetophenone	--	--	--	--	Acetophenone	General	0.000001	--	--	0.000001
			Aldrin	5.0E-006	9.8E-009	--	5.0E-006	Aldrin	Liver	0.076	--	--	0.076
			alpha-BHC	9.9E-008	2.4E-009	--	1.0E-007	alpha-BHC	NA	--	--	--	--
			alpha-chlordane	4.2E-009	2.4E-011	--	4.2E-009	alpha-chlordane	Liver	0.00019	0.0000027	--	0.00019
			Aroclor 1242	--	--	--	--	Aroclor 1242	Fetus	0.056	0.0011	0.03	0.087
			Aroclor 1248	--	--	--	--	Aroclor 1248	Eye/Immune	3	0.061	1.6	4.7
			Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	12	0.24	6.3	19
			Dieldrin	8.6E-006	5.4E-008	--	8.6E-006	Dieldrin	Liver	0.083	--	--	0.083
			Endosulfan sulfate	--	--	--	--	Endosulfan sulfate	Liver	0.0011	--	--	0.0011
			Endrin	--	--	--	--	Endrin	Liver	0.00085	--	--	0.00085
			Endrin aldehyde	--	--	--	--	Endrin aldehyde	Liver	0.0018	--	--	0.0018
			gamma-Chlordane	1.9E-009	6.3E-014	2.9E-010	2.2E-009	gamma-Chlordane	Liver	0.000086	0.000000007	0.000013	0.000099

302163

TABLE 9.12.CT
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
			Heptachlor	4.2E-008	2.5E-010	--	4.2E-008	Heptachlor	Liver	0.00014	--	--	0.00014
			Heptachlor epoxide	6.4E-007	1.7E-009	--	6.5E-007	Heptachlor epoxide	Liver	0.042	--	--	0.042
			Dioxin-like PCBs	9.8E-003	3.2E-007	1.1E-003	1.1E-002	Dioxin-like PCBs	NA	--	--	--	--
			Nondioxin-like PCBs	1.1E-003	4.4E-006	5.8E-004	1.7E-003	Nondioxin-like PCBs	NA	--	--	--	--
			Total PCBs	7.7E-005	3.1E-007	4.1E-005	1.2E-004	Total PCBs	NA	--	--	--	--
			Aluminum	--	--	--	--	Aluminum	CNS	0.0023	0.000054	--	0.0024
			Antimony	--	--	--	--	Antimony	Longevity	0.0019	--	--	0.0019
			Arsenic	6.5E-007	2.1E-010	7.4E-008	7.2E-007	Arsenic	Skin	0.011	--	0.0013	0.012
			Barium	--	--	--	--	Barium	NOAEL	0.0017	0.000027	--	0.0017
			Cadmium	--	1.1E-010	--	1.1E-010	Cadmium	Kidney	0.0043	0.0000025	0.00066	0.005
			Chromium	--	--	--	--	Chromium	NA	0.0014	--	--	0.0014
			Copper	--	--	--	--	Copper	Gastro-intestine	0.00083	--	--	0.00083
			Cyanide	--	--	--	--	Cyanide	Body Weight	0.0000026	--	--	0.0000026
			Iron	--	--	--	--	Iron	Liver	0.012	--	--	0.012
			Lead	--	--	--	--	Lead	CNS	--	--	--	--
			Manganese	--	--	--	--	Manganese	CNS	0.0027	0.00014	--	0.0028
			Mercury	--	--	--	--	Mercury	Autoimmune	0.0002	--	--	0.0002
			Silver	--	--	--	--	Silver	Skin	0.00026	--	--	0.00026
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.0015	--	--	0.0015
			Vanadium	--	--	--	--	Vanadium	NOAEL	0.00082	--	--	0.00082
			Zinc	--	--	--	--	Zinc	Blood Chemistry	0.00027	--	--	0.00027
			(Total) (1)	1.1E-004	4.5E-007	4.4E-005	1.6E-004	(Total)		15	0.3	7.9	24
			Total Risk Across All Media and All Exposure Routes (1)				1.6E-004	Total Hazard Index Across All Media and All Exposure Routes					24

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 1.3E-002

Total Blood HI =	0.002
Total Liver HI =	0.22
Total Erythrocytes HI =	0.00028
Total Eye/Immune HI =	24
Total Kidney HI =	0.005
Total Fetus HI =	0.087
Total CNS HI =	0.0052
Total Longevity HI =	0.0019
Total Skin HI =	0.012
Total Gastro-intestine HI =	0.00083
Total Body	0.0000026

Notes:
(1) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table. These are not evaluated for non-carcinogenic effects.

302164

TABLE 9.13.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area A with Outliers	Benzene	1.7E-011	2.9E-010	--	3.1E-010	Benzene	Blood	0.0000003	0.000017	--	0.000017
			Trichloroethene	5.0E-009	1.3E-007	--	1.4E-007	Trichloroethene	Liver	0.00012	0.00008	--	0.0002
			2-Methylnaphthalene	--	--	--	--	2-Methylnaphthalene	Erythrocytes	0.000038	0.0013	0.000032	0.0014
			Benzo(a)anthracene	3.7E-007	1.4E-009	3.2E-007	6.8E-007	Benzo(a)anthracene	NA	--	--	--	--
			Benzo(a)pyrene	3.0E-006	4.8E-009	2.6E-006	5.6E-006	Benzo(a)pyrene	NA	--	--	--	--
			Benzo(b)fluoranthene	2.8E-007	2.0E-009	2.4E-007	5.1E-007	Benzo(b)fluoranthene	NA	--	--	--	--
			Benzo(k)fluoranthene	3.7E-008	4.0E-011	3.2E-008	6.8E-008	Benzo(k)fluoranthene	NA	--	--	--	--
			Dibenz(a,h)anthracene	1.2E-006	6.4E-010	1.0E-006	2.3E-006	Dibenz(a,h)anthracene	NA	--	--	--	--
			Indeno(1,2,3-cd)pyrene	1.9E-007	1.4E-010	1.6E-007	3.5E-007	Indeno(1,2,3-cd)pyrene	NA	--	--	--	--
			4,4'-DDE	2.1E-007	--	--	2.1E-007	4,4'-DDE	NA	--	--	--	--
			Aldrin	1.3E-005	1.5E-007	--	1.3E-005	Aldrin	Liver	0.07	--	--	0.07
			alpha-BHC	3.2E-007	4.6E-008	--	3.6E-007	alpha-BHC	NA	--	--	--	--
			alpha-chlordane	1.5E-008	5.5E-010	--	1.6E-008	alpha-chlordane	Liver	0.00025	0.000022	--	0.00027
			Aroclor 1242	--	--	--	--	Aroclor 1242	Fetus	0.12	0.024	0.11	0.25
			Aroclor 1248	--	--	--	--	Aroclor 1248	Eye/Immune	2.8	0.55	2.6	6
			Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	4.8	0.95	4.4	10
			Dieldrin	1.5E-005	5.5E-007	--	1.5E-005	Dieldrin	Liver	0.051	--	--	0.051
			Endosulfan sulfate	--	--	--	--	Endosulfan sulfate	Liver	0.00094	--	--	0.00094
			Endrin	--	--	--	--	Endrin	Liver	0.0053	--	--	0.0053
			Heptachlor	2.5E-006	9.1E-008	--	2.6E-006	Heptachlor	Liver	0.0032	--	--	0.0032
			Heptachlor epoxide	2.6E-006	4.2E-008	--	2.6E-006	Heptachlor epoxide	Liver	0.062	--	--	0.062
			Total PCBs	9.7E-005	3.9E-006	9.0E-005	1.9E-004	Total PCBs	NA	--	--	--	--
			Aluminum	--	--	--	--	Aluminum	CNS	0.012	0.0027	--	0.015
			Antimony	--	--	--	--	Antimony	Longevity	0.007	--	--	0.007
			Arsenic	9.9E-006	3.2E-008	2.0E-006	1.2E-005	Arsenic	Skin	0.062	--	0.012	0.074
			Barium	--	--	--	--	Barium	NOAEL	0.0037	0.00059	--	0.0043
			Cadmium	--	8.3E-009	--	8.3E-009	Cadmium	Kidney	0.011	0.000064	0.003	0.014
			Chromium	--	--	--	--	Chromium	NA	0.0073	--	--	0.0073
			Copper	--	--	--	--	Copper	Gastro-intestine	0.0073	--	--	0.0073
			Iron	--	--	--	--	Iron	Liver	0.076	--	--	0.076
			Lead	--	--	--	--	Lead	CNS	--	--	--	--

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TABLE 9.13.RME

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

REASONABLE MAXIMUM EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
			Manganese	--	--	--	--	Manganese	CNS	0.031	0.016	--	0.047
			Mercury	--	--	--	--	Mercury	Autoimmune	0.0021	--	--	0.0021
			Nickel	--	--	--	--	Nickel	Body Weight	0.0023	--	--	0.0023
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.031	--	--	0.031
			Vanadium	--	--	--	--	Vanadium	NOAEL	0.0049	--	--	0.0049
			Cyanide	--	--	--	--	Cyanide	Body Weight	0.000022	--	--	0.000022
			(TOTAL)	1.4E-004	4.9E-006	9.6E-005	2.5E-004	(TOTAL)		8.2	1.5	7.1	17
			Total Risk Across All Media and All Exposure Routes				2.5E-004	Total Hazard Index Across All Media and All Exposure Routes					17

Total Eye/Immune HI =	16
Total Liver HI =	0.27
Total Erythrocytes HI =	0.0014
Total Blood HI =	0.031
Total Fetus HI =	0.25
Total CNS HI =	0.062
Total Longevity HI =	0.007
Total Skin HI =	0.074
Total Kidney HI =	0.014
Total Gastro-intestine HI =	0.0073
Total Body Weight HI =	0.0023

302166

TABLE 9.13.CT

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

CENTRAL TENDENCY EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area A with outliers	Benzene	4.4E-012	7.4E-011	--	7.9E-011	Benzene	Blood	0.0000003	0.000017	--	0.000017
			Trichloroethene	1.3E-009	3.4E-008	--	3.5E-008	Trichloroethene	Liver	0.00011	0.000078	--	0.00019
			2-Methylnaphthalene	--	--	--	--	2-Methylnaphthalene	Erythrocytes	0.000037	0.0012	0.0000032	0.0012
			Benzo(a)anthracene	9.4E-008	3.6E-010	8.1E-009	1.0E-007	Benzo(a)anthracene	NA	--	--	--	--
			Benzo(a)pyrene	7.7E-007	1.2E-009	6.6E-008	8.3E-007	Benzo(a)pyrene	NA	--	--	--	--
			Benzo(b)fluoranthene	7.1E-008	5.2E-010	6.1E-009	7.7E-008	Benzo(b)fluoranthene	NA	--	--	--	--
			Benzo(k)fluoranthene	9.4E-009	1.0E-011	8.1E-010	1.0E-008	Benzo(k)fluoranthene	NA	--	--	--	--
			Dibenz(a,h)anthracene	3.1E-007	1.6E-010	2.7E-008	3.4E-007	Dibenz(a,h)anthracene	NA	--	--	--	--
			Indeno(1,2,3-cd)pyrene	4.8E-008	3.7E-011	4.1E-009	5.2E-008	Indeno(1,2,3-cd)pyrene	NA	--	--	--	--
			4,4'-DDE	5.5E-008	--	--	5.5E-008	4,4'-DDE	NA	--	--	--	--
			Aldrin	3.3E-006	3.9E-008	--	3.3E-006	Aldrin	Liver	0.069	--	--	0.069
			alpha-BHC	8.1E-008	1.2E-008	--	9.3E-008	alpha-BHC	NA	--	--	--	--
			alpha-chlordane	4.0E-009	1.4E-010	--	4.1E-009	alpha-chlordane	Liver	0.00024	0.000021	--	0.00026
			Aroclor 1242	--	--	--	--	Aroclor 1242	Fetus	0.12	0.024	0.011	0.16
			Aroclor 1248	--	--	--	--	Aroclor 1248	Eye/Immune	2.7	0.54	0.25	3.5
			Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	4.6	0.93	0.43	6
			Dieldrin	3.7E-006	1.4E-007	--	3.9E-006	Dieldrin	Liver	0.05	--	--	0.05
			Endosulfan sulfate	--	--	--	--	Endosulfan sulfate	Liver	0.00091	--	--	0.00091
			Endrin	--	--	--	--	Endrin	Liver	0.0051	--	--	0.0051
			Heptachlor	6.5E-007	2.3E-008	--	6.8E-007	Heptachlor	Liver	0.0031	--	--	0.0031
			Heptachlor epoxide	6.7E-007	1.1E-008	--	6.8E-007	Heptachlor epoxide	Liver	0.06	--	--	0.06
			Total PCBs	2.5E-005	1.0E-006	2.3E-006	2.8E-005	Total PCBs	NA	--	--	--	--
			Aluminum	--	--	--	--	Aluminum	CNS	0.012	0.0027	--	0.015
			Antimony	--	--	--	--	Antimony	Longevity	0.0069	--	--	0.0069
			Arsenic	2.5E-006	8.3E-009	5.0E-008	2.6E-006	Arsenic	Skin	0.06	--	0.0012	0.061
			Barium	--	--	--	--	Barium	NOAEL	0.0036	0.00057	--	0.0042
			Cadmium	--	2.1E-009	--	2.1E-009	Cadmium	Kidney	0.011	0.000063	0.00029	0.011
			Chromium	--	--	--	--	Chromium	NA	0.0071	--	--	0.0071
			Copper	--	--	--	--	Copper	Gastro-intestine	0.0071	--	--	0.0071
			Iron	--	--	--	--	Iron	Liver	0.074	--	--	0.074
			Lead	--	--	--	--	Lead	CNS	--	--	--	--

302167

TABLE 9.13.CT

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

CENTRAL TENDENCY EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe Future
Receptor Population Site Worker (Outdoor)
Receptor Age Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
			Manganese	--	--	--	--	Manganese	CNS	0.03	0.016	--	0.046
			Mercury	--	--	--	--	Mercury	Autoimmune	0.0021	--	--	0.0021
			Nickel	--	--	--	--	Nickel	Body Weight	0.0023	--	--	0.0023
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.03	--	--	0.03
			Vanadium	--	--	--	--	Vanadium	NOAEL	0.0048	--	--	0.0048
			Cyanide	--	--	--	--	Cyanide	Body Weight	0.000022	--	--	0.000022
			(TOTAL)	3.7E-005	1.3E-006	2.5E-006	4.1E-005	(TOTAL)		7.9	1.5	0.69	10
			Total Risk Across All Media and All Exposure Routes				4.1E-005	Total Hazard Index Across All Media and All Exposure Routes					10

Total Eye/Immune HI =	9.5
Total Liver HI =	0.26
Total Erythrocytes HI =	0.0012
Total Blood HI =	0.03
Total Fetus HI =	0.16
Total CNS HI =	0.061
Total Longevity HI =	0.0069
Total Skin HI =	0.061
Total Kidney HI =	0.011
Total Gastro-intestine HI =	0.0071
Total Body Weight HI =	0.0023

302168

TABLE 9.14.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area A without Outliers	Benzene	1.7E-011	2.9E-010	--	3.1E-010	Benzene	Blood	0.0000003	0.000017	--	0.000017
			Trichloroethene	3.4E-009	8.9E-008	--	9.2E-008	Trichloroethene	Liver	0.000079	0.000054	--	0.00013
			2-Methylnaphthalene	--	--	--	--	2-Methylnaphthalene	Erythrocytes	0.000038	0.0013	0.000032	0.0014
			Benzo(a)anthracene	1.8E-007	7.0E-010	1.6E-007	3.4E-007	Benzo(a)anthracene	NA	--	--	--	--
			Benzo(a)pyrene	2.0E-006	3.1E-009	1.7E-006	3.6E-006	Benzo(a)pyrene	NA	--	--	--	--
			Benzo(b)fluoranthene	2.8E-007	2.0E-009	2.4E-007	5.1E-007	Benzo(b)fluoranthene	NA	--	--	--	--
			Benzo(k)fluoranthene	1.6E-008	1.8E-011	1.4E-008	3.0E-008	Benzo(k)fluoranthene	NA	--	--	--	--
			Dibenz(a,h)anthracene	1.2E-006	6.4E-010	1.0E-006	2.3E-006	Dibenz(a,h)anthracene	NA	--	--	--	--
			Indeno(1,2,3-cd)pyrene	1.5E-007	1.2E-010	1.3E-007	2.8E-007	Indeno(1,2,3-cd)pyrene	NA	--	--	--	--
			4,4'-DDE	2.1E-007	--	--	2.1E-007	4,4'-DDE	NA	--	--	--	--
			Aldrin	7.0E-006	8.2E-008	--	7.0E-006	Aldrin	Liver	0.038	--	--	0.038
			alpha-BHC	3.2E-007	4.6E-008	--	3.6E-007	alpha-BHC	NA	--	--	--	--
			alpha-chlordane	1.5E-008	5.5E-010	--	1.6E-008	alpha-chlordane	Liver	0.00025	0.000022	--	0.00027
			Aroclor 1242	--	--	--	--	Aroclor 1242	Fetus	0.053	0.011	0.049	0.11
			Aroclor 1248	--	--	--	--	Aroclor 1248	Eye/Immune	0.48	0.097	0.45	1
			Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	3.5	0.71	3.3	7.5
			Dieldrin	1.3E-006	4.9E-008	--	1.4E-006	Dieldrin	Liver	0.0046	--	--	0.0046
			Endosulfan sulfate	--	--	--	--	Endosulfan sulfate	Liver	0.00094	--	--	0.00094
			Endrin	--	--	--	--	Endrin	Liver	0.0013	--	--	0.0013
			Heptachlor	1.7E-007	6.1E-009	--	1.8E-007	Heptachlor	Liver	0.00021	--	--	0.00021
			Heptachlor epoxide	2.6E-006	4.2E-008	--	2.6E-006	Heptachlor epoxide	Liver	0.062	--	--	0.062
			Total PCBs	7.7E-005	3.1E-006	7.1E-005	1.5E-004	Total PCBs	NA	--	--	--	--
			Aluminum	--	--	--	--	Aluminum	CNS	0.011	0.0024	--	0.013
			Antimony	--	--	--	--	Antimony	Longevity	0.007	--	--	0.007
			Arsenic	9.9E-006	3.2E-008	2.0E-006	1.2E-005	Arsenic	Skin	0.062	--	0.012	0.074
			Barium	--	--	--	--	Barium	NOAEL	0.0037	0.00059	--	0.0043
			Cadmium	--	4.9E-009	--	4.9E-009	Cadmium	Kidney	0.0067	0.000038	0.0018	0.0085
			Chromium	--	--	--	--	Chromium	NA	0.0073	--	--	0.0073
			Copper	--	--	--	--	Copper	Gastro-intestine	0.0073	--	--	0.0073
			Iron	--	--	--	--	Iron	Liver	0.076	--	--	0.076
			Lead	--	--	--	--	Lead	CNS	--	--	--	--

302169

TABLE 9.14.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
			Manganese	--	--	--	--	Manganese	CNS	0.031	0.016	--	0.047
			Mercury	--	--	--	--	Mercury	Autoimmune	0.00062	--	--	0.00062
			Nickel	--	--	--	--	Nickel	Body Weight	0.0018	--	--	0.0018
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.031	--	--	0.031
			Vanadium	--	--	--	--	Vanadium	NOAEL	0.0035	--	--	0.0035
			Cyanide	--	--	--	--	Cyanide	Body Weight	0.0000088	--	--	0.0000088
			(Total)	1.0E-004	3.4E-006	7.6E-005	1.8E-004	(Total)		4.4	0.84	3.8	9
			Total Risk Across All Media and All Exposure Routes				1.8E-004	Total Hazard Index Across All Media and All Exposure Routes					9

Total Eye/Immune HI =	8.5
Total Liver HI =	0.18
Total Erythrocytes HI =	0.0014
Total Blood HI =	0.031
Total Fetus HI =	0.11
Total CNS HI =	0.06
Total Longevity HI =	0.007
Total Skin HI =	0.074
Total Kidney HI =	0.0085
Total Gastro-intestine HI =	0.0073
Total Body Weight HI =	0.0018

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TABLE 9.14 CT
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area A without outliers	Benzene	4.4E-012	7.4E-011	--	7.9E-011	Benzene	Blood	0.0000003	0.000017	--	0.000017
			Trichloroethene	8.7E-010	2.3E-008	--	2.4E-008	Trichloroethene	Liver	0.000077	0.000053	--	0.00013
			2-Methylnaphthalene	--	--	--	--	2-Methylnaphthalene	Erythrocytes	0.000037	0.0012	0.0000032	0.0012
			Benzo(a)anthracene	4.7E-008	1.8E-010	4.0E-009	5.1E-008	Benzo(a)anthracene	NA	--	--	--	--
			Benzo(a)pyrene	5.0E-007	8.1E-010	4.3E-008	5.5E-007	Benzo(a)pyrene	NA	--	--	--	--
			Benzo(b)fluoranthene	7.1E-008	5.2E-010	6.1E-009	7.7E-008	Benzo(b)fluoranthene	NA	--	--	--	--
			Benzo(k)fluoranthene	4.2E-009	4.5E-012	3.6E-010	4.6E-009	Benzo(k)fluoranthene	NA	--	--	--	--
			Dibenz(a,h)anthracene	3.1E-007	1.6E-010	2.7E-008	3.4E-007	Dibenz(a,h)anthracene	NA	--	--	--	--
			Indeno(1,2,3-cd)pyrene	3.8E-008	3.0E-011	3.3E-009	4.2E-008	Indeno(1,2,3-cd)pyrene	NA	--	--	--	--
			4,4'-DDE	5.5E-008	--	--	5.5E-008	4,4'-DDE	NA	--	--	--	--
			Aldrin	1.8E-006	2.1E-008	--	1.8E-006	Aldrin	Liver	0.037	--	--	0.037
			alpha-BHC	8.1E-008	1.2E-008	--	9.3E-008	alpha-BHC	NA	--	--	--	--
			alpha-chlordane	4.0E-009	1.4E-010	--	4.1E-009	alpha-chlordane	Liver	0.00024	0.000021	--	0.00026
			Aroclor 1242	--	--	--	--	Aroclor 1242	Fetus	0.051	0.01	0.0048	0.066
			Aroclor 1248	--	--	--	--	Aroclor 1248	Eye/Immune	0.47	0.094	0.044	0.61
			Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	3.4	0.69	0.32	4.4
			Dieldrin	3.4E-007	1.3E-008	--	3.5E-007	Dieldrin	Liver	0.0045	--	--	0.0045
			Endosulfan sulfate	--	--	--	--	Endosulfan sulfate	Liver	0.00091	--	--	0.00091
			Endrin	--	--	--	--	Endrin	Liver	0.0012	--	--	0.0012
			Heptachlor	4.4E-008	1.6E-009	--	4.5E-008	Heptachlor	Liver	0.00021	--	--	0.00021
			Heptachlor epoxide	6.7E-007	1.1E-008	--	6.8E-007	Heptachlor epoxide	Liver	0.06	--	--	0.06
			Total PCBs	2.0E-005	7.9E-007	1.8E-006	2.2E-005	Total PCBs	NA	--	--	--	--
			Aluminum	--	--	--	--	Aluminum	CNS	0.01	0.0024	--	0.012
			Antimony	--	--	--	--	Antimony	Longevity	0.0069	--	--	0.0069
			Arsenic	2.5E-006	8.3E-009	5.0E-008	2.6E-006	Arsenic	Skin	0.06	--	0.0012	0.061
			Barium	--	--	--	--	Barium	NOAEL	0.0036	0.00057	--	0.0042
			Cadmium	--	1.3E-009	--	1.3E-009	Cadmium	Kidney	0.0065	0.000037	0.00017	0.0067
			Chromium	--	--	--	--	Chromium	NA	0.0071	--	--	0.0071
			Copper	--	--	--	--	Copper	Gastro-intestine	0.0071	--	--	0.0071
			Iron	--	--	--	--	Iron	Liver	0.074	--	--	0.074
			Lead	--	--	--	--	Lead	CNS	--	--	--	--

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TABLE 9.14.CT

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

CENTRAL TENDENCY EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
			Manganese	--	--	--	--	Manganese	CNS	0.03	0.016	--	0.046
			Mercury	--	--	--	--	Mercury	Autoimmune	0.0006	--	--	0.0006
			Nickel	--	--	--	--	Nickel	Body Weight	0.0018	--	--	0.0018
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.03	--	--	0.03
			Vanadium	--	--	--	--	Vanadium	NOAEL	0.0034	--	--	0.0034
			Cyanide	--	--	--	--	Cyanide	Body Weight	0.0000086	--	--	0.0000086
			(Total)	2.6E-005	8.8E-007	2.0E-006	2.9E-005	(Total)		4.3	0.81	0.37	5.4
			Total Risk Across All Media and All Exposure Routes				2.9E-005	Total Hazard Index Across All Media and All Exposure Routes					5.4

Total Eye/Immune HI =	5
Total Liver HI =	0.18
Total Erythrocytes HI =	0.0012
Total Blood HI =	0.03
Total Fetus HI =	0.066
Total CNS HI =	0.058
Total Longevity HI =	0.0069
Total Skin HI =	0.061
Total Kidney HI =	0.0067
Total Gastro-intestine HI =	0.0071
Total Body Weight HI =	0.0018

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TABLE 9.15 RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area B with Outliers	1,1-Dichloroethylene	1.5E-008	3.2E-007	--	3.3E-007	1,1-Dichloroethylene	Liver	0.0000078	--	--	0.0000078
			1,3-Dichlorobenzene	--	--	--	--	1,3-Dichlorobenzene	Liver	0.00047	--	--	0.00047
			Benzene	4.3E-009	7.2E-008	--	7.6E-008	Benzene	Blood	0.000073	0.0043	--	0.0044
			cis-1,2-Dichloroethene	--	--	--	--	cis-1,2-Dichloroethene	Blood	0.00063	--	--	0.00063
			Tetrachloroethylene	1.5E-008	1.1E-007	--	1.2E-007	Tetrachloroethylene	Liver	0.00008	0.00024	--	0.00032
			Trichloroethene	1.1E-006	2.8E-005	--	2.9E-005	Trichloroethene	Liver	0.025	0.017	--	0.042
			Vinyl chloride	9.5E-008	2.7E-007	--	3.6E-007	Vinyl chloride	Liver	0.00012	0.0017	--	0.0018
			2-Methylnaphthalene	--	--	--	--	2-Methylnaphthalene	Erythrocytes	0.0021	0.069	0.0018	0.073
			Acenaphthene	--	--	--	--	Acenaphthene	Liver	0.0041	--	0.0035	0.0076
			Benzo(a)anthracene	2.5E-005	9.7E-008	2.2E-005	4.7E-005	Benzo(a)anthracene	NA	--	--	--	--
			Benzo(a)pyrene	1.9E-004	3.1E-007	1.7E-004	3.6E-004	Benzo(a)pyrene	NA	--	--	--	--
			Benzo(b)fluoranthene	6.4E-006	4.7E-008	5.5E-006	1.2E-005	Benzo(b)fluoranthene	NA	--	--	--	--
			Benzo(k)fluoranthene	1.4E-006	1.6E-009	1.2E-006	2.7E-006	Benzo(k)fluoranthene	NA	--	--	--	--
			Carbazole	6.3E-008	--	4.2E-008	1.0E-007	Carbazole	NA	--	--	--	--
			Chrysene	2.4E-007	3.0E-009	2.1E-007	4.5E-007	Chrysene	NA	--	--	--	--
			Dibenzofuran	--	--	--	--	Dibenzofuran	NA	--	--	--	--
			Dibenz(a,h)anthracene	3.2E-005	1.7E-008	2.8E-005	6.0E-005	Dibenz(a,h)anthracene	NA	--	--	--	--
			Fluoranthene	--	--	--	--	Fluoranthene	Liver	0.000079	--	0.000068	0.00015
			Fluorene	--	--	--	--	Fluorene	Blood	0.0043	--	0.0037	0.008
			Indeno(1,2,3-cd)pyrene	8.0E-006	6.2E-009	6.9E-006	1.5E-005	Indeno(1,2,3-cd)pyrene	NA	--	--	--	--
			Naphthalene	--	--	--	--	Naphthalene	Erythrocytes	0.00075	0.025	0.00064	0.026
			Phenanthrene	--	--	--	--	Phenanthrene	Kidney	0.021	--	0.018	0.039
			Pyrene	--	--	--	--	Pyrene	Kidney	0.0012	--	0.001	0.0022
			2,3,7,8-TCDD	3.8E-004	1.2E-007	7.5E-005	4.5E-004	2,3,7,8-TCDD	NA	--	--	--	--
			4,4'-DDE	1.1E-004	--	--	1.1E-004	4,4'-DDE	NA	--	--	--	--
			4,4'-DDT	2.7E-004	7.9E-007	5.3E-005	3.2E-004	4,4'-DDT	Liver	4.4	--	0.87	5.3
			Acetophenone	--	--	--	--	Acetophenone	General	0.0000067	--	--	0.0000067
			Aldrin	6.4E-004	7.6E-006	--	6.5E-004	Aldrin	Liver	3.5	--	--	3.5
			alpha-BHC	5.9E-006	8.6E-007	--	6.8E-006	alpha-BHC	NA	--	--	--	--
			alpha-chlordane	2.3E-007	8.2E-009	--	2.4E-007	alpha-chlordane	Liver	0.0037	0.00033	--	0.004
			Aroclor 1242	--	--	--	--	Aroclor 1242	Fetus	10	2	9.4	21
			Aroclor 1248	--	--	--	--	Aroclor 1248	Eye/Immune	140	27	130	300
			Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	630	130	580	1300
			Dieldrin	6.3E-003	2.4E-004	--	6.5E-003	Dieldrin	Liver	22	--	--	22
			Endosulfan sulfate	--	--	--	--	Endosulfan sulfate	Liver	0.059	--	--	0.059
			Endrin	--	--	--	--	Endrin	Liver	0.041	--	--	0.041
			Endrin aldehyde	--	--	--	--	Endrin aldehyde	Liver	0.54	--	--	0.54
			gamma-Chlordane	1.3E-004	4.4E-008	3.6E-005	1.7E-004	gamma-Chlordane	Liver	2.2	0.0018	0.57	2.8

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TABLE 9.15.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
			Heptachlor	1.0E-005	3.7E-007	--	1.1E-005	Heptachlor	Liver	0.013	--	--	0.013
			Heptachlor epoxide	4.1E-004	6.5E-006	--	4.2E-004	Heptachlor epoxide	Liver	9.7	--	--	9.7
			Dioxin-like PCBs	1.6E-001	5.9E-005	3.5E-002	2.0E-001	Dioxin-like PCBs	NA	--	--	--	--
			Nondioxin-like PCBs	2.0E-002	7.9E-004	1.8E-002	3.9E-002	Nondioxin-like PCBs	NA	--	--	--	--
			Total PCBs	9.9E-003	4.0E-004	9.2E-003	1.9E-002	Total PCBs	NA	--	--	--	--
			Aluminum	--	--	--	--	Aluminum	CNS	0.03	0.0068	--	0.037
			Antimony	--	--	--	--	Antimony	Longevity	0.013	--	--	0.013
			Arsenic	2.2E-005	7.2E-008	4.3E-006	2.6E-005	Arsenic	Skin	0.14	--	0.027	0.17
			Barium	--	--	--	--	Barium	NOAEL	0.011	0.0017	--	0.013
			Cadmium	--	2.1E-008	--	2.1E-008	Cadmium	Kidney	0.028	0.00016	0.0074	0.036
			Chromium	--	--	--	--	Chromium	NA	0.022	--	--	0.022
			Copper	--	--	--	--	Copper	Gastro-intestine	0.17	--	--	0.17
			Iron	--	--	--	--	Iron	Liver	0.14	--	--	0.14
			Lead	--	--	--	--	Lead	CNS	--	--	--	--
			Manganese	--	--	--	--	Manganese	CNS	0.029	0.015	--	0.044
			Mercury	--	--	--	--	Mercury	Autoimmune	0.0032	--	--	0.0032
			Silver	--	--	--	--	Silver	Skin	0.0017	--	--	0.0017
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.011	--	--	0.011
			Vanadium	--	--	--	--	Vanadium	NOAEL	0.011	--	--	0.011
			Zinc	--	--	--	--	Zinc	Blood Chemistry	0.0056	--	--	0.0056
			Cyanide	--	--	--	--	Cyanide	Body Weight	0.000048	--	--	0.000048
			(Total) (1)	1.8E-002	6.8E-004	9.6E-003	2.9E-002	(Total)		820	160	720	1700
			Total Risk Across All Media and All Exposure Routes (1)				2.9E-002	Total Hazard Index Across All Media and All Exposure Routes					1700

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 2.4E-001

Total Blood HI =	0.03
Total Liver HI =	44
Total Erythrocytes HI =	0.099
Total Eye/Immune HI =	1600
Total Kidney HI =	0.077
Total Fetus HI =	21
Total CNS HI =	0.081
Total Longevity HI =	0.013
Total Skin HI =	0.17
Total Gastro-intestine HI =	0.17
Total Body Weight HI =	0.000048

Notes:
(1) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table. These are not evaluated for non-carcinogenic effects.

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TABLE 9 15 CT
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area B with outliers	1,1-Dichloroethylene	3.9E-009	8.2E-008	--	8.5E-008	1,1-Dichloroethylene	Liver	0.0000076	--	--	0.0000076
			1,3-Dichlorobenzene	--	--	--	--	1,3-Dichlorobenzene	Liver	0.00046	--	--	0.00046
			Benzene	1.1E-009	1.9E-008	--	2.0E-008	Benzene	Blood	0.000071	0.0042	--	0.0043
			cis-1,2-Dichloroethene	--	--	--	--	cis-1,2-Dichloroethene	Blood	0.00061	--	--	0.00061
			Tetrachloroethylene	3.8E-009	2.7E-008	--	3.1E-008	Tetrachloroethylene	Liver	0.000078	0.00023	--	0.00031
			Trichloroethene	2.7E-007	7.1E-006	--	7.4E-006	Trichloroethene	Liver	0.024	0.016	--	0.04
			Vinyl chloride	2.4E-008	6.8E-008	--	9.3E-008	Vinyl chloride	Liver	0.00012	0.0016	--	0.0017
			2-Methylnaphthalene	--	--	--	--	2-Methylnaphthalene	Erythrocytes	0.002	0.068	0.00018	0.07
			Acenaphthene	--	--	--	--	Acenaphthene	Liver	0.0039	--	0.00034	0.0042
			Benzo(a)anthracene	6.5E-006	2.5E-008	5.6E-007	7.1E-006	Benzo(a)anthracene	NA	--	--	--	--
			Benzo(a)pyrene	5.0E-005	8.0E-008	4.3E-006	5.4E-005	Benzo(a)pyrene	NA	--	--	--	--
			Benzo(b)fluoranthene	1.7E-006	1.2E-008	1.4E-007	1.8E-006	Benzo(b)fluoranthene	NA	--	--	--	--
			Benzo(k)fluoranthene	3.7E-007	4.0E-010	3.2E-008	4.0E-007	Benzo(k)fluoranthene	NA	--	--	--	--
			Carbazole	1.6E-008	--	1.1E-009	1.7E-008	Carbazole	NA	--	--	--	--
			Chrysene	6.2E-008	7.7E-010	5.3E-009	6.8E-008	Chrysene	NA	--	--	--	--
			Dibenzofuran	--	--	--	--	Dibenzofuran	NA	--	--	--	--
			Dibenz(a,h)anthracene	8.3E-006	4.3E-009	7.1E-007	9.0E-006	Dibenz(a,h)anthracene	NA	--	--	--	--
			Fluoranthene	--	--	--	--	Fluoranthene	Liver	0.000077	--	0.0000066	0.000084
			Fluorene	--	--	--	--	Fluorene	Blood	0.0042	--	0.00036	0.0046
			Indeno(1,2,3-cd)pyrene	2.1E-006	1.6E-009	1.8E-007	2.2E-006	Indeno(1,2,3-cd)pyrene	NA	--	--	--	--
			Naphthalene	--	--	--	--	Naphthalene	Erythrocytes	0.00073	0.024	0.000063	0.025
			Phenanthrene	--	--	--	--	Phenanthrene	Kidney	0.02	--	0.0017	0.022
			Pyrene	--	--	--	--	Pyrene	Kidney	0.0011	--	0.000098	0.0012
			2,3,7,8-TCDD	9.7E-005	3.2E-008	1.9E-006	9.9E-005	2,3,7,8-TCDD	NA	--	--	--	--
			4,4'-DDE	2.9E-005	--	--	2.9E-005	4,4'-DDE	NA	--	--	--	--
			4,4'-DDT	6.8E-005	2.0E-007	1.4E-006	7.0E-005	4,4'-DDT	Liver	4.3	--	0.084	4.4
			Acetophenone	--	--	--	--	Acetophenone	General	0.0000065	--	--	0.0000065
			Aldrin	1.6E-004	2.0E-006	--	1.7E-004	Aldrin	Liver	3.4	--	--	3.4
			alpha-BHC	1.5E-006	2.2E-007	--	1.7E-006	alpha-BHC	NA	--	--	--	--
			alpha-chlordane	5.9E-008	2.1E-009	--	6.2E-008	alpha-chlordane	Liver	0.0036	0.00032	--	0.0039
			Aroclor 1242	--	--	--	--	Aroclor 1242	Fetus	9.9	2	0.91	13
			Aroclor 1248	--	--	--	--	Aroclor 1248	Eye/Immune	130	27	12	170
			Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	610	120	56	790
			Dieldrin	1.6E-003	6.1E-005	--	1.7E-003	Dieldrin	Liver	21	--	--	21
			Endosulfan sulfate	--	--	--	--	Endosulfan sulfate	Liver	0.057	--	--	0.057
			Endrin	--	--	--	--	Endrin	Liver	0.04	--	--	0.04
			Endrin aldehyde	--	--	--	--	Endrin aldehyde	Liver	0.52	--	--	0.52
			gamma-Chlordane	3.5E-005	1.1E-008	9.1E-007	3.5E-005	gamma-Chlordane	Liver	2.1	0.0017	0.055	2.2

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TABLE 9 15.CT
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
			Heptachlor	2.7E-006	9.5E-008	--	2.7E-006	Heptachlor	Liver	0.013	--	--	0.013
			Heptachlor epoxide	1.1E-004	1.7E-006	--	1.1E-004	Heptachlor epoxide	Liver	9.4	--	--	9.4
			Dioxin-like PCBs	4.5E-002	1.5E-005	9.1E-004	4.6E-002	Dioxin-like PCBs	NA	--	--	--	--
			Nondioxin-like PCBs	5.1E-003	2.0E-004	4.7E-004	5.8E-003	Nondioxin-like PCBs	NA	--	--	--	--
			Total PCBs	2.6E-003	1.0E-004	2.4E-004	2.9E-003	Total PCBs	NA	--	--	--	--
			Aluminum	--	--	--	--	Aluminum	CNS	0.029	0.0066	--	0.036
			Antimony	--	--	--	--	Antimony	Longevity	0.012	--	--	0.012
			Arsenic	5.6E-006	1.8E-008	1.1E-007	5.7E-006	Arsenic	Skin	0.13	--	0.0026	0.13
			Barium	--	--	--	--	Barium	NOAEL	0.011	0.0017	--	0.013
			Cadmium	--	5.3E-009	--	5.3E-009	Cadmium	Kidney	0.027	0.00016	0.00072	0.028
			Chromium	--	--	--	--	Chromium	NA	0.021	--	--	0.021
			Copper	--	--	--	--	Copper	Gastro-intestine	0.16	--	--	0.16
			Iron	--	--	--	--	Iron	Liver	0.13	--	--	0.13
			Lead	--	--	--	--	Lead	CNS	--	--	--	--
			Manganese	--	--	--	--	Manganese	CNS	0.028	0.015	--	0.043
			Mercury	--	--	--	--	Mercury	Autoimmune	0.0031	--	--	0.0031
			Silver	--	--	--	--	Silver	Skin	0.0017	--	--	0.0017
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.011	--	--	0.011
			Vanadium	--	--	--	--	Vanadium	NOAEL	0.01	--	--	0.01
			Zinc	--	--	--	--	Zinc	Blood Chemistry	0.0054	--	--	0.0054
			Cyanide	--	--	--	--	Cyanide	Body Weight	0.000047	--	--	0.000047
			(Total) (1)	4.7E-003	1.7E-004	2.5E-004	5.2E-003	(Total)		790	150	69	1000
			Total Risk Across All Media and All Exposure Routes (1)				5.2E-003	Total Hazard Index Across All Media and All Exposure Routes					1000

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 5.2E-002

Total Blood HI =	0.026
Total Liver HI =	41
Total Erythrocytes HI =	0.095
Total Eye/Immune HI =	960
Total Kidney HI =	0.051
Total Fetus HI =	13
Total CNS HI =	0.079
Total Longevity HI =	0.012
Total Skin HI =	0.13
Total Gastro-intestine HI =	0.16
Total Body Weight HI =	0.000047

Notes:
(1) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table. These are not evaluated for non-carcinogenic effects.

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TABLE 9.16.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area B without Outliers	1,1-Dichloroethylene	1.5E-008	3.2E-007	--	3.3E-007	1,1-Dichloroethylene	Liver	0.0000078	--	--	0.0000078
			1,3-Dichlorobenzene	--	--	--	--	1,3-Dichlorobenzene	Liver	0.00047	--	--	0.00047
			Benzene	4.3E-009	7.2E-008	--	7.6E-008	Benzene	Blood	0.000073	0.0043	--	0.0044
			cis-1,2-Dichloroethene	--	--	--	--	cis-1,2-Dichloroethene	Blood	0.00021	--	--	0.00021
			Tetrachloroethylene	8.0E-009	5.7E-008	--	6.5E-008	Tetrachloroethylene	Liver	0.000043	0.00013	--	0.00017
			Trichloroethene	2.5E-007	6.6E-006	--	6.8E-006	Trichloroethene	Liver	0.0059	0.004	--	0.0099
			Vinyl chloride	9.5E-008	2.7E-007	--	3.6E-007	Vinyl chloride	Liver	0.00012	0.0017	--	0.0018
			2-Methylnaphthalene	--	--	--	--	2-Methylnaphthalene	Erythrocytes	0.00012	0.0039	0.0001	0.0041
			Acenaphthene	--	--	--	--	Acenaphthene	Liver	0.000016	--	0.000014	0.00003
			Benzo(a)anthracene	5.1E-007	1.9E-009	4.3E-007	9.4E-007	Benzo(a)anthracene	NA	--	--	--	--
			Benzo(a)pyrene	4.8E-006	7.8E-009	4.1E-006	9.0E-006	Benzo(a)pyrene	NA	--	--	--	--
			Benzo(b)fluoranthene	7.8E-007	5.8E-009	6.7E-007	1.5E-006	Benzo(b)fluoranthene	NA	--	--	--	--
			Benzo(k)fluoranthene	5.5E-008	5.9E-011	4.7E-008	1.0E-007	Benzo(k)fluoranthene	NA	--	--	--	--
			Carbazole	7.5E-009	--	5.0E-009	1.3E-008	Carbazole	NA	--	--	--	--
			Chrysene	7.3E-009	9.2E-011	6.3E-009	1.4E-008	Chrysene	NA	--	--	--	--
			Dibenzofuran	--	--	--	--	Dibenzofuran	NA	--	--	--	--
			Dibenz(a,h)anthracene	4.1E-006	2.2E-009	3.5E-006	7.7E-006	Dibenz(a,h)anthracene	NA	--	--	--	--
			Fluoranthene	--	--	--	--	Fluoranthene	Liver	0.0092	--	0.0079	0.017
			Fluorene	--	--	--	--	Fluorene	Blood	0.00016	--	0.00013	0.00029
			Indeno(1,2,3-cd)pyrene	4.4E-007	3.4E-010	3.7E-007	8.1E-007	Indeno(1,2,3-cd)pyrene	NA	--	--	--	--
			Naphthalene	--	--	--	--	Naphthalene	Erythrocytes	0.00014	0.0047	0.00012	0.005
			Phenanthrene	--	--	--	--	Phenanthrene	Kidney	0.000062	--	0.000053	0.00012
			Pyrene	--	--	--	--	Pyrene	Kidney	0.000085	--	0.000073	0.00016
			2,3,7,8-TCDD	3.8E-004	1.2E-007	7.5E-005	4.5E-004	2,3,7,8-TCDD	NA	--	--	--	--
			4,4'-DDE	2.2E-006	--	--	2.2E-006	4,4'-DDE	NA	--	--	--	--
			4,4'-DDT	1.0E-007	3.1E-010	2.1E-008	1.2E-007	4,4'-DDT	Liver	0.0017	--	0.00034	0.002
			Acetophenone	--	--	--	--	Acetophenone	General	0.0000067	--	--	0.0000067
			Aldrin	9.1E-005	1.1E-006	--	9.2E-005	Aldrin	Liver	0.5	--	--	0.5
			alpha-BHC	1.6E-006	2.6E-007	--	2.1E-006	alpha-BHC	NA	--	--	--	--
			alpha-chlordane	7.6E-008	2.7E-009	--	7.9E-008	alpha-chlordane	Liver	0.0012	0.00011	--	0.0013
			Aroclor 1242	--	--	--	--	Aroclor 1242	Fetus	0.36	0.073	0.34	0.77
			Aroclor 1248	--	--	--	--	Aroclor 1248	Eye/Immune	20	4	18	42
			Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	77	15	71	160
			Dieldrin	1.6E-004	5.9E-006	--	1.6E-004	Dieldrin	Liver	0.55	--	--	0.55
			Endosulfan sulfate	--	--	--	--	Endosulfan sulfate	Liver	0.0073	--	--	0.0073
			Endrin	--	--	--	--	Endrin	Liver	0.0056	--	--	0.0056
			Endrin aldehyde	--	--	--	--	Endrin aldehyde	Liver	0.012	--	--	0.012
			gamma-Chlordane	3.5E-008	1.2E-011	9.3E-009	4.5E-008	gamma-Chlordane	Liver	0.00056	0.00000046	0.00015	0.00071

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TABLE 9.16.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
			Heptachlor	7.6E-007	2.7E-008	--	7.9E-007	Heptachlor	Liver	0.00095	--	--	0.00095
			Heptachlor epoxide	1.2E-005	1.9E-007	--	1.2E-005	Heptachlor epoxide	Liver	0.28	--	--	0.28
			Dioxin-like PCBs	1.6E-001	5.9E-005	3.5E-002	2.0E-001	Dioxin-like PCBs	NA	--	--	--	--
			Nondioxin-like PCBs	2.0E-002	7.9E-004	1.8E-002	3.9E-002	Nondioxin-like PCBs	NA	--	--	--	--
			Total PCBs	1.4E-003	5.7E-005	1.3E-003	2.8E-003	Total PCBs	NA	--	--	--	--
			Aluminum	--	--	--	--	Aluminum	CNS	0.015	0.0035	--	0.019
			Antimony	--	--	--	--	Antimony	Longevity	0.013	--	--	0.013
			Arsenic	1.2E-005	3.9E-008	2.3E-006	1.4E-005	Arsenic	Skin	0.074	--	0.015	0.089
			Barium	--	--	--	--	Barium	NOAEL	0.011	0.0017	--	0.013
			Cadmium	--	2.1E-008	--	2.1E-008	Cadmium	Kidney	0.028	0.00016	0.0074	0.036
			Chromium	--	--	--	--	Chromium	NA	0.0094	--	--	0.0094
			Copper	--	--	--	--	Copper	Gastro-intestine	0.0055	--	--	0.0055
			Cyanide	--	--	--	--	Cyanide	Body Weight	0.000017	--	--	0.000017
			Iron	--	--	--	--	Iron	Liver	0.079	--	--	0.079
			Lead	--	--	--	--	Lead	CNS	--	--	--	--
			Manganese	--	--	--	--	Manganese	CNS	0.018	0.0093	--	0.027
			Mercury	--	--	--	--	Mercury	Autoimmune	0.0013	--	--	0.0013
			Silver	--	--	--	--	Silver	Skin	0.0017	--	--	0.0017
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.0096	--	--	0.0096
			Vanadium	--	--	--	--	Vanadium	NOAEL	0.0054	--	--	0.0054
			Zinc	--	--	--	--	Zinc	Blood Chemistry	0.0018	--	--	0.0018
			(Total) (1)	2.1E-003	7.1E-005	1.4E-003	3.5E-003	(Total)		99	19	89	200
			Total Risk Across All Media and All Exposure Routes (1)				3.5E-003	Total Hazard Index Across All Media and All Exposure Routes					200

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 2.4E-001

Total Blood HI =	0.016
Total Liver HI =	1.5
Total Erythrocytes HI =	0.0091
Total Eye/Immune HI =	200
Total Kidney HI =	0.036
Total Fetus HI =	0.77
Total CNS HI =	0.046
Total Longevity HI =	0.013
Total Skin HI =	0.091
Total Gastro-intestine HI =	0.0055
Total Body Weight HI =	0.000017

Notes:
(1) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table. These are not evaluated for non-carcinogenic effects.

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TABLE 9 16 CT
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area B without outliers	1,1-Dichloroethylene	3.9E-009	8.2E-008	--	8 5E-008	1,1-Dichloroethylene	Liver	0 0000076	--	--	0.0000076
			1,3-Dichlorobenzene	--	--	--	--	1,3-Dichlorobenzene	Liver	0 00046	--	--	0.00046
			Benzene	1 1E-009	1.9E-008	--	2.0E-008	Benzene	Blood	0.000071	0.0042	--	0 0043
			cis-1,2-Dichloroethene	--	--	--	--	cis-1,2-Dichloroethene	Blood	0.00021	--	--	0.00021
			Tetrachloroethylene	2.1E-009	1.5E-008	--	1.7E-008	Tetrachloroethylene	Liver	0.000042	0.00013	--	0 00017
			Trichloroethene	6.5E-008	1.7E-006	--	1.8E-006	Trichloroethene	Liver	0.0057	0.0039	--	0.0096
			Vinyl chloride	2.4E-008	6.8E-008	--	9.3E-008	Vinyl chloride	Liver	0.00012	0.0016	--	0.0017
			2-Methylnaphthalene	--	--	--	--	2-Methylnaphthalene	Erythrocytes	0.00012	0.0038	0.0000099	0.0039
			Acenaphthene	--	--	--	--	Acenaphthene	Liver	0.000016	--	0.0000013	0.000017
			Benzo(a)anthracene	1.3E-007	4.9E-010	1.1E-008	1.4E-007	Benzo(a)anthracene	NA	--	--	--	--
			Benzo(a)pyrene	1.2E-006	2.0E-009	1.1E-007	1.3E-006	Benzo(a)pyrene	NA	--	--	--	--
			Benzo(b)fluoranthene	2.0E-007	1.5E-009	1.7E-008	2.2E-007	Benzo(b)fluoranthene	NA	--	--	--	--
			Benzo(k)fluoranthene	1.4E-008	1.5E-011	1.2E-009	1.5E-008	Benzo(k)fluoranthene	NA	--	--	--	--
			Carbazole	1.9E-009	--	1.3E-010	2.1E-009	Carbazole	NA	--	--	--	--
			Chrysene	1 9E-009	2.4E-011	1.6E-010	2.1E-009	Chrysene	NA	--	--	--	--
			Dibenzofuran	--	--	--	--	Dibenzofuran	NA	--	--	--	--
			Dibenz(a,h)anthracene	1.1E-006	5.6E-010	9 1E-008	1.2E-006	Dibenz(a,h)anthracene	NA	--	--	--	--
			Fluoranthene	--	--	--	--	Fluoranthene	Liver	0.009	--	0.00077	0 0098
			Fluorene	--	--	--	--	Fluorene	Blood	0 00015	--	0 000013	0.00016
			Indeno(1,2,3-cd)pyrene	1.1E-007	8.7E-011	9 6E-009	1.2E-007	Indeno(1,2,3-cd)pyrene	NA	--	--	--	--
			Naphthalene	--	--	--	--	Naphthalene	Erythrocytes	0.00014	0 0045	0 000012	0.0047
			Phenanthrene	--	--	--	--	Phenanthrene	Kidney	0.00006	--	0.0000051	0.000065
			Pyrene	--	--	--	--	Pyrene	Kidney	0.000083	--	0 0000071	0.00009
			2,3,7,8-TCDD	9.7E-005	3 2E-008	1.9E-006	9.9E-005	2,3,7,8-TCDD	NA	--	--	--	--
			4,4'-DDE	5.7E-007	--	--	5.7E-007	4,4'-DDE	NA	--	--	--	--
			4,4'-DDT	2.7E-008	8.0E-011	5.3E-010	2.7E-008	4,4'-DDT	Liver	0.0017	--	0.000033	0.0017
			Acetophenone	--	--	--	--	Acetophenone	General	0.0000065	--	--	0 0000065
			Aldrin	2.3E-005	2.8E-007	--	2.4E-005	Aldrin	Liver	0.49	--	--	0 49
			alpha-BHC	4.6E-007	6.7E-008	--	5.3E-007	alpha-BHC	NA	--	--	--	--
			alpha-chlordane	2.0E-008	6.9E-010	--	2.0E-008	alpha-chlordane	Liver	0.0012	0.0001	--	0.0013
			Aroclor 1242	--	--	--	--	Aroclor 1242	Fetus	0.36	0.071	0.033	0 46
			Aroclor 1248	--	--	--	--	Aroclor 1248	Eye/Immune	19	3.9	1.8	25
			Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	75	15	6 9	97
			Dieldrin	4.0E-005	1.5E-006	--	4.2E-005	Dieldrin	Liver	0.53	--	--	0.53
			Endosulfan sulfate	--	--	--	--	Endosulfan sulfate	Liver	0.0071	--	--	0.0071
			Endrin	--	--	--	--	Endrin	Liver	0.0054	--	--	0.0054
			Endrin aldehyde	--	--	--	--	Endrin aldehyde	Liver	0.011	--	--	0.011
			gamma-Chlordane	9.1E-009	3.0E-012	2.4E-010	9.3E-009	gamma-Chlordane	Liver	0.00055	0.00000045	0.000014	0 00056

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TABLE 9.16.CT
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
			Heptachlor	2.0E-007	7.0E-009	--	2.0E-007	Heptachlor	Liver	0.00093	--	--	0.00093
			Heptachlor epoxide	3.0E-006	4.8E-008	--	3.1E-006	Heptachlor epoxide	Liver	0.27	--	--	0.27
			Dioxin-like PCBs	4.5E-002	1.5E-005	9.1E-004	4.6E-002	Dioxin-like PCBs	NA	--	--	--	--
			Nondioxin-like PCBs	5.1E-003	2.0E-004	4.7E-004	5.8E-003	Nondioxin-like PCBs	NA	--	--	--	--
			Total PCBs	3.6E-004	1.5E-005	3.4E-005	4.1E-004	Total PCBs	NA	--	--	--	--
			Aluminum	--	--	--	--	Aluminum	CNS	0.015	0.0034	--	0.018
			Antimony	--	--	--	--	Antimony	Longevity	0.012	--	--	0.012
			Arsenic	3.0E-006	1.0E-008	6.0E-008	3.1E-006	Arsenic	Skin	0.072	--	0.0014	0.073
			Barium	--	--	--	--	Barium	NOAEL	0.011	0.0017	--	0.013
			Cadmium	--	5.3E-009	--	5.3E-009	Cadmium	Kidney	0.027	0.00016	0.00072	0.028
			Chromium	--	--	--	--	Chromium	NA	0.0091	--	--	0.0091
			Copper	--	--	--	--	Copper	Gastro-intestine	0.0053	--	--	0.0053
			Cyanide	--	--	--	--	Cyanide	Body Weight	0.000017	--	--	0.000017
			Iron	--	--	--	--	Iron	Liver	0.076	--	--	0.076
			Lead	--	--	--	--	Lead	CNS	--	--	--	--
			Manganese	--	--	--	--	Manganese	CNS	0.017	0.0091	--	0.026
			Mercury	--	--	--	--	Mercury	Autoimmune	0.0013	--	--	0.0013
			Silver	--	--	--	--	Silver	Skin	0.0017	--	--	0.0017
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.0093	--	--	0.0093
			Vanadium	--	--	--	--	Vanadium	NOAEL	0.0053	--	--	0.0053
			Zinc	--	--	--	--	Zinc	Blood Chemistry	0.0017	--	--	0.0017
			(Total) (1)	5.3E-004	1.8E-005	3.6E-005	5.9E-004	(Total)		96	19	8.7	120

Total Risk Across All Media and All Exposure Routes (1): 5.9E-004

Total Hazard Index Across All Media and All Exposure Routes: 120

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs): 5.2E-002

Total Blood HI =	0.016
Total Liver HI =	1.4
Total Erythrocytes HI =	0.0086
Total Eye/Immune HI =	120
Total Kidney HI =	0.028
Total Fetus HI =	0.46
Total CNS HI =	0.044
Total Longevity HI =	0.012
Total Skin HI =	0.075
Total Gastro-intestine HI =	0.0053
Total Body	0.000017

Notes:
(1) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table. These are not evaluated for non-carcinogenic effects.

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TABLE 9.17.RME

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

REASONABLE MAXIMUM EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Construction Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area A with Outliers	Benzene	2.2E-012	9.1E-011	--	9.4E-011	Benzene	Blood	0.0000009	0.00014	--	0.00014
			Trichloroethene	6.4E-010	4.2E-008	--	4.2E-008	Trichloroethene	Liver	0.00037	0.00064	--	0.001
			2-Methylnaphthalene	--	--	--	--	2-Methylnaphthalene	Erythrocytes	0.00012	0.0099	0.000047	0.01
			Benzo(a)anthracene	4.7E-008	4.3E-010	1.8E-008	6.5E-008	Benzo(a)anthracene	NA	--	--	--	--
			Benzo(a)pyrene	3.8E-007	1.4E-009	1.5E-007	5.3E-007	Benzo(a)pyrene	NA	--	--	--	--
			Benzo(b)fluoranthene	3.5E-008	6.3E-010	1.4E-008	4.9E-008	Benzo(b)fluoranthene	NA	--	--	--	--
			Benzo(k)fluoranthene	4.7E-009	1.1E-011	1.8E-009	6.5E-009	Benzo(k)fluoranthene	NA	--	--	--	--
			Dibenz(a,h)anthracene	1.5E-007	1.6E-010	6.0E-008	2.1E-007	Dibenz(a,h)anthracene	NA	--	--	--	--
			Indeno(1,2,3-cd)pyrene	2.4E-008	3.9E-011	9.2E-009	3.3E-008	Indeno(1,2,3-cd)pyrene	NA	--	--	--	--
			4,4'-DDE	2.7E-008	--	--	2.7E-008	4,4'-DDE	NA	--	--	--	--
			Aldrin	1.6E-006	4.7E-008	--	1.7E-006	Aldrin	Liver	0.22	--	--	0.22
			alpha-BHC	4.0E-008	1.5E-008	--	5.5E-008	alpha-BHC	NA	--	--	--	--
			alpha-chlordane	2.0E-009	1.7E-010	--	2.1E-009	alpha-chlordane	Liver	0.00078	0.00017	--	0.00095
			Aroclor 1242	--	--	--	--	Aroclor 1242	Fetus	0.38	0.038	0.16	0.58
			Aroclor 1248	--	--	--	--	Aroclor 1248	Eye/Immune	8.7	0.88	3.7	13
			Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	15	1.5	6.3	23
			Dieldrin	1.8E-006	1.7E-007	--	2.0E-006	Dieldrin	Liver	0.16	--	--	0.16
			Endosulfan sulfate	--	--	--	--	Endosulfan sulfate	Liver	0.003	--	--	0.003
			Endrin	--	--	--	--	Endrin	Liver	0.017	--	--	0.017
			Heptachlor	3.2E-007	2.9E-008	--	3.5E-007	Heptachlor	Liver	0.01	--	--	0.01
			Heptachlor epoxide	3.3E-007	1.3E-008	--	3.4E-007	Heptachlor epoxide	Liver	0.2	--	--	0.2
			Total PCBs	1.2E-005	2.5E-007	5.2E-006	1.8E-005	Total PCBs	NA	--	--	--	--
			Aluminum	--	--	--	--	Aluminum	CNS	0.038	0.0037	--	0.042
			Antimony	--	--	--	--	Antimony	Longevity	0.022	--	--	0.022
			Arsenic	1.3E-006	1.8E-009	1.1E-007	1.4E-006	Arsenic	Skin	0.2	--	0.018	0.22
			Barium	--	--	--	--	Barium	NOAEL	0.012	0.0008	--	0.013
			Cadmium	--	4.5E-010	--	4.5E-010	Cadmium	Kidney	0.036	0.000019	0.0043	0.04
			Chromium	--	--	--	--	Chromium	NA	0.023	--	--	0.023
			Copper	--	--	--	--	Copper	Gastro-intestine	0.023	--	--	0.023
			Iron	--	--	--	--	Iron	Liver	0.24	--	--	0.24
			Lead	--	--	--	--	Lead	CNS	--	--	--	--

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TABLE 9.17.RME

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

REASONABLE MAXIMUM EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Construction Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
			Manganese	--	--	--	--	Manganese	CNS	0.097	0.022	--	0.12
			Mercury	--	--	--	--	Mercury	Autoimmune	0.0068	--	--	0.0068
			Nickel	--	--	--	--	Nickel	Body Weight	0.0074	--	--	0.0074
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.098	--	--	0.098
			Vanadium	--	--	--	--	Vanadium	NOAEL	0.016	--	--	0.016
			Cyanide	--	--	--	--	Cyanide	Body Weight	0.000071	--	--	0.000071
			(TOTAL)	1.8E-005	5.7E-007	5.5E-006	2.4E-005	(TOTAL)		26	2.5	10	38
			Total Risk Across All Media and All Exposure Routes				2.4E-005		Total Hazard Index Across All Media and All Exposure Routes				38

Total Eye/Immune HI =	36
Total Liver HI =	0.85
Total Erythrocytes HI =	0.01
Total Blood HI =	0.098
Total Fetus HI =	0.58
Total CNS HI =	0.16
Total Longevity HI =	0.022
Total Skin HI =	0.22
Total Kidney HI =	0.04
Total Gastro-intestine HI =	0.023
Total Body Weight HI =	0.0074

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TABLE 9.18.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Construction Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area A without Outliers	Benzene	2.2E-012	9.1E-011	--	9.4E-011	Benzene	Blood	0.0000009	0.00014	--	0.00014
			Trichloroethene	4.3E-010	2.8E-008	--	2.9E-008	Trichloroethene	Liver	0.00025	0.00043	--	0.00068
			2-Methylnaphthalene	--	--	--	--	2-Methylnaphthalene	Erythrocytes	0.00012	0.0099	0.000047	0.01
			Benzo(a)anthracene	2.3E-008	2.1E-010	9.1E-009	3.3E-008	Benzo(a)anthracene	NA	--	--	--	--
			Benzo(a)pyrene	2.5E-007	9.3E-010	9.6E-008	3.4E-007	Benzo(a)pyrene	NA	--	--	--	--
			Benzo(b)fluoranthene	3.5E-008	6.3E-010	1.4E-008	4.9E-008	Benzo(b)fluoranthene	NA	--	--	--	--
			Benzo(k)fluoranthene	2.1E-009	5.0E-012	8.1E-010	2.9E-009	Benzo(k)fluoranthene	NA	--	--	--	--
			Dibenz(a,h)anthracene	1.5E-007	1.6E-010	6.0E-008	2.1E-007	Dibenz(a,h)anthracene	NA	--	--	--	--
			Indeno(1,2,3-cd)pyrene	1.9E-008	3.1E-011	7.4E-009	2.6E-008	Indeno(1,2,3-cd)pyrene	NA	--	--	--	--
			4,4'-DDE	2.7E-008	--	--	2.7E-008	4,4'-DDE	NA	--	--	--	--
			Aldrin	8.8E-007	2.6E-008	--	9.1E-007	Aldrin	Liver	0.12	--	--	0.12
			alpha-BHC	4.0E-008	1.5E-008	--	5.5E-008	alpha-BHC	NA	--	--	--	--
			alpha-chlordane	2.0E-009	1.7E-010	--	2.1E-009	alpha-chlordane	Liver	0.00078	0.00017	--	0.00095
			Aroclor 1242	--	--	--	--	Aroclor 1242	Fetus	0.17	0.017	0.07	0.26
			Aroclor 1248	--	--	--	--	Aroclor 1248	Eye/Immune	1.5	0.15	0.64	2.3
			Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	11	1.1	4.7	17
			Dieldrin	1.7E-007	1.6E-008	--	1.8E-007	Dieldrin	Liver	0.015	--	--	0.015
			Endosulfan sulfate	--	--	--	--	Endosulfan sulfate	Liver	0.003	--	--	0.003
			Endrin	--	--	--	--	Endrin	Liver	0.004	--	--	0.004
			Heptachlor	2.2E-008	1.9E-009	--	2.3E-008	Heptachlor	Liver	0.00067	--	--	0.00067
			Heptachlor epoxide	3.3E-007	1.3E-008	--	3.4E-007	Heptachlor epoxide	Liver	0.2	--	--	0.2
			Total PCBs	9.7E-006	1.9E-007	4.1E-006	1.4E-005	Total PCBs	NA	--	--	--	--
			Aluminum	--	--	--	--	Aluminum	CNS	0.034	0.0033	--	0.037
			Antimony	--	--	--	--	Antimony	Longevity	0.022	--	--	0.022
			Arsenic	1.3E-006	1.8E-009	1.1E-007	1.4E-006	Arsenic	Skin	0.2	--	0.018	0.22
			Barium	--	--	--	--	Barium	NOAEL	0.012	0.0008	--	0.013
			Cadmium	--	2.7E-010	--	2.7E-010	Cadmium	Kidney	0.021	0.000012	0.0025	0.024
			Chromium	--	--	--	--	Chromium	NA	0.023	--	--	0.023
			Copper	--	--	--	--	Copper	Gastro-intestine	0.023	--	--	0.023
			Iron	--	--	--	--	Iron	Liver	0.24	--	--	0.24
			Lead	--	--	--	--	Lead	CNS	--	--	--	--

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TABLE 9 18.RME

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs

REASONABLE MAXIMUM EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Construction Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
			Manganese	--	--	--	--	Manganese	CNS	0.097	0.022	--	0.12
			Mercury	--	--	--	--	Mercury	Autoimmune	0.002	--	--	0.002
			Nickel	--	--	--	--	Nickel	Body Weight	0.0059	--	--	0.0059
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.098	--	--	0.098
			Vanadium	--	--	--	--	Vanadium	NOAEL	0.011	--	--	0.011
			Cyanide	--	--	--	--	Cyanide	Body Weight	0.000028	--	--	0.000028
			(Total)	1.3E-005	3.0E-007	4.4E-006	1.8E-005	(Total)		14	1.3	5.4	21
			Total Risk Across All Media and All Exposure Routes				1.8E-005	Total Hazard Index Across All Media and All Exposure Routes					21

Total Eye/Immune HI =	19
Total Liver HI =	0.58
Total Erythrocytes HI =	0.01
Total Blood HI =	0.098
Total Fetus HI =	0.26
Total CNS HI =	0.16
Total Longevity HI =	0.022
Total Skin HI =	0.22
Total Kidney HI =	0.024
Total Gastro-intestine HI =	0.023
Total Body Weight HI =	0.0059

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TABLE 9.19 RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe Future
Receptor Population: Construction Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area B with Outliers	1,1-Dichloroethylene	1.9E-009	1.0E-007	--	1.0E-007	1,1-Dichloroethylene	Liver	0.000025	--	--	0.000025
			1,3-Dichlorobenzene	--	--	--	--	1,3-Dichlorobenzene	Liver	0.0015	--	--	0.0015
			Benzene	5.5E-010	2.3E-008	--	2.3E-008	Benzene	Blood	0.00023	0.034	--	0.034
			cis-1,2-Dichloroethene	--	--	--	--	cis-1,2-Dichloroethene	Blood	0.002	--	--	0.002
			Tetrachloroethylene	1.9E-009	3.3E-008	--	3.5E-008	Tetrachloroethylene	Liver	0.00025	0.0019	--	0.0022
			Trichloroethene	1.3E-007	8.7E-006	--	8.9E-006	Trichloroethene	Liver	0.078	0.13	--	0.21
			Vinyl chloride	1.2E-008	8.4E-008	--	9.6E-008	Vinyl chloride	Liver	0.00039	0.013	--	0.013
			2-Methylnaphthalene	--	--	--	--	2-Methylnaphthalene	Erythrocytes	0.0066	0.55	0.0026	0.56
			Acenaphthene	--	--	--	--	Acenaphthene	Liver	0.013	--	0.005	0.018
			Benzo(a)anthracene	3.2E-006	3.0E-008	1.3E-006	4.5E-006	Benzo(a)anthracene	NA	--	--	--	--
			Benzo(a)pyrene	2.4E-005	9.2E-008	9.5E-006	3.4E-005	Benzo(a)pyrene	NA	--	--	--	--
			Benzo(b)fluoranthene	8.1E-007	1.5E-008	3.2E-007	1.1E-006	Benzo(b)fluoranthene	NA	--	--	--	--
			Benzo(k)fluoranthene	1.8E-007	4.4E-010	7.1E-008	2.6E-007	Benzo(k)fluoranthene	NA	--	--	--	--
			Carbazole	8.0E-009	--	2.4E-009	1.0E-008	Carbazole	NA	--	--	--	--
			Chrysene	3.1E-008	9.4E-010	1.2E-008	4.3E-008	Chrysene	NA	--	--	--	--
			Dibenzofuran	--	--	--	--	Dibenzofuran	NA	--	--	--	--
			Dibenz(a,h)anthracene	4.1E-006	4.2E-009	1.6E-006	5.7E-006	Dibenz(a,h)anthracene	NA	--	--	--	--
			Fluoranthene	--	--	--	--	Fluoranthene	Liver	0.00025	--	0.000098	0.00035
			Fluorene	--	--	--	--	Fluorene	Blood	0.014	--	0.0054	0.019
			Indeno(1,2,3-cd)pyrene	1.0E-006	1.7E-009	4.0E-007	1.4E-006	Indeno(1,2,3-cd)pyrene	NA	--	--	--	--
			Naphthalene	--	--	--	--	Naphthalene	Erythrocytes	0.0024	0.2	0.00092	0.2
			Phenanthrene	--	--	--	--	Phenanthrene	Kidney	0.065	--	0.025	0.09
			Pyrene	--	--	--	--	Pyrene	Kidney	0.0037	--	0.0015	0.0052
			2,3,7,8-TCDD	4.8E-005	6.7E-009	4.3E-006	5.2E-005	2,3,7,8-TCDD	NA	--	--	--	--
			4,4'-DDE	1.4E-005	--	--	1.4E-005	4,4'-DDE	NA	--	--	--	--
			4,4'-DDT	3.4E-005	2.3E-007	3.0E-006	3.7E-005	4,4'-DDT	Liver	14	--	1.2	15
			Acetophenone	--	--	--	--	Acetophenone	General	0.000021	--	--	0.000021
			Aldrin	8.1E-005	2.4E-006	--	8.4E-005	Aldrin	Liver	11	--	--	11
			alpha-BHC	7.5E-007	2.7E-007	--	1.0E-006	alpha-BHC	NA	--	--	--	--
			alpha-chlordane	2.9E-008	2.6E-009	--	3.2E-008	alpha-chlordane	Liver	0.012	0.0026	--	0.015
			Aroclor 1242	--	--	--	--	Aroclor 1242	Fetus	32	3.2	14	49
			Aroclor 1248	--	--	--	--	Aroclor 1248	Eye/Immune	430	43	180	650
			Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	2000	200	830	3000
			Dieldrin	8.0E-004	7.5E-005	--	8.7E-004	Dieldrin	Liver	70	--	--	70
			Endosulfan sulfate	--	--	--	--	Endosulfan sulfate	Liver	0.19	--	--	0.19
			Endrin	--	--	--	--	Endrin	Liver	0.13	--	--	0.13
			Endrin aldehyde	--	--	--	--	Endrin aldehyde	Liver	1.7	--	--	1.7
			gamma-Chlordane	1.7E-005	2.4E-009	2.0E-006	1.9E-005	gamma-Chlordane	Liver	6.8	0.0024	0.82	7.6

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TABLE 9.19.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Construction Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
			Heptachlor	1.3E-006	1.2E-007	--	1.4E-006	Heptachlor	Liver	0.041	--	--	0.041
			Heptachlor epoxide	5.2E-005	2.0E-006	--	5.4E-005	Heptachlor epoxide	Liver	31	--	--	31
			Dioxin-like PCBs	2.2E-002	3.2E-006	2.0E-003	2.5E-002	Dioxin-like PCBs	NA	--	--	--	--
			Nondioxin-like PCBs	2.5E-003	5.0E-005	1.1E-003	3.6E-003	Nondioxin-like PCBs	NA	--	--	--	--
			Total PCBs	1.3E-003	2.5E-005	5.3E-004	1.8E-003	Total PCBs	NA	--	--	--	--
			Aluminum	--	--	--	--	Aluminum	CNS	0.094	0.0092	--	0.1
			Antimony	--	--	--	--	Antimony	Longevity	0.04	--	--	0.04
			Arsenic	2.8E-006	3.9E-009	2.5E-007	3.0E-006	Arsenic	Skin	0.43	--	0.039	0.47
			Barium	--	--	--	--	Barium	NOAEL	0.035	0.0024	--	0.037
			Cadmium	--	1.1E-009	--	1.1E-009	Cadmium	Kidney	0.089	0.000048	0.011	0.1
			Chromium	--	--	--	--	Chromium	NA	0.07	--	--	0.07
			Copper	--	--	--	--	Copper	Gastro-intestine	0.54	--	--	0.54
			Iron	--	--	--	--	Iron	Liver	0.43	--	--	0.43
			Lead	--	--	--	--	Lead	CNS	--	--	--	--
			Manganese	--	--	--	--	Manganese	CNS	0.093	0.021	--	0.11
			Mercury	--	--	--	--	Mercury	Autoimmune	0.01	--	--	0.01
			Silver	--	--	--	--	Silver	Skin	0.0055	--	--	0.0055
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.035	--	--	0.035
			Vanadium	--	--	--	--	Vanadium	NOAEL	0.033	--	--	0.033
			Zinc	--	--	--	--	Zinc	Blood Chemistry	0.018	--	--	0.018
			Cyanide	--	--	--	--	Cyanide	Body Weight	0.00015	--	--	0.00015
			(Total) (1)	2.3E-003	1.1E-004	5.5E-004	3.0E-003	(Total)		2600	250	1000	3800
			Total Risk Across All Media and All Exposure Routes (1)				3.0E-003	Total Hazard Index Across All Media and All Exposure Routes					3800

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 2.8E-002

Total Blood HI =	0.11
Total Liver HI =	140
Total Erythrocytes HI =	0.76
Total Eye/Immune HI =	3700
Total Kidney HI =	0.2
Total Fetus HI =	49
Total CNS HI =	0.21
Total Longevity HI =	0.04
Total Skin HI =	0.48
Total Gastro-intestine HI =	0.54
Total Body	0.00015

Notes
(1) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table. These are not evaluated for non-carcinogenic effects.

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TABLE 9.20.RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Construction Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area B without Outliers	1,1-Dichloroethylene	1.9E-009	1.0E-007	--	1.0E-007	1,1-Dichloroethylene	Liver	0.000025	--	--	0.000025
			1,3-Dichlorobenzene	--	--	--	--	1,3-Dichlorobenzene	Liver	0.0015	--	--	0.0015
			Benzene	5.5E-010	2.3E-008	--	2.3E-008	Benzene	Blood	0.00023	0.034	--	0.034
			cis-1,2-Dichloroethene	--	--	--	--	cis-1,2-Dichloroethene	Blood	0.00067	--	--	0.00067
			Tetrachloroethylene	1.0E-009	1.8E-008	--	1.9E-008	Tetrachloroethylene	Liver	0.00014	0.001	--	0.0011
			Trichloroethene	3.2E-008	2.1E-006	--	2.1E-006	Trichloroethene	Liver	0.019	0.032	--	0.051
			Vinyl chloride	1.2E-008	8.4E-008	--	9.6E-008	Vinyl chloride	Liver	0.00039	0.013	--	0.013
			2-Methylnaphthalene	--	--	--	--	2-Methylnaphthalene	Erythrocytes	0.00038	0.031	0.00015	0.032
			Acenaphthene	--	--	--	--	Acenaphthene	Liver	0.000051	--	0.00002	0.000071
			Benzo(a)anthracene	6.4E-008	5.9E-010	2.5E-008	9.0E-008	Benzo(a)anthracene	NA	--	--	--	--
			Benzo(a)pyrene	6.1E-007	2.3E-009	2.4E-007	8.5E-007	Benzo(a)pyrene	NA	--	--	--	--
			Benzo(b)fluoranthene	9.9E-008	1.8E-009	3.9E-008	1.4E-007	Benzo(b)fluoranthene	NA	--	--	--	--
			Benzo(k)fluoranthene	7.0E-009	1.7E-011	2.7E-009	9.7E-009	Benzo(k)fluoranthene	NA	--	--	--	--
			Carbazole	9.6E-010	--	2.9E-010	1.2E-009	Carbazole	NA	--	--	--	--
			Chrysene	9.3E-010	2.9E-011	3.6E-010	1.3E-009	Chrysene	NA	--	--	--	--
			Dibenzofuran	--	--	--	--	Dibenzofuran	NA	--	--	--	--
			Dibenz(a,h)anthracene	5.2E-007	5.4E-010	2.0E-007	7.3E-007	Dibenz(a,h)anthracene	NA	--	--	--	--
			Fluoranthene	--	--	--	--	Fluoranthene	Liver	0.029	--	0.011	0.04
			Fluorene	--	--	--	--	Fluorene	Blood	0.0005	--	0.00019	0.00069
			Indeno(1,2,3-cd)pyrene	5.5E-008	9.1E-011	2.2E-008	7.7E-008	Indeno(1,2,3-cd)pyrene	NA	--	--	--	--
			Naphthalene	--	--	--	--	Naphthalene	Erythrocytes	0.00045	0.037	0.00017	0.038
			Phenanthrene	--	--	--	--	Phenanthrene	Kidney	0.0002	--	0.000076	0.00028
			Pyrene	--	--	--	--	Pyrene	Kidney	0.00027	--	0.00011	0.00038
			2,3,7,8-TCDD	4.8E-005	6.7E-009	4.3E-006	5.2E-005	2,3,7,8-TCDD	NA	--	--	--	--
			4,4'-DDE	2.8E-007	--	--	2.8E-007	4,4'-DDE	NA	--	--	--	--
			4,4'-DDT	1.3E-008	8.9E-011	1.2E-009	1.4E-008	4,4'-DDT	Liver	0.0054	--	0.00049	0.0059
			Acetophenone	--	--	--	--	Acetophenone	General	0.000021	--	--	0.000021
			Aldrin	1.2E-005	3.3E-007	--	1.2E-005	Aldrin	Liver	1.6	--	--	1.6
			alpha-BHC	2.3E-007	8.3E-008	--	3.1E-007	alpha-BHC	NA	--	--	--	--
			alpha-chlordane	9.6E-009	8.4E-010	--	1.0E-008	alpha-chlordane	Liver	0.0038	0.00084	--	0.0046
			Aroclor 1242	--	--	--	--	Aroclor 1242	Fetus	1.2	0.12	0.49	1.8
			Aroclor 1248	--	--	--	--	Aroclor 1248	Eye/Immune	63	6.3	27	96
			Aroclor 1254	--	--	--	--	Aroclor 1254	Eye/Immune	240	24	100	360
			Dieldrin	2.0E-005	1.9E-006	--	2.2E-005	Dieldrin	Liver	1.7	--	--	1.7
			Endosulfan sulfate	--	--	--	--	Endosulfan sulfate	Liver	0.023	--	--	0.023
			Endrin	--	--	--	--	Endrin	Liver	0.018	--	--	0.018
			Endrin aldehyde	--	--	--	--	Endrin aldehyde	Liver	0.037	--	--	0.037
			gamma-Chlordane	4.5E-009	6.2E-013	5.4E-010	5.0E-009	gamma-Chlordane	Liver	0.0018	0.00000062	0.00021	0.002

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TABLE 9.20 RME
SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Construction Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
			Heptachlor	9.7E-008	8.6E-009	--	1.1E-007	Heptachlor	Liver	0.003	--	--	0.003
			Heptachlor epoxide	1.5E-006	5.8E-008	--	1.5E-006	Heptachlor epoxide	Liver	0.88	--	--	0.88
			Dioxin-like PCBs	2.2E-002	3.2E-006	2.0E-003	2.5E-002	Dioxin-like PCBs	NA	--	--	--	--
			Nondioxin-like PCBs	2.5E-003	5.0E-005	1.1E-003	3.6E-003	Nondioxin-like PCBs	NA	--	--	--	--
			Total PCBs	1.8E-004	3.6E-006	7.5E-005	2.6E-004	Total PCBs	NA	--	--	--	--
			Aluminum	--	--	--	--	Aluminum	CNS	0.049	0.0048	--	0.054
			Antimony	--	--	--	--	Antimony	Longevity	0.04	--	--	0.04
			Arsenic	1.5E-006	2.1E-009	1.4E-007	1.6E-006	Arsenic	Skin	0.23	--	0.021	0.25
			Barium	--	--	--	--	Barium	NOAEL	0.035	0.0024	--	0.037
			Cadmium	--	1.1E-009	--	1.1E-009	Cadmium	Kidney	0.089	0.000048	0.011	0.1
			Chromium	--	--	--	--	Chromium	NA	0.03	--	--	0.03
			Copper	--	--	--	--	Copper	Gastro-intestine	0.017	--	--	0.017
			Cyanide	--	--	--	--	Cyanide	Body Weight	0.000054	--	--	0.000054
			Iron	--	--	--	--	Iron	Liver	0.25	--	--	0.25
			Lead	--	--	--	--	Lead	CNS	--	--	--	--
			Manganese	--	--	--	--	Manganese	CNS	0.056	0.013	--	0.069
			Mercury	--	--	--	--	Mercury	Autoimmune	0.0041	--	--	0.0041
			Silver	--	--	--	--	Silver	Skin	0.0055	--	--	0.0055
			Thallium	--	--	--	--	Thallium	Blood Chemistry	0.03	--	--	0.03
			Vanadium	--	--	--	--	Vanadium	NOAEL	0.017	--	--	0.017
			Zinc	--	--	--	--	Zinc	Blood Chemistry	0.0056	--	--	0.0056
			(Total) (1)	2.6E-004	8.2E-006	8.0E-005	3.5E-004	(Total)		310	31	130	460
			Total Risk Across All Media and All Exposure Routes (1)				3.5E-004	Total Hazard Index Across All Media and All Exposure Routes					460

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 2.8E-002

Total Blood HI =	0.071
Total Liver HI =	4.6
Total Erythrocytes HI =	0.07
Total Eye/Immune HI =	460
Total Kidney HI =	0.1
Total Fetus HI =	1.8
Total CNS HI =	0.12
Total Longevity HI =	0.04
Total Skin HI =	0.26
Total Gastro-intestine HI =	0.017
Total Body	0.000054

Notes:
(1) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table. These are not evaluated for non-carcinogenic effects.

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TABLE 10.1.RME

RISK ASSESSMENT SUMMARY

REASONABLE MAXIMUM EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Surface Soil	Surface Soil	Area A	Benzo(a)pyrene	1.4E-006	4.4E-010	1.7E-006	3.2E-006	Aroclor 1254	Eye/Immune	9.1	0.22	12	21
			Aldrin	1.1E-005	2.5E-008	--	1.1E-005						
			Total PCBs	4.9E-005	2.3E-007	6.5E-005	1.1E-004						
			Arsenic	9.5E-006	3.8E-009	2.7E-006	1.2E-005						
			(Total)	7.1E-005	2.6E-007	7.0E-005	1.4E-004	(Total)		9.1	0.22	12	21
			Total Risk Across All Media and All Exposure Routes				1.4E-004	Total Hazard Index Across All Media and All Exposure Routes					21

Total Eye/Immune HI = 21

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TABLE 10.1.CT

RISK ASSESSMENT SUMMARY

CENTRAL TENDENCY EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Surface Soil	Surface Soil	Area A						Aroclor 1254	Eye/Immune	2.3	0.046	1.2	3.5
			(Total)	0.0E+000	0.0E+000	0.0E+000	0.0E+000	(Total)		2.3	0.046	1.2	3.5
			Total Risk Across All Media and All Exposure Routes				0.0E+000	Total Hazard Index Across All Media and All Exposure Routes					3.5

Total Eye/Immune HI = 3.5

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TABLE 10.2.RME
RISK ASSESSMENT SUMMARY
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Surface Soil	Surface Soil	Area B with Outliers											
			Benzo(a)anthracene	2.1E-005	1.5E-008	2.6E-005	4.6E-005						
			Benzo(a)pyrene	1.2E-004	3.7E-008	1.5E-004	2.6E-004						
			Benzo(b)fluoranthene	3.4E-006	5.0E-009	4.2E-006	7.7E-006						
			Benzo(k)fluoranthene	1.0E-006	2.1E-010	1.3E-006	2.3E-006						
			Dibenz(a,h)anthracene	1.5E-005	1.4E-009	1.9E-005	3.4E-005						
			Indeno(1,2,3-cd)pyrene	5.9E-006	8.4E-010	7.3E-006	1.3E-005						
			2,3,7,8-TCDD	8.3E-005	3.2E-009	2.4E-005	1.1E-004						
			4,4'-DDE	1.3E-005	--	--	1.3E-005						
			alpha-BHC	1.0E-006	3.0E-008	--	1.1E-006						
								Aroclor 1254	Eye/Immune	230	5.6	310	550
			Dieldrin	1.0E-004	7.6E-007	--	1.0E-004						
			Heptachlor epoxide	7.7E-005	2.4E-007	--	7.7E-005	Heptachlor epoxide	Liver	5.1	--	--	5.1
			Dioxin-like PCBs	3.9E-002	1.5E-006	1.1E-002	5.0E-002						
			Nondioxin-like PCBs	4.4E-003	2.1E-005	5.8E-003	1.0E-002						
			Total PCBs	1.2E-003	6.0E-006	1.7E-003	2.9E-003						
			Arsenic	3.3E-006	1.3E-009	9.5E-007	4.3E-006						
			(Total) (1)	1.7E-003	7.1E-006	1.9E-003	3.6E-003	(Total)		240	5.6	310	560

Total Risk Across All Media and All Exposure Routes (1) 3.6E-003

Total Hazard Index Across All Media and All Exposure Routes 560

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 6.0E-002

Total Eye/Immune HI = 550

Total Liver HI = 5.1

Notes:

(1) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table. These are not evaluated for non-carcinogenic effects.

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TABLE 10.2.CT
RISK ASSESSMENT SUMMARY
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Surface Soil	Surface Soil	Area B with Outliers											
			Benzo(a)anthracene	5.2E-006	3.2E-009	2.6E-006	7.7E-006						
			Benzo(a)pyrene	2.9E-005	7.6E-009	1.5E-005	4.4E-005						
			Benzo(b)fluoranthene	8.6E-007	1.0E-009	4.2E-007	1.3E-006						
			Dibenz(a,h)anthracene	3.8E-006	3.0E-010	1.9E-006	5.7E-006						
			Indeno(1,2,3-cd)pyrene	1.5E-006	1.8E-010	7.3E-007	2.2E-006						
			2,3,7,8-TCDD	2.1E-005	6.8E-010	2.4E-006	2.3E-005						
			4,4'-DDE	3.2E-006	--	--	3.2E-006						
								Aroclor 1254	Eye/Immune	58	1.2	31	90
			Dieldrin	2.5E-005	1.6E-007	--	2.5E-005						
			Heptachlor epoxide	1.9E-005	5.1E-008	--	1.9E-005	Heptachlor epoxide	Liver	1.3	--	--	1.3
			Dioxin-like PCBs	9.8E-003	3.2E-007	1.1E-003	1.1E-002						
			Nondioxin-like PCBs	1.1E-003	4.4E-006	5.8E-004	1.7E-003						
			Total PCBs	3.1E-004	1.2E-006	1.7E-004	4.8E-004						
			(Total) (1)	4.2E-004	1.5E-006	1.9E-004	6.1E-004	(Total)		59	1.2	31	91

Total Risk Across All Media and All Exposure Routes (1) 6.1E-004

Total Hazard Index Across All Media and All Exposure Routes 91

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 1.3E-002

Total Eye/Immune HI = 90

Total Liver HI = 1.3

Notes:

(1) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table. These are not evaluated for non-carcinogenic effects.

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TABLE 10.3.RME

RISK ASSESSMENT SUMMARY

REASONABLE MAXIMUM EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Surface Soil	Surface Soil	Area B without Outliers											
			Benzo(a)pyrene	1.4E-006	4.4E-010	1.7E-006	3.2E-006						
			2,3,7,8-TCDD	8.3E-005	3.2E-009	2.4E-005	1.1E-004						
								Aroclor 1254	Eye/Immune	15	0.35	19	34
			Dieldrin	1.8E-005	1.4E-007	--	1.8E-005						
			Heptachlor epoxide	4.2E-006	1.3E-008	--	4.2E-006						
			Dioxin-like PCBs	3.9E-002	1.5E-006	1.1E-002	5.0E-002						
			Nondioxin-like PCBs	4.4E-003	2.1E-005	5.8E-003	1.0E-002						
			Total PCBs	1.3E-004	6.1E-007	1.7E-004	3.0E-004						
			Arsenic	3.3E-006	1.3E-009	9.5E-007	4.3E-006						
			(Total) (1)	2.4E-004	7.7E-007	2.0E-004	4.4E-004	(Total)		15	0.35	19	34

Total Risk Across All Media and All Exposure Routes (1) 4.4E-004

Total Hazard Index Across All Media and All Exposure Routes 34

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 6.0E-002

Total Eye/Immune HI = 34

Notes:

(1) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table. These are not evaluated for non-carcinogenic effects.

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TABLE 10.3.CT

RISK ASSESSMENT SUMMARY

CENTRAL TENDENCY EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Surface Soil	Surface Soil	Area B without outliers						Aroclor 1254	Eye/Immune	3.6	0.073	1.9	5.6
			(Total)	0.0E+000	0.0E+000	0.0E+000	0.0E+000	(Total)		3.6	0.073	1.9	5.6
			Total Risk Across All Media and All Exposure Routes				0.0E+000	Total Hazard Index Across All Media and All Exposure Routes					5.6

Total Eye/Immune HI = 5.6

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TABLE 10.4.RME
RISK ASSESSMENT SUMMARY
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Surface Soil	Surface Soil	Area A	Benzo(a)anthracene	7.1E-007	2.7E-009	6.1E-007	1.3E-006						
			Benzo(a)pyrene	6.4E-006	1.0E-008	5.5E-006	1.2E-005						
			Benzo(b)fluoranthene	9.2E-007	6.8E-009	7.9E-007	1.7E-006						
			Dibenz(a,h)anthracene	1.1E-006	5.9E-010	9.7E-007	2.1E-006						
			Aldrin	4.9E-005	5.8E-007	--	5.0E-005						
			Total PCBs	2.2E-004	8.9E-006	2.1E-004	4.4E-004	Aroclor 1254	Eye/Immune	15	3	14	32
			Arsenic	4.3E-005	1.4E-007	8.6E-006	5.2E-005						
			(Total)	3.2E-004	9.7E-006	2.2E-004	5.6E-004	(Total)		15	3	14	32
			Total Risk Across All Media and All Exposure Routes				5.6E-004	Total Hazard Index Across All Media and All Exposure Routes					32

Total Eye/Immune HI = 32

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TABLE 10.4.CT

RISK ASSESSMENT SUMMARY

CENTRAL TENDENCY EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Surface Soil	Surface Soil	Area A						Aroclor 1254	Eye/Immune	15	2.9	1.3	19
			(Total)	0.0E+000	0.0E+000	0.0E+000	0.0E+000	(Total)		15	2.9	1.3	19
			Total Risk Across All Media and All Exposure Routes				0.0E+000	Total Hazard Index Across All Media and All Exposure Routes					19

Total Eye/Immune HI = 19

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TABLE 10.5.RME
RISK ASSESSMENT SUMMARY
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Surface Soil	Surface Soil	Area B with Outliers											
			Trichloroethene	7.0E-008	1.8E-006	--	1.9E-006						
			Benzo(a)anthracene	9.4E-005	3.6E-007	8.1E-005	1.8E-004						
			Benzo(a)pyrene	5.3E-004	8.6E-007	4.6E-004	9.9E-004						
			Benzo(b)fluoranthene	1.6E-005	1.2E-007	1.3E-005	2.9E-005						
			Benzo(k)fluoranthene	4.6E-006	5.0E-009	4.0E-006	8.6E-006						
			Chrysene	8.5E-007	1.1E-008	7.3E-007	1.6E-006						
			Dibenz(a,h)anthracene	6.9E-005	3.6E-008	5.9E-005	1.3E-004						
			Indeno(1,2,3-cd)pyrene	2.7E-005	2.1E-008	2.3E-005	5.0E-005						
			2,3,7,8-TCDD	3.8E-004	1.2E-007	7.5E-005	4.5E-004						
			4,4'-DDE	5.8E-005	--	--	5.8E-005						
			4,4'-DDT	2.1E-006	6.4E-009	4.2E-007	2.6E-006						
			alpha-BHC	4.8E-006	6.9E-007	--	5.4E-006						
								Aroclor 1254	Eye/Immune	380	76	350	810
			Dieldrin	4.6E-004	1.7E-005	--	4.8E-004	Dieldrin	Liver	1.6	--	--	1.6
			gamma-Chlordane	1.1E-006	3.6E-010	2.9E-007	1.4E-006						
			Heptachlor	2.7E-006	9.6E-008	--	2.8E-006						
			Heptachlor epoxide	3.5E-004	5.6E-006	--	3.6E-004	Heptachlor epoxide	Liver	8.3	--	--	8.3
			Dioxin-like PCBs	1.6E-001	5.9E-005	3.5E-002	2.0E-001						
			Nondioxin-like PCBs	2.0E-002	8.0E-004	1.8E-002	3.9E-002						
			Total PCBs	5.7E-003	2.3E-004	5.3E-003	1.1E-002						
			Arsenic	1.5E-005	4.9E-008	3.0E-006	1.8E-005						
			(Total) (1)	7.7E-003	2.5E-004	6.0E-003	1.4E-002	(Total)		390	76	350	820

Total Risk Across All Media and All Exposure Routes (1) 1.4E-002

Total Hazard Index Across All Media and All Exposure Routes 820

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 2.4E-001

Total Eye/Immune HI = 810
Total Liver HI = 9.9

Notes:
(1) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table. These are not evaluated for non-carcinogenic effects.

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TABLE 10.5.CT

RISK ASSESSMENT SUMMARY

CENTRAL TENDENCY EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Surface Soil	Surface Soil	Area B with outliers											
			Benzo(a)anthracene	2.4E-005	9.2E-008	2.1E-006	2.6E-005						
			Benzo(a)pyrene	1.4E-004	2.2E-007	1.2E-005	1.5E-004						
			Benzo(b)fluoranthene	4.0E-006	3.0E-008	3.4E-007	4.4E-006						
			Benzo(k)fluoranthene	1.2E-006	1.3E-009	1.0E-007	1.3E-006						
			Dibenz(a,h)anthracene	1.8E-005	9.3E-009	1.5E-006	1.9E-005						
			Indeno(1,2,3-cd)pyrene	6.9E-006	5.3E-009	5.9E-007	7.5E-006						
			2,3,7,8-TCDD	9.7E-005	3.2E-008	1.9E-006	9.9E-005						
			4,4'-DDE	1.5E-005	--	--	1.5E-005						
			alpha-BHC	1.2E-006	1.8E-007	--	1.4E-006						
								Aroclor 1254	Eye/Immune	370	74	34	480
			Dieldrin	1.2E-004	4.4E-006	--	1.2E-004	Dieldrin	Liver	1.6	--	--	1.6
			Heptachlor epoxide	9.0E-005	1.4E-006	--	9.2E-005	Heptachlor epoxide	Liver	8.1	--	--	8.1
			Dioxin-like PCBs	4.5E-002	1.5E-005	9.1E-004	4.6E-002						
			Nondioxin-like PCBs	5.1E-003	2.0E-004	4.7E-004	5.8E-003						
			Total PCBs	1.5E-003	5.8E-005	1.3E-004	1.7E-003						
			Arsenic	3.9E-006	1.3E-008	7.7E-008	4.0E-006						
			(Total) (1)	2.0E-003	6.5E-005	1.5E-004	2.2E-003	(Total)		380	74	34	490

Total Risk Across All Media and All Exposure Routes (1) 2.2E-003

Total Hazard Index Across All Media and All Exposure Routes 490

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 5.2E-002

Total Eye/Immune HI = 480

Total Liver HI = 9.7

Notes:

(1) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table. These are not evaluated for non-carcinogenic effects.

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TABLE 10.6.RME

RISK ASSESSMENT SUMMARY

REASONABLE MAXIMUM EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Surface Soil	Surface Soil	Area B without Outliers											
			Benzo(a)anthracene	6.2E-007	2.4E-009	5.3E-007	1.2E-006						
			Benzo(a)pyrene	6.4E-006	1.0E-008	5.5E-006	1.2E-005						
			Benzo(b)fluoranthene	7.6E-007	5.6E-009	6.5E-007	1.4E-006						
			Dibenz(a,h)anthracene	1.4E-006	7.4E-010	1.2E-006	2.6E-006						
			2,3,7,8-TCDD	3.8E-004	1.2E-007	7.5E-005	4.5E-004						
			4,4'-DDE	1.5E-006	--	--	1.5E-006						
								Aroclor 1254	Eye/Immune	24	4.8	22	51
			Dieldrin	8.3E-005	3.1E-006	--	8.6E-005						
			Heptachlor epoxide	1.9E-005	3.1E-007	--	1.9E-005						
			Dioxin-like PCBs	1.6E-001	5.9E-005	3.5E-002	2.0E-001						
			Nondioxin-like PCBs	2.0E-002	7.9E-004	1.8E-002	3.9E-002						
			Total PCBs	5.8E-004	2.3E-005	5.4E-004	1.1E-003						
			Arsenic	1.5E-005	4.9E-008	3.0E-006	1.8E-005						
			(Total) (1)	1.1E-003	2.7E-005	6.2E-004	1.7E-003	(Total)		24	4.8	22	51

Total Risk Across All Media and All Exposure Routes (1) 1.7E-003

Total Hazard Index Across All Media and All Exposure Routes 51

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 2.4E-001

Total Eye/Immune HI = 51

Notes:

(1) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table. These are not evaluated for non-carcinogenic effects.

302199

TABLE 10.6.CT

RISK ASSESSMENT SUMMARY

CENTRAL TENDENCY EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Surface Soil	Surface Soil	Area B without outliers											
			Benzo(a)pyrene	1.7E-006	2.7E-009	1.4E-007	1.8E-006						
			2,3,7,8-TCDD	9.7E-005	3.2E-008	1.9E-006	9.9E-005						
								Aroclor 1254	Eye/Immune	23	4.7	2.2	30
			Dieldrin	2.1E-005	8.1E-007	--	2.2E-005						
			Heptachlor epoxide	4.9E-006	7.9E-008	--	5.0E-006						
			Dioxin-like PCBs	4.5E-002	1.5E-005	9.1E-004	4.6E-002						
			Nondioxin-like PCBs	5.1E-003	2.0E-004	4.7E-004	5.8E-003						
			Total PCBs	1.5E-004	6.0E-006	1.4E-005	1.7E-004						
			Arsenic	3.9E-006	1.3E-008	7.7E-008	4.0E-006						
			(Total) (1)	2.8E-004	6.9E-006	1.6E-005	3.0E-004	(Total)		23	4.7	2.2	30
			Total Risk Across All Media and All Exposure Routes (1)				3.0E-004	Total Hazard Index Across All Media and All Exposure Routes					30

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 5.2E-002

Total Eye/Immune HI = 30

Notes:

(1) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table. These are not evaluated for non-carcinogenic effects.

302200

TABLE 10.7.RME

RISK ASSESSMENT SUMMARY

REASONABLE MAXIMUM EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current/ Future
Receptor Population: Site Worker (Indoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Building Dust	Building Dust	Building Interior						Aroclor 1254	Eye/Immune	51	--	94	150
			(Total)	0.0E+000	0.0E+000	0.0E+000	0.0E+000	(Total)		51	--	94	150
Site Soils	Air	Indoor Air - Area A											
			(Total)	0.0E+000	0.0E+000	0.0E+000	0.0E+000	(Total)		--	--	--	--
			Total Risk Across All Media and All Exposure Routes				0.0E+000	Total Hazard Index Across All Media and All Exposure Routes					150

Total Eye/Immune HI = 150

302201

TABLE 10.7.CT

RISK ASSESSMENT SUMMARY

REASONABLE MAXIMUM EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current/ Future
Receptor Population: Site Worker (Indoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Building Dust	Building Dust	Building Interior						Aroclor 1254	Eye/Immune	44	--	8.2	52
			(Total)	0.0E+000	0.0E+000	0.0E+000	0.0E+000	(Total)		44	--	8.2	52
Site Soils	Air	Indoor Air - Area A											
			(Total)	0.0E+000	0.0E+000	0.0E+000	0.0E+000	(Total)		--	--	--	--
			Total Risk Across All Media and All Exposure Routes				0.0E+000	Total Hazard Index Across All Media and All Exposure Routes					52

Total Eye/Immune HI = 52

302202

TABLE 10.8.RME

RISK ASSESSMENT SUMMARY

REASONABLE MAXIMUM EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current/ Future
Receptor Population: Site Worker (Indoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Building Dust	Building Dust	Building Interior						Aroclor 1254	Eye/Immune	51	--	94	150
			Arsenic	5.1E-006	--	2.0E-006	7.1E-006						
			(Total)	5.1E-006	0.0E+000	2.0E-006	7.1E-006	(Total)		51	--	94	150
Site Soils	Air	Indoor Air - Area B	1,1-Dichloroethylene	--	1.4E-005	--	1.4E-005						
			Benzene	--	2.2E-006	--	2.2E-006						
			Tetrachloroethylene	--	4.8E-006	--	4.8E-006						
			Trichloroethene	--	9.9E-004	--	9.9E-004						
			Vinyl chloride	--	8.2E-006	--	8.2E-006						
			(Total)	--	1.0E-003	--	1.0E-003	(Total)		--	--	--	--
			Total Risk Across All Media and All Exposure Routes				1.0E-003	Total Hazard Index Across All Media and All Exposure Routes					150

Total Eye/Immune HI = 150

302203

TABLE 10.8.CT

RISK ASSESSMENT SUMMARY

REASONABLE MAXIMUM EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Current/ Future
Receptor Population: Site Worker (Indoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Building Dust	Building Dust	Building Interior						Aroclor 1254	Eye/Immune	44	--	8.2	52
			Arsenic	1.2E-006	--	4.6E-008	1.2E-006						
			(Total)	1.2E-006	0.0E+000	4.6E-008	1.2E-006	(Total)		44	--	8.2	52
Site Soils	Air	Indoor Air - Area B	1,1-Dichloroethylene	--	3.2E-006	--	3.2E-006						
			Tetrachloroethylene	--	1.1E-006	--	1.1E-006						
			Trichloroethene	--	2.3E-004	--	2.3E-004						
			Vinyl chloride	--	1.9E-006	--	1.9E-006						
			(Total)	--	2.4E-004	--	2.4E-004	(Total)		--	--	--	--
			Total Risk Across All Media and All Exposure Routes				2.4E-004	Total Hazard Index Across All Media and All Exposure Routes					52

Total Eye/Immune HI = 52

302204

TABLE 10.9.RME

RISK ASSESSMENT SUMMARY

REASONABLE MAXIMUM EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area A with Outliers						Aroclor 1248	Eye/Immune	1.7	0.04	2.2	3.9
								Aroclor 1254	Eye/Immune	2.9	0.07	3.9	6.9
			(Total)	0.0E+000	0.0E+000	0.0E+000	0.0E+000	(Total)		4.6	0.11	6.1	11
			Total Risk Across All Media and All Exposure Routes				0.0E+000	Total Hazard Index Across All Media and All Exposure Routes					11

Total Eye/Immune HI = 11

302205

TABLE 10.9.CT
RISK ASSESSMENT SUMMARY
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area A with outliers						Aroclor 1254	Eye/Immune	0.72	0.014	0.39	1.1
			(Total)	0.0E+000	0.0E+000	0.0E+000	0.0E+000	(Total)		0.72	0.014	0.39	1.1
			Total Risk Across All Media and All Exposure Routes				0.0E+000	Total Hazard Index Across All Media and All Exposure Routes					1.1

Total Eye/Immune HI = 1.1

302206

TABLE 10.10.RME

RISK ASSESSMENT SUMMARY

REASONABLE MAXIMUM EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area A without Outliers						Aroclor 1254	Eye/Immune	2.1	0.052	2.9	5.1
			(Total)	0.0E+000	0.0E+000	0.0E+000	0.0E+000	(Total)		2.1	0.052	2.9	5.1
			Total Risk Across All Media and All Exposure Routes				0.0E+000	Total Hazard Index Across All Media and All Exposure Routes					5.1

Total Eye/Immune HI = 5.1

302207

TABLE 10.10.CT
RISK ASSESSMENT SUMMARY
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area A without outliers											
			(Total)	0.0E+000	0.0E+000	0.0E+000	0.0E+000	(Total)		--	--	--	--
			Total Risk Across All Media and All Exposure Routes				0.0E+000	Total Hazard Index Across All Media and All Exposure Routes					--

302208

TABLE 10.11.RME
RISK ASSESSMENT SUMMARY
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area B with Outliers											
			Trichloroethene	2.3E-007	1.2E-006	--	1.4E-006						
			Benzo(a)anthracene	5.6E-006	4.2E-009	6.9E-006	1.3E-005						
			Benzo(a)pyrene	4.2E-005	1.3E-008	5.2E-005	9.5E-005						
			Benzo(b)fluoranthene	1.4E-006	2.1E-009	1.7E-006	3.2E-006						
			Dibenz(a,h)anthracene	7.1E-006	6.6E-010	8.7E-006	1.6E-005						
			Indeno(1,2,3-cd)pyrene	1.8E-006	2.5E-010	2.2E-006	3.9E-006						
			2,3,7,8-TCDD	8.3E-005	3.2E-009	2.4E-005	1.1E-004						
			4,4'-DDE	2.4E-005	--	--	2.4E-005						
			4,4'-DDT	5.8E-005	3.3E-008	1.7E-005	7.5E-005	4,4'-DDT	Liver	2.7	--	0.76	3.5
			Aldrin	1.4E-004	3.3E-007	--	1.4E-004	Aldrin	Liver	2.1	--	--	2.1
			alpha-BHC	1.3E-006	3.8E-008	--	1.3E-006						
								Aroclor 1242	Fetus	6.2	0.15	8.3	15
								Aroclor 1248	Eye/Immune	83	2	110	200
								Aroclor 1254	Eye/Immune	380	9.2	510	900
			Dieldrin	1.4E-003	1.0E-005	--	1.4E-003	Dieldrin	Liver	13	--	--	13
			gamma-Chlordane	3.0E-005	1.2E-009	1.1E-005	4.1E-005	gamma-Chlordane	Liver	1.3	0.00013	0.5	1.8
			Heptachlor	2.3E-006	1.6E-008	--	2.3E-006						
			Heptachlor epoxide	9.0E-005	2.8E-007	--	9.0E-005	Heptachlor epoxide	Liver	5.9	--	--	5.9
			Dioxin-like PCBs	3.9E-002	1.5E-006	1.1E-002	5.0E-002						
			Nondioxin-like PCBs	4.4E-003	2.1E-005	5.8E-003	1.0E-002						
			Total PCBs	2.2E-003	1.0E-005	2.9E-003	5.1E-003						
			Arsenic	4.8E-006	1.9E-009	1.4E-006	6.2E-006						
			(Total) (1)	4.1E-003	2.3E-005	3.0E-003	7.1E-003	(Total)		490	11	630	1100

Total Risk Across All Media and All Exposure Routes (1) 7.1E-003

Total Hazard Index Across All Media and All Exposure Routes 1100

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 6.0E-002

Total Liver HI = 26
Total Fetus HI = 15
Total Eye/Immune HI = 1100

Notes:
(1) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table. These are not evaluated for non-carcinogenic effects.

302209

TABLE 10.11.CT
RISK ASSESSMENT SUMMARY
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area B with outliers											
			Benzo(a)anthracene	1.4E-006	8.7E-010	6.9E-007	2.1E-006						
			Benzo(a)pyrene	1.1E-005	2.7E-009	5.2E-006	1.6E-005						
			Dibenz(a,h)anthracene	1.8E-006	1.4E-010	8.7E-007	2.6E-006						
			2,3,7,8-TCDD	2.1E-005	6.8E-010	2.4E-006	2.3E-005						
			4,4'-DDE	6.1E-006	--	--	6.1E-006						
			4,4'-DDT	1.5E-005	6.9E-009	1.7E-006	1.6E-005						
			Aldrin	3.5E-005	6.9E-008	--	3.5E-005						
								Aroclor 1242	Fetus	1.5	0.031	0.83	2.4
								Aroclor 1248	Eye/Immune	21	0.42	11	32
								Aroclor 1254	Eye/Immune	95	1.9	51	150
			Dieldrin	3.5E-004	2.2E-006	--	3.5E-004	Dieldrin	Liver	3.4	--	--	3.4
			gamma-Chlordane	7.4E-006	2.4E-010	1.1E-006	8.5E-006						
			Heptachlor epoxide	2.2E-005	5.9E-008	--	2.3E-005	Heptachlor epoxide	Liver	1.5	--	--	1.5
			Dioxin-like PCBs	9.8E-003	3.2E-007	1.1E-003	1.1E-002						
			Nondioxin-like PCBs	1.1E-003	4.4E-006	5.8E-004	1.7E-003						
			Total PCBs	5.4E-004	2.2E-006	2.9E-004	8.4E-004						
			Arsenic	1.2E-006	3.9E-010	1.4E-007	1.3E-006						
			(Total) (1)	1.0E-003	4.5E-006	3.0E-004	1.3E-003	(Total)		120	2.4	63	190

Total Risk Across All Media and All Exposure Routes (1) 1.3E-003

Total Hazard Index Across All Media and All Exposure Routes 190

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 1.3E-002

Total Fetus HI = 2.4
Total Eye/Immune HI = 180
Total Liver HI = 4.9

Notes:
(1) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table. These are not evaluated for non-carcinogenic effects.

302210

TABLE 10.12.RME
RISK ASSESSMENT SUMMARY
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area B without Outliers											
			Benzo(a)pyrene	1.1E-006	3.3E-010	1.3E-006	2.4E-006						
			Dibenz(a,h)anthracene	9.1E-007	8.5E-011	1.1E-006	2.0E-006						
			2,3,7,8-TCDD	8.3E-005	3.2E-009	2.4E-005	1.1E-004						
			Aldrin	2.0E-005	4.7E-008	--	2.0E-005						
								Aroclor 1248	Eye/Immune	12	0.29	16	28
								Aroclor 1254	Eye/Immune	47	1.1	63	110
			Dieldrin	3.4E-005	2.6E-007	--	3.4E-005						
			Heptachlor epoxide	2.6E-006	8.1E-009	--	2.6E-006						
			Dioxin-like PCBs	3.9E-002	1.5E-006	1.1E-002	5.0E-002						
			Nondioxin-like PCBs	4.4E-003	2.1E-005	5.8E-003	1.0E-002						
			Total PCBs	3.1E-004	1.5E-006	4.1E-004	7.3E-004						
			Arsenic	2.6E-006	1.0E-009	7.4E-007	3.3E-006						
			(Total) (1)	4.5E-004	1.8E-006	4.4E-004	9.0E-004	(Total)		59	1.4	79	140

Total Risk Across All Media and All Exposure Routes (1) 9.0E-004

Total Hazard Index Across All Media and All Exposure Routes 140

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 6.0E-002

Total Eye/Immune HI = 140

Notes:

(1) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table. These are not evaluated for non-carcinogenic effects.

302211

TABLE 10.12.CT
RISK ASSESSMENT SUMMARY
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area B without outliers											
			2,3,7,8-TCDD	2.1E-005	6.8E-010	2.4E-006	2.3E-005						
			Aldrin	5.0E-006	9.8E-009	--	5.0E-006						
								Aroclor 1248	Eye/Immune	3	0.061	1.6	4.7
								Aroclor 1254	Eye/Immune	12	0.24	6.3	19
			Dieldrin	8.6E-006	5.4E-008	--	8.6E-006						
			Dioxin-like PCBs	9.8E-003	3.2E-007	1.1E-003	1.1E-002						
			Nondioxin-like PCBs	1.1E-003	4.4E-006	5.8E-004	1.7E-003						
			Total PCBs	7.7E-005	3.1E-007	4.1E-005	1.2E-004						
			(Total) (1)	1.1E-004	3.7E-007	4.4E-005	1.6E-004	(Total)		15	0.3	7.9	24
			Total Risk Across All Media and All Exposure Routes (1)				1.6E-004	Total Hazard Index Across All Media and All Exposure Routes					24
			(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs)				1.3E-002	Total Eye/Immune HI =					24

Notes:

(1) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table. These are not evaluated for non-carcinogenic effects.

302212

TABLE 10.13.RME
RISK ASSESSMENT SUMMARY
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area A with Outliers											
			Benzo(a)pyrene	3.0E-006	4.8E-009	2.6E-006	5.6E-006						
			Dibenz(a,h)anthracene	1.2E-006	6.4E-010	1.0E-006	2.3E-006						
			Aldrin	1.3E-005	1.5E-007	--	1.3E-005						
								Aroclor 1248	Eye/Immune	2.8	0.55	2.6	6
								Aroclor 1254	Eye/Immune	4.8	0.95	4.4	10
			Dieldrin	1.5E-005	5.5E-007	--	1.5E-005						
			Heptachlor	2.5E-006	9.1E-008	--	2.6E-006						
			Heptachlor epoxide	2.6E-006	4.2E-008	--	2.6E-006						
			Total PCBs	9.7E-005	3.9E-006	9.0E-005	1.9E-004						
			Arsenic	9.9E-006	3.2E-008	2.0E-006	1.2E-005						
			(Total)	1.4E-004	4.8E-006	9.5E-005	2.4E-004	(Total)		7.6	1.5	7	16
			Total Risk Across All Media and All Exposure Routes				2.4E-004	Total Hazard Index Across All Media and All Exposure Routes					16

Total Eye/Immune HI = 16

302213

TABLE 10.13.CT

RISK ASSESSMENT SUMMARY

CENTRAL TENDENCY EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area A with outliers						Aroclor 1248	Eye/Immune	2.7	0.54	0.25	3.5
								Aroclor 1254	Eye/Immune	4.6	0.93	0.43	6
			(Total)	0.0E+000	0.0E+000	0.0E+000	0.0E+000	(Total)		7.3	1.5	0.68	9.5
			Total Risk Across All Media and All Exposure Routes				0.0E+000	Total Hazard Index Across All Media and All Exposure Routes					9.5

Total Eye/Immune HI = 9.5

302214

TABLE 10.14.RME
RISK ASSESSMENT SUMMARY
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area A without Outliers											
			Benzo(a)pyrene	2.0E-006	3.1E-009	1.7E-006	3.6E-006						
			Dibenz(a,h)anthracene	1.2E-006	6.4E-010	1.0E-006	2.3E-006						
			Aldrin	7.0E-006	8.2E-008	--	7.0E-006						
								Aroclor 1254	Eye/Immune	3.5	0.71	3.3	7.5
			Dieldrin	1.3E-006	4.9E-008	--	1.4E-006						
			Heptachlor epoxide	2.6E-006	4.2E-008	--	2.6E-006						
			Total PCBs	7.7E-005	3.1E-006	7.1E-005	1.5E-004						
			Arsenic	9.9E-006	3.2E-008	2.0E-006	1.2E-005						
			(Total)	1.0E-004	3.3E-006	7.6E-005	1.8E-004	(Total)		3.5	0.71	3.3	7.5
			Total Risk Across All Media and All Exposure Routes				1.8E-004	Total Hazard Index Across All Media and All Exposure Routes					7.5

Total Eye/Immune HI = 7.5

302215

TABLE 10.14.CT

RISK ASSESSMENT SUMMARY

CENTRAL TENDENCY EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area A without outliers						Aroclor 1254	Eye/Immune	3.4	0.69	0.32	4.4
			(Total)	0.0E+000	0.0E+000	0.0E+000	0.0E+000	(Total)		3.4	0.69	0.32	4.4
			Total Risk Across All Media and All Exposure Routes				0.0E+000	Total Hazard Index Across All Media and All Exposure Routes					4.4

Total HI = 4.4

302216

TABLE 10.15.CT
RISK ASSESSMENT SUMMARY
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area B with outliers											
			Trichloroethene	2.7E-007	7.1E-006	--	7.4E-006						
			Benzo(a)anthracene	6.5E-006	2.5E-008	5.6E-007	7.1E-006						
			Benzo(a)pyrene	5.0E-005	8.0E-008	4.3E-006	5.4E-005						
			Benzo(b)fluoranthene	1.7E-006	1.2E-008	1.4E-007	1.8E-006						
			Dibenz(a,h)anthracene	8.3E-006	4.3E-009	7.1E-007	9.0E-006						
			Indeno(1,2,3-cd)pyrene	2.1E-006	1.6E-009	1.8E-007	2.2E-006						
			2,3,7,8-TCDD	9.7E-005	3.2E-008	1.9E-006	9.9E-005						
			4,4'-DDE	2.9E-005	--	--	2.9E-005						
			4,4'-DDT	6.8E-005	2.0E-007	1.4E-006	7.0E-005	4,4'-DDT	Liver	4.3	--	0.084	4.4
			Aldrin	1.6E-004	2.0E-006	--	1.7E-004	Aldrin	Liver	3.4	--	--	3.4
			alpha-BHC	1.5E-006	2.2E-007	--	1.7E-006						
								Aroclor 1242	Fetus	9.9	2	0.91	13
								Aroclor 1248	Eye/Immune	130	27	12	170
								Aroclor 1254	Eye/Immune	610	120	56	790
			Dieldrin	1.6E-003	6.1E-005	--	1.7E-003	Dieldrin	Liver	21	--	--	21
			gamma-Chlordane	3.5E-005	1.1E-008	9.1E-007	3.5E-005	gamma-Chlordane	Liver	2.1	0.0017	0.055	2.2
			Heptachlor	2.7E-006	9.5E-008	--	2.7E-006						
			Heptachlor epoxide	1.1E-004	1.7E-006	--	1.1E-004	Heptachlor epoxide	Liver	9.4	--	--	9.4
			Dioxin-like PCBs	4.5E-002	1.5E-005	9.1E-004	4.6E-002						
			Nondioxin-like PCBs	5.1E-003	2.0E-004	4.7E-004	5.8E-003						
			Total PCBs	2.6E-003	1.0E-004	2.4E-004	2.9E-003						
			Arsenic	5.6E-006	1.8E-008	1.1E-007	5.7E-006						
			(Total) (1)	4.7E-003	1.7E-004	2.5E-004	5.2E-003	(Total)		790	150	69	1000

Total Risk Across All Media and All Exposure Routes (1) 5.2E-003

Total Hazard Index Across All Media and All Exposure Routes 1000

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 5.2E-002

Total Liver HI = 40
Total Fetus HI = 13
Total Eye/Immune HI = 960

Notes:
(1) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table. These are not evaluated for non-carcinogenic effects.

302217

TABLE 10.16.RME
RISK ASSESSMENT SUMMARY
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area B without Outliers											
			Trichloroethene	2.5E-007	6.6E-006	--	6.8E-006						
			Benzo(a)pyrene	4.8E-006	7.8E-009	4.1E-006	9.0E-006						
			Benzo(b)fluoranthene	7.8E-007	5.8E-009	6.7E-007	1.5E-006						
			Dibenz(a,h)anthracene	4.1E-006	2.2E-009	3.5E-006	7.7E-006						
			2,3,7,8-TCDD	3.8E-004	1.2E-007	7.5E-005	4.5E-004						
			4,4'-DDE	2.2E-006	--	--	2.2E-006						
			Aldrin	9.1E-005	1.1E-006	--	9.2E-005						
			alpha-BHC	1.8E-006	2.6E-007	--	2.1E-006						
								Aroclor 1248	Eye/Immune	20	4	18	42
								Aroclor 1254	Eye/Immune	77	15	71	160
			Dieldrin	1.6E-004	5.9E-006	--	1.6E-004						
			Heptachlor epoxide	1.2E-005	1.9E-007	--	1.2E-005						
			Dioxin-like PCBs	1.6E-001	5.9E-005	3.5E-002	2.0E-001						
			Nondioxin-like PCBs	2.0E-002	7.9E-004	1.8E-002	3.9E-002						
			Total PCBs	1.4E-003	5.7E-005	1.3E-003	2.8E-003						
			Arsenic	1.2E-005	3.9E-008	2.3E-006	1.4E-005						
			(Total) (1)	2.1E-003	7.1E-005	1.4E-003	3.5E-003	(Total)		97	19	89	200

Total Risk Across All Media and All Exposure Routes (1) 3.5E-003

Total Hazard Index Across All Media and All Exposure Routes 200

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 2.4E-001

Total Eye/Immune HI = 200

Notes:

(1) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table. These are not evaluated for non-carcinogenic effects.

302218

TABLE 10.16.CT
RISK ASSESSMENT SUMMARY
CENTRAL TENDENCY EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area B without outliers											
			Trichloroethene	6.5E-008	1.7E-006	--	1.8E-006						
			Benzo(a)pyrene	1.2E-006	2.0E-009	1.1E-007	1.3E-006						
			Dibenz(a,h)anthracene	1.1E-006	5.6E-010	9.1E-008	1.2E-006						
			2,3,7,8-TCDD	9.7E-005	3.2E-008	1.9E-006	9.9E-005						
			Aldrin	2.3E-005	2.8E-007	--	2.4E-005						
								Aroclor 1248	Eye/Immune	19	3.9	1.8	25
								Aroclor 1254	Eye/Immune	75	15	6.9	97
			Dieldrin	4.0E-005	1.5E-006	--	4.2E-005						
			Heptachlor epoxide	3.0E-006	4.8E-008	--	3.1E-006						
			Dioxin-like PCBs	4.5E-002	1.5E-005	9.1E-004	4.6E-002						
			Nondioxin-like PCBs	5.1E-003	2.0E-004	4.7E-004	5.8E-003						
			Total PCBs	3.6E-004	1.5E-005	3.4E-005	4.1E-004						
			Arsenic	3.0E-006	1.0E-008	6.0E-008	3.1E-006						
			(Total) (1)	5.3E-004	1.8E-005	3.6E-005	5.9E-004	(Total)		94	19	8.7	120

Total Risk Across All Media and All Exposure Routes (1) 5.9E-004

Total Hazard Index Across All Media and All Exposure Routes 120

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 5.2E-002

Total Eye/Immune HI = 120

Notes:

(1) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table. These are not evaluated for non-carcinogenic effects.

302219

TABLE 10.17.RME

RISK ASSESSMENT SUMMARY

REASONABLE MAXIMUM EXPOSURE

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Construction Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area A with Outliers						Aroclor 1248	Eye/Immune	8.7	0.88	3.7	13
								Aroclor 1254	Eye/Immune	15	1.5	6.3	23
			(Total)	0.0E+000	0.0E+000	0.0E+000	0.0E+000	(Total)		24	2.4	10	36
			Total Risk Across All Media and All Exposure Routes				0.0E+000	Total Hazard Index Across All Media and All Exposure Routes					36

Total Eye/Immune HI = 36

302220

TABLE 10.18.RME
RISK ASSESSMENT SUMMARY
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Construction Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area A without Outliers						Aroclor 1248	Eye/Immune	1.5	0.15	0.64	2.3
								Aroclor 1254	Eye/Immune	11	1.1	4.7	17
			(Total)	0.0E+000	0.0E+000	0.0E+000	0.0E+000	(Total)		13	1.3	5.3	19
			Total Risk Across All Media and All Exposure Routes				0.0E+000	Total Hazard Index Across All Media and All Exposure Routes					19

Total Eye/Immune HI = 19

302221

302222

TABLE 10.19.RME
RISK ASSESSMENT SUMMARY
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Construction Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area B with Outliers											
			Trichloroethene	1.3E-007	8.7E-006	--	8.9E-006						
			Benzo(a)anthracene	3.2E-006	3.0E-008	1.3E-006	4.5E-006						
			Benzo(a)pyrene	2.4E-005	9.2E-008	9.5E-006	3.4E-005						
			Benzo(b)fluoranthene	8.1E-007	1.5E-008	3.2E-007	1.1E-006						
			Dibenz(a,h)anthracene	4.1E-006	4.2E-009	1.6E-006	5.7E-006						
			Indeno(1,2,3-cd)pyrene	1.0E-006	1.7E-009	4.0E-007	1.4E-006						
			2,3,7,8-TCDD	4.8E-005	6.7E-009	4.3E-006	5.2E-005						
			4,4'-DDE	1.4E-005	--	--	1.4E-005						
			4,4'-DDT	3.4E-005	2.3E-007	3.0E-006	3.7E-005	4,4'-DDT	Liver	14	--	1.2	15
			Aldrin	8.1E-005	2.4E-006	--	8.4E-005	Aldrin	Liver	11	--	--	11
			alpha-BHC	7.5E-007	2.7E-007	--	1.0E-006						
								Aroclor 1242	Fetus	32	3.2	14	49
								Aroclor 1248	Eye/Immune	430	43	180	650
								Aroclor 1254	Eye/Immune	2000	200	830	3000
			Dieldrin	8.0E-004	7.5E-005	--	8.7E-004	Dieldrin	Liver	70	--	--	70
								Endrin aldehyde	Liver	1.7	--	--	1.7
			gamma-Chlordane	1.7E-005	2.4E-009	2.0E-006	1.9E-005	gamma-Chlordane	Liver	6.8	0.0024	0.82	7.6
			Heptachlor	1.3E-006	1.2E-007	--	1.4E-006						
			Heptachlor epoxide	5.2E-005	2.0E-006	--	5.4E-005	Heptachlor epoxide	Liver	31	--	--	31
			Dioxin-like PCBs	2.2E-002	3.2E-006	2.0E-003	2.5E-002						
			Nondioxin-like PCBs	2.5E-003	5.0E-005	1.1E-003	3.6E-003						
			Total PCBs	1.3E-003	2.5E-005	5.3E-004	1.8E-003						
			Arsenic	2.8E-006	3.9E-009	2.5E-007	3.0E-006						
			(Total) (1)	2.3E-003	1.1E-004	5.5E-004	3.0E-003	(Total)		2600	250	1000	3800

Total Risk Across All Media and All Exposure Routes (1) 3.0E-003

Total Hazard Index Across All Media and All Exposure Routes 3800

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 2.8E-002

Total Liver HI = 140
Total Fetus HI = 49
Total Eye/Immune HI = 3700

Notes:
(1) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table. These are not evaluated for non-carcinogenic effects.

TABLE 10.20.RME
RISK ASSESSMENT SUMMARY
REASONABLE MAXIMUM EXPOSURE
CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE - OU-2

Scenario Timeframe: Future
Receptor Population: Construction Worker
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk				Chemical	Non-Carcinogenic Hazard Quotient				
				Ingestion	Inhalation	Dermal	Exposure Routes Total		Primary Target Organ	Ingestion	Inhalation	Dermal	Exposure Routes Total
Site Soils	All Soils	Area B without Outliers											
			Trichloroethene	3.2E-008	2.1E-006	--	2.1E-006						
			2,3,7,8-TCDD	4.8E-005	6.7E-009	4.3E-006	5.2E-005						
			Aldrin	1.2E-005	3.3E-007	--	1.2E-005	Aldrin	Liver	1.6	--	--	1.6
								Aroclor 1242	Fetus	1.2	0.12	0.49	1.8
								Aroclor 1248	Eye/Immune	63	6.3	27	96
								Aroclor 1254	Eye/Immune	240	24	100	360
			Dieldrin	2.0E-005	1.9E-006	--	2.2E-005	Dieldrin	Liver	1.7	--	--	1.7
			Heptachlor epoxide	1.5E-006	5.8E-008	--	1.5E-006						
			Dioxin-like PCBs	2.2E-002	3.2E-006	2.0E-003	2.5E-002						
			Nondioxin-like PCBs	2.5E-003	5.0E-005	1.1E-003	3.6E-003						
			Total PCBs	1.8E-004	3.6E-006	7.5E-005	2.6E-004						
			Arsenic	1.5E-006	2.1E-009	1.4E-007	1.6E-006						
			(Total) (1)	2.6E-004	7.9E-006	8.0E-005	3.5E-004	(Total)		310	30	130	460
			Total Risk Across All Media and All Exposure Routes (1)				3.5E-004	Total Hazard Index Across All Media and All Exposure Routes					460

(Total Risk for Dioxin-like PCBs and Nondioxin-like PCBs) 2.8E-002

Total Liver HI = 3.3
Total Fetus HI = 1.8
Total Eye/Immune HI = 460

Notes:
(1) Risks associated with Dioxin-like PCBs and Nondioxin-like PCBs are not included in this total. Instead, these are shown as a separate line below the table. These are not evaluated for non-carcinogenic effects.

302223

APPENDIX J

302224

APPENDIX J

DIOXIN CONGENER CALCULATIONS

TABLE J-1

DIOXIN TEQ CALCULATIONS

CORNELL-DUBILIER ELECTRONICS SUPERFUND SITE

SAMPLE LOCATION	MW09	TEF	TEQ		SS03	SS03	SS03	TEF	TEQ		SS02	TEF	TEQ	
FWENC SAMPLE ID	CDE-MW09-00	(WHO, 1997)			CDE-SS03-00	CDE-SS03-01	Average	(WHO, 1997)			CDE-SS02-00	(WHO, 1997)		
DATE / TIME	09/18/2000 / 09:30				09/19/2000 / 09:20	Duplicate of					09/15/2000 / 14:06			
DEPTH (ft)	0.5				0.5	CDE-SS03-00					0.5			
UNITS	pg/g		pg/g		pg/g	pg/g	pg/g		pg/g					
CONSTITUENT											pg/g		pg/g	
1,2,3,4,6,7,8,9-OCDD	5600	0.0001	0.56		6750	9230	7990	0.0001	0.799		4430	0.0001	0.443	
1,2,3,4,6,7,8,9-OCDF	16450	0.0001	1.645		605	583	594	0.0001	0.0594		69.5	0.0001	0.00695	
1,2,3,4,6,7,8-HpCDD	1780	0.01	17.8		413	559	486	0.01	4.86		173	0.01	1.73	
1,2,3,4,6,7,8-HpCDF	13190	0.01	131.9		906	868	887	0.01	8.87		56	0.01	0.56	
1,2,3,4,7,8,9-HpCDF	4270	0.01	42.7		119	106	112.5	0.01	1.125		5.2	0.01	0.052	
1,2,3,4,7,8-HxCDD	123	0.1	12.3		12.5	12.5	12.5	0.1	1.25		2.2	0.1	0.22	
1,2,3,4,7,8-HxCDF	13510	0.1	1351		1020	893	956.5	0.1	95.65		21.3	0.1	2.13	
1,2,3,6,7,8-HxCDD	241	0.1	24.1		30.3	37.4	33.85	0.1	3.385		7.6	0.1	0.76	
1,2,3,6,7,8-HxCDF	10020	0.1	1002		327	297	312	0.1	31.2		8.4	0.1	0.84	
1,2,3,7,8,9-HxCDD	349	0.1	34.9		33.8	39.8	36.8	0.1	3.68		7.6	0.1	0.76	
1,2,3,7,8,9-HxCDF	311	0.1	31.1		13.7	13.5	13.6	0.1	1.36		2.1	0.1	0.21	
1,2,3,7,8-PeCDD	128	1	128		12.8	12.6	12.7	1	12.7		1.7	1	1.7	
1,2,3,7,8-PeCDF	7880	0.05	394		606	590	598	0.05	29.9		16.1	0.05	0.805	
2,3,4,6,7,8-HxCDF	5150	0.1	515		197	187	192	0.1	19.2		8.2	0.1	0.82	
2,3,4,7,8-PeCDF	7720	0.5	3860		623	578	600.5	0.5	300.25		18.6	0.5	9.3	
2,3,7,8-TCDD	56.7	1	56.7		10.1	10.8	10.45	1	10.45		1.3	1	1.3	
2,3,7,8-TCDF	7880	0.1	788		2520	2330	2425	0.1	242.5		86.3	0.1	8.63	
			8391.7	pg/g					767.2	pg/g			30.27	pg/g
		Total TEQ =	**0.0083917**	**mg/kg**				**Total TEQ =**	**0.0007672**	**mg/kg**		**Total TEQ =**	**0.0000303**	**mg/kg**

302226

Notes:

All results are in pg/G.

APPENDIX K

302227

APPENDIX K

PCB CONGENER CALCULATIONS

TABLE K-1

DIOXIN-LIKE PCB CONGENER CALCULATIONS

SAMPLE ID					CONGENER	CONC		TEF	CALC.	
CDE-MW04-04	902919-002	08/15/00	SOIL	SS	BZ 105	26	JN	0.0001	0.0026	ug/kg
CDE-MW04-04	902919-002	08/15/00	SOIL	SS	BZ 114	1.4	JN	0.0005	0.0007	ug/kg
CDE-MW04-04	902919-002	08/15/00	SOIL	SS	BZ 118	54	JN	0.0001	0.0054	ug/kg
CDE-MW04-04	902919-002	08/15/00	SOIL	SS	BZ 156/171	17	JN	0.0005	0.0085	ug/kg
CDE-MW04-04	902919-002	08/15/00	SOIL	SS	BZ 157	2.6	JN	0.0005	0.0013	ug/kg
CDE-MW04-04	902919-002	08/15/00	SOIL	SS	BZ 167	1.1	UJ	0.00001	0.0000055	ug/kg
CDE-MW04-04	902919-002	08/15/00	SOIL	SS	BZ 169	0.84	UJ	0.01	0.0042	ug/kg
CDE-MW04-04	902919-002	08/15/00	SOIL	SS	BZ 170	5.4	JN	NA	- -	ug/kg
CDE-MW04-04	902919-002	08/15/00	SOIL	SS	BZ 180	7.2	JN	NA	- -	ug/kg
CDE-MW04-04	902919-002	08/15/00	SOIL	SS	BZ 189	0.75	UJ	0.0001	0.0000375	ug/kg
CDE-MW04-04	902919-002	08/15/00	SOIL	SS	BZ 178/126	1.5	UJ	0.1	0.075	ug/kg
CDE-MW04-04	902919-002	08/15/00	SOIL	SS	BZ 110/77	77	JN	0.0001	0.0077	ug/kg
CDE-MW04-04	902919-002	08/15/00	SOIL	SS	BZ 87/81	36	JN	0.0001	0.0036	ug/kg
CDE-MW04-04	902919-002	08/15/00	SOIL	SS	BZ 149/123	25	JN	0.0001	0.0025	ug/kg
									0.109043	
								TEQ	**0.000109**	**mg/kg**
CDE-MW09-08	903409-001	09/18/00	SOIL	SS	BZ 105	320	JN	0.0001	0.032	ug/kg
CDE-MW09-08	903409-001	09/18/00	SOIL	SS	BZ 114	20	JN	0.0005	0.01	ug/kg
CDE-MW09-08	903409-001	09/18/00	SOIL	SS	BZ 118	685	N	0.0001	0.0685	ug/kg
CDE-MW09-08	903409-001	09/18/00	SOIL	SS	BZ 156/171	205	JN	0.0005	0.1025	ug/kg
CDE-MW09-08	903409-001	09/18/00	SOIL	SS	BZ 157	23	JN	0.0005	0.0115	ug/kg
CDE-MW09-08	903409-001	09/18/00	SOIL	SS	BZ 167	15.6	UJ	0.00001	0.000078	ug/kg
CDE-MW09-08	903409-001	09/18/00	SOIL	SS	BZ 169	11.65	UJ	0.01	0.05825	ug/kg
CDE-MW09-08	903409-001	09/18/00	SOIL	SS	BZ 170	93.5	JN	NA	- -	ug/kg
CDE-MW09-08	903409-001	09/18/00	SOIL	SS	BZ 180	91	N	NA	- -	ug/kg
CDE-MW09-08	903409-001	09/18/00	SOIL	SS	BZ 189	10.4	UJ	0.0001	0.00052	ug/kg
CDE-MW09-08	903409-001	09/18/00	SOIL	SS	BZ 178/126	96.5	JN	0.1	9.65	ug/kg
CDE-MW09-08	903409-001	09/18/00	SOIL	SS	BZ 110/77	1205	JN	0.0001	0.1205	ug/kg
CDE-MW09-08	903409-001	09/18/00	SOIL	SS	BZ 87/81	565	JN	0.0001	0.0565	ug/kg
CDE-MW09-08	903409-001	09/18/00	SOIL	SS	BZ 149/123	375	JN	0.0001	0.0375	ug/kg
									10.147848	
									0.01	**mg/kg**
CDE-MW11-04	903074-001	08/22/00	SOIL	SS	BZ 105	1000000	JN	0.0001	100	ug/kg
CDE-MW11-04	903074-001	08/22/00	SOIL	SS	BZ 114	39000	JN	0.0005	19.5	ug/kg
CDE-MW11-04	903074-001	08/22/00	SOIL	SS	BZ 118	1300000	N	0.0001	130	ug/kg
CDE-MW11-04	903074-001	08/22/00	SOIL	SS	BZ 156/171	330000	JN	0.0005	165	ug/kg
CDE-MW11-04	903074-001	08/22/00	SOIL	SS	BZ 157	40000	JN	0.0005	20	ug/kg
CDE-MW11-04	903074-001	08/22/00	SOIL	SS	BZ 167	44000	UJ	0.00001	0.22	ug/kg
CDE-MW11-04	903074-001	08/22/00	SOIL	SS	BZ 169	33000	UJ	0.01	165	ug/kg
CDE-MW11-04	903074-001	08/22/00	SOIL	SS	BZ 170	150000	JN	NA	- -	ug/kg
CDE-MW11-04	903074-001	08/22/00	SOIL	SS	BZ 180	200000	N	NA	- -	ug/kg
CDE-MW11-04	903074-001	08/22/00	SOIL	SS	BZ 189	29000	UJ	0.0001	1.45	ug/kg
CDE-MW11-04	903074-001	08/22/00	SOIL	SS	BZ 178/126	57000	UJ	0.1	2850	ug/kg
CDE-MW11-04	903074-001	08/22/00	SOIL	SS	BZ 110/77	2200000	JN	0.0001	220	ug/kg
CDE-MW11-04	903074-001	08/22/00	SOIL	SS	BZ 87/81	1000000	JN	0.0001	100	ug/kg
CDE-MW11-04	903074-001	08/22/00	SOIL	SS	BZ 149/123	700000	JN	0.0001	70	ug/kg
									3841.17	
								TEQ	**3.841**	**mg/kg**
CDE-SS02-00	903408-001	09/15/00	SOIL	SS	BZ 105	8.1	JN	0.0001	0.00081	ug/kg
CDE-SS02-00	903408-001	09/15/00	SOIL	SS	BZ 114	1.7	JN	0.0005	0.00085	ug/kg
CDE-SS02-00	903408-001	09/15/00	SOIL	SS	BZ 118	19	JN	0.0001	0.0019	ug/kg
CDE-SS02-00	903408-001	09/15/00	SOIL	SS	BZ 156/171	10	JN	0.0005	0.005	ug/kg
CDE-SS02-00	903408-001	09/15/00	SOIL	SS	BZ 157	1.9	JN	0.0005	0.00095	ug/kg
CDE-SS02-00	903408-001	09/15/00	SOIL	SS	BZ 167	0.82	UJ	0.00001	0.0000041	ug/kg
CDE-SS02-00	903408-001	09/15/00	SOIL	SS	BZ 169	0.61	UJ	0.01	0.00305	ug/kg
CDE-SS02-00	903408-001	09/15/00	SOIL	SS	BZ 170	5.4	JN	NA	- -	ug/kg
CDE-SS02-00	903408-001	09/15/00	SOIL	SS	BZ 180	7	N	NA	- -	ug/kg
CDE-SS02-00	903408-001	09/15/00	SOIL	SS	BZ 189	0.55	UJ	0.0001	0.0000275	ug/kg
CDE-SS02-00	903408-001	09/15/00	SOIL	SS	BZ 178/126	6.5	JN	0.1	0.65	ug/kg
CDE-SS02-00	903408-001	09/15/00	SOIL	SS	BZ 110/77	46	JN	0.0001	0.0046	ug/kg
CDE-SS02-00	903408-001	09/15/00	SOIL	SS	BZ 87/81	12	JN	0.0001	0.0012	ug/kg
CDE-SS02-00	903408-001	09/15/00	SOIL	SS	BZ 149/123	23	JN	0.0001	0.0023	ug/kg
									0.6706916	
								TEQ	**0.00067**	**mg/kg**
CDE-SS03-00	903431-003	09/19/00	SOIL	SS	BZ 105	1700	JN	0.0001	0.17	ug/kg
CDE-SS03-00	903431-003	09/19/00	SOIL	SS	BZ 114	98	UJ	0.0005	0.0245	ug/kg
CDE-SS03-00	903431-003	09/19/00	SOIL	SS	BZ 118	3850	JN	0.0001	0.385	ug/kg
CDE-SS03-00	903431-003	09/19/00	SOIL	SS	BZ 156/171	1350	JN	0.0005	0.675	ug/kg
CDE-SS03-00	903431-003	09/19/00	SOIL	SS	BZ 157	195	JN	0.0005	0.0975	ug/kg
CDE-SS03-00	903431-003	09/19/00	SOIL	SS	BZ 167	120	UJ	0.00001	0.0006	ug/kg
CDE-SS03-00	903431-003	09/19/00	SOIL	SS	BZ 169	90.5	UJ	0.01	0.4525	ug/kg
CDE-SS03-00	903431-003	09/19/00	SOIL	SS	BZ 170	490	JN	NA	- -	ug/kg
CDE-SS03-00	903431-003	09/19/00	SOIL	SS	BZ 180	610	N	NA	- -	ug/kg
CDE-SS03-00	903431-003	09/19/00	SOIL	SS	BZ 189	81	UJ	0.0001	0.00405	ug/kg
CDE-SS03-00	903431-003	09/19/00	SOIL	SS	BZ 178/126	695	JN	0.1	69.5	ug/kg
CDE-SS03-00	903431-003	09/19/00	SOIL	SS	BZ 110/77	6050	JN	0.0001	0.605	ug/kg
CDE-SS03-00	903431-003	09/19/00	SOIL	SS	BZ 87/81	2500	JN	0.0001	0.25	ug/kg
CDE-SS03-00	903431-003	09/19/00	SOIL	SS	BZ 149/123	2150	JN	0.0001	0.215	ug/kg
									72.37915	
								TEQ	**0.072**	**mg/kg**

NA = Not Available
- - = No TEQ calculated

NONDIOXIN-LIKE PCB CONGENER CALCULATIONS

Sample ID	Congener	with 1/2 UJ	CONC	Qualifier	Units	DL
CDE-MW04-04	BZ 1	0.65	1.3	UJ	ug/kg	1.3
CDE-MW04-04	BZ 101/90	45	45	JN	ug/kg	1.8
CDE-MW04-04	BZ 107	5.6	5.6	JN	ug/kg	0.92
CDE-MW04-04	BZ 119	1.3	1.3	JN	ug/kg	0.83
CDE-MW04-04	BZ 128	16	16	JN	ug/kg	1.1
CDE-MW04-04	BZ 132/168	18	18	JN	ug/kg	1.7
CDE-MW04-04	BZ 135/144	5.4	5.4	JN	ug/kg	1.9
CDE-MW04-04	BZ 136	5.1	5.1	JN	ug/kg	0.97
CDE-MW04-04	BZ 137	4.3	4.3	JN	ug/kg	0.99
CDE-MW04-04	BZ 138/163	57	57	JN	ug/kg	1.7
CDE-MW04-04	BZ 141	8.2	8.2	JN	ug/kg	0.83
CDE-MW04-04	BZ 146	6.3	6.3	JN	ug/kg	0.79
CDE-MW04-04	BZ 151	1.15	2.3	UJ	ug/kg	2.3
CDE-MW04-04	BZ 153/184	34	34	JN	ug/kg	1.8
CDE-MW04-04	BZ 158	6.8	6.8	JN	ug/kg	0.76
CDE-MW04-04	BZ 16/32	5	5	JN	ug/kg	1.7
CDE-MW04-04	BZ 17	3.2	3.2	JN	ug/kg	0.82
CDE-MW04-04	BZ 172	1.5	1.5	JN	ug/kg	0.83
CDE-MW04-04	BZ 174	3.8	3.8	JN	ug/kg	0.77
CDE-MW04-04	BZ 176	5.8	5.8	JN	ug/kg	0.89
CDE-MW04-04	BZ 177	2.6	2.6	JN	ug/kg	0.66
CDE-MW04-04	BZ 18	5.2	5.2	JN	ug/kg	0.9
CDE-MW04-04	BZ 183	2.7	2.7	JN	ug/kg	0.8
CDE-MW04-04	BZ 185	0.55	1.1	UJ	ug/kg	1.1
CDE-MW04-04	BZ 187/182	3.3	3.3	JN	ug/kg	2.1
CDE-MW04-04	BZ 19	3.3	3.3	JN	ug/kg	0.67
CDE-MW04-04	BZ 190	0.95	0.95	JN	ug/kg	0.93
CDE-MW04-04	BZ 194	0.45	0.9	UJ	ug/kg	0.9
CDE-MW04-04	BZ 195	0.55	1.1	UJ	ug/kg	1.1
CDE-MW04-04	BZ 197	0.6	1.2	UJ	ug/kg	1.2
CDE-MW04-04	BZ 199	0.55	1.1	UJ	ug/kg	1.1
CDE-MW04-04	BZ 201	0.415	0.83	UJ	ug/kg	0.83
CDE-MW04-04	BZ 202	0.6	1.2	UJ	ug/kg	1.2
CDE-MW04-04	BZ 203/196	0.8	1.6	UJ	ug/kg	1.6
CDE-MW04-04	BZ 206	0.385	0.77	UJ	ug/kg	0.77
CDE-MW04-04	BZ 208	0.41	0.82	UJ	ug/kg	0.82
CDE-MW04-04	BZ 209	0.45	0.9	UJ	ug/kg	0.9
CDE-MW04-04	BZ 22	4.4	4.4	JN	ug/kg	1.2
CDE-MW04-04	BZ 24	0.48	0.96	UJ	ug/kg	0.96
CDE-MW04-04	BZ 25	0.97	0.97	JN	ug/kg	0.59
CDE-MW04-04	BZ 26	1.7	1.7	JN	ug/kg	0.69
CDE-MW04-04	BZ 27	1	2	UJ	ug/kg	2
CDE-MW04-04	BZ 28	10	10	JN	ug/kg	0.76
CDE-MW04-04	BZ 29	0.42	0.84	UJ	ug/kg	0.84
CDE-MW04-04	BZ 31	8.5	8.5	JN	ug/kg	0.83
CDE-MW04-04	BZ 33	6.2	6.2	JN	ug/kg	0.91
CDE-MW04-04	BZ 37/42	6.5	6.5	JN	ug/kg	1.3
CDE-MW04-04	BZ 4	2.2	2.2	JN	ug/kg	1.1
CDE-MW04-04	BZ 40	2.2	2.2	JN	ug/kg	0.83
CDE-MW04-04	BZ 44	12	12	N	ug/kg	0.69
CDE-MW04-04	BZ 45	1.6	1.6	JN	ug/kg	0.89
CDE-MW04-04	BZ 46	0.55	1.1	UJ	ug/kg	1.1
CDE-MW04-04	BZ 47	2.8	2.8	JN	ug/kg	0.93
CDE-MW04-04	BZ 48	2.8	2.8	JN	ug/kg	1.6
CDE-MW04-04	BZ 49	8.5	8.5	JN	ug/kg	0.93
CDE-MW04-04	BZ 5	0.55	1.1	UJ	ug/kg	1.1
CDE-MW04-04	BZ 52	20	20	JN	ug/kg	0.97
CDE-MW04-04	BZ 53	0.7	1.4	UJ	ug/kg	1.4
CDE-MW04-04	BZ 56	6.7	6.7	JN	ug/kg	2.5
CDE-MW04-04	BZ 59	1	1	JN	ug/kg	0.81
CDE-MW04-04	BZ 6	0.495	0.99	UJ	ug/kg	0.99
CDE-MW04-04	BZ 60/92	11	11	JN	ug/kg	1.3
CDE-MW04-04	BZ 63	0.55	1.1	UJ	ug/kg	1.1
CDE-MW04-04	BZ 64/41	6.9	6.9	JN	ug/kg	1.5
CDE-MW04-04	BZ 66/95	40	40	JN	ug/kg	1.4
CDE-MW04-04	BZ 7	0.55	1.1	UJ	ug/kg	1.1
CDE-MW04-04	BZ 70	25	25	JN	ug/kg	0.82
CDE-MW04-04	BZ 71	3.2	3.2	JN	ug/kg	0.63
CDE-MW04-04	BZ 74	8.2	8.2	JN	ug/kg	0.98
CDE-MW04-04	BZ 76	1.3	1.3	JN	ug/kg	0.87
CDE-MW04-04	BZ 8	3.4	3.4	JN	ug/kg	0.78
CDE-MW04-04	BZ 82	7.6	7.6	JN	ug/kg	1.3
CDE-MW04-04	BZ 84	11	11	JN	ug/kg	0.78
CDE-MW04-04	BZ 85	10	10	JN	ug/kg	0.93
CDE-MW04-04	BZ 91	5.7	5.7	JN	ug/kg	0.68
CDE-MW04-04	BZ 97	17	17	JN	ug/kg	0.84
CDE-MW04-04	BZ 99	20	20	JN	ug/kg	0.83
		531.575	544.43			0.630
		0.531575	0.544	mg/kg		

Sample ID	Congener	with 1/2 UJ	CONC	Qualifier	Units	DL
CDE-MW09-08	BZ 1	9.1	18.2	UJ	ug/kg	28
CDE-MW09-08	BZ 101/90	735	735	JN	ug/kg	38
CDE-MW09-08	BZ 107	75	75	JN	ug/kg	20
CDE-MW09-08	BZ 119	18.6	18.6	JN	ug/kg	18
CDE-MW09-08	BZ 128	220	220	N	ug/kg	23
CDE-MW09-08	BZ 132/168	250	250	JN	ug/kg	36
CDE-MW09-08	BZ 135/144	73.5	73.5	JN	ug/kg	40
CDE-MW09-08	BZ 136	92.5	92.5	JN	ug/kg	21
CDE-MW09-08	BZ 137	62	62	JN	ug/kg	21
CDE-MW09-08	BZ 138/163	755	755	JN	ug/kg	35
CDE-MW09-08	BZ 141	119.5	119.5	JN	ug/kg	18
CDE-MW09-08	BZ 146	88	88	N	ug/kg	17
CDE-MW09-08	BZ 151	16	32	UJ	ug/kg	49
CDE-MW09-08	BZ 153/184	460	460	JN	ug/kg	38
CDE-MW09-08	BZ 158	109.5	109.5	JN	ug/kg	16
CDE-MW09-08	BZ 16/32	12	24	UJ	ug/kg	37
CDE-MW09-08	BZ 17	5.8	11.6	UJ	ug/kg	18
CDE-MW09-08	BZ 172	21.5	21.5	JN	ug/kg	18
CDE-MW09-08	BZ 174	53	53	JN	ug/kg	16
CDE-MW09-08	BZ 176	80.5	80.5	JN	ug/kg	19
CDE-MW09-08	BZ 177	33.5	33.5	JN	ug/kg	14
CDE-MW09-08	BZ 18	6.175	12.35		ug/kg	19
CDE-MW09-08	BZ 183	34	34	JN	ug/kg	17
CDE-MW09-08	BZ 185	7.475	14.95	UJ	ug/kg	23
CDE-MW09-08	BZ 187/182	43	43	JN	ug/kg	44
CDE-MW09-08	BZ 19	13.25	26.5	UJ	ug/kg	14
CDE-MW09-08	BZ 190	6.475	12.95	UJ	ug/kg	20
CDE-MW09-08	BZ 194	13.3	13.3	N	ug/kg	19
CDE-MW09-08	BZ 195	7.775	15.55	UJ	ug/kg	24
CDE-MW09-08	BZ 197	8.4	16.8	UJ	ug/kg	26
CDE-MW09-08	BZ 199	7.775	15.55	UJ	ug/kg	24
CDE-MW09-08	BZ 201	12.5	12.5	JN	ug/kg	18
CDE-MW09-08	BZ 202	8.075	16.15	UJ	ug/kg	25
CDE-MW09-08	BZ 203/196	11.25	22.5	UJ	ug/kg	35
CDE-MW09-08	BZ 206	5.225	10.45		ug/kg	16
CDE-MW09-08	BZ 208	5.8	11.6	UJ	ug/kg	18
CDE-MW09-08	BZ 209	6.175	12.35		ug/kg	19
CDE-MW09-08	BZ 22	10	20	UJ	ug/kg	26
CDE-MW09-08	BZ 24	6.775	13.55	UJ	ug/kg	21
CDE-MW09-08	BZ 25	4.2	8.4	UJ	ug/kg	13
CDE-MW09-08	BZ 26	4.85	9.7	UJ	ug/kg	15
CDE-MW09-08	BZ 27	14	28	UJ	ug/kg	43
CDE-MW09-08	BZ 28	5.225	10.45	UJ	ug/kg	16
CDE-MW09-08	BZ 29	5.85	11.7	UJ	ug/kg	18
CDE-MW09-08	BZ 31	5.825	11.65	UJ	ug/kg	18
CDE-MW09-08	BZ 33	6.45	12.9	UJ	ug/kg	20
CDE-MW09-08	BZ 37/42	25.5	25.5	JN	ug/kg	28
CDE-MW09-08	BZ 4	7.45	14.9	UJ	ug/kg	23
CDE-MW09-08	BZ 40	19.1	19.1	JN	ug/kg	18
CDE-MW09-08	BZ 44	204	204	N	ug/kg	15
CDE-MW09-08	BZ 45	6.175	12.35	UJ	ug/kg	19
CDE-MW09-08	BZ 46	7.475	14.95	UJ	ug/kg	23
CDE-MW09-08	BZ 47	48	48	JN	ug/kg	20
CDE-MW09-08	BZ 48	11	22	UJ	ug/kg	34
CDE-MW09-08	BZ 49	123.5	123.5	JN	ug/kg	20
CDE-MW09-08	BZ 5	7.8	15.6	UJ	ug/kg	24
CDE-MW09-08	BZ 52	430	430	N	ug/kg	21
CDE-MW09-08	BZ 53	10.05	20.1	UJ	ug/kg	31
CDE-MW09-08	BZ 56	17.5	35	UJ	ug/kg	54
CDE-MW09-08	BZ 59	5.55	11.1	UJ	ug/kg	17
CDE-MW09-08	BZ 6	6.825	13.65	UJ	ug/kg	21
CDE-MW09-08	BZ 60/92	154.5	154.5	JN	ug/kg	28
CDE-MW09-08	BZ 63	7.8	15.6	UJ	ug/kg	24
CDE-MW09-08	BZ 64/41	79.5	79.5	JN	ug/kg	32
CDE-MW09-08	BZ 66/95	590	590	JN	ug/kg	30
CDE-MW09-08	BZ 7	7.8	15.6	UJ	ug/kg	24
CDE-MW09-08	BZ 70	245	245	JN	ug/kg	18
CDE-MW09-08	BZ 71	15	15	JN	ug/kg	14
CDE-MW09-08	BZ 74	74	74	JN	ug/kg	21
CDE-MW09-08	BZ 76	28.5	28.5	JN	ug/kg	19
CDE-MW09-08	BZ 8	5.5	11	UJ	ug/kg	17
CDE-MW09-08	BZ 82	167.5	167.5	JN	ug/kg	29
CDE-MW09-08	BZ 84	198.5	198.5	JN	ug/kg	17
CDE-MW09-08	BZ 85	147	147	JN	ug/kg	20
CDE-MW09-08	BZ 91	113.5	113.5	JN	ug/kg	14
CDE-MW09-08	BZ 97	295	295	JN	ug/kg	18
CDE-MW09-08	BZ 99	320	320	JN	ug/kg	18
		6928.85	7229.7			
		6.92885	7.23	mg/kg		

Sample ID	Congener	with 1/2 UJ	CONC	Qualifier	Units	DL
CDE-SS02-00	BZ 1	0.48	0.96	UJ	ug/kg	0.96
CDE-SS02-00	BZ 101/90	38	38	JN	ug/kg	1.3
CDE-SS02-00	BZ 107	3.9	3.9	JN	ug/kg	0.67
CDE-SS02-00	BZ 119	0.3	0.6	UJ	ug/kg	0.6
CDE-SS02-00	BZ 128	13	13	N	ug/kg	0.79
CDE-SS02-00	BZ 132/168	12	12	JN	ug/kg	1.2
CDE-SS02-00	BZ 135/144	8.1	8.1	JN	ug/kg	1.4
CDE-SS02-00	BZ 136	3.4	3.4	JN	ug/kg	0.71
CDE-SS02-00	BZ 137	4.5	4.5	JN	ug/kg	0.72
CDE-SS02-00	BZ 138/163	49	49	JN	ug/kg	1.2
CDE-SS02-00	BZ 141	6.4	6.4	JN	ug/kg	0.61
CDE-SS02-00	BZ 146	6.6	6.6	N	ug/kg	0.58
CDE-SS02-00	BZ 151	9.1	9.1	JN	ug/kg	1.7
CDE-SS02-00	BZ 153/184	33	33	JN	ug/kg	1.3
CDE-SS02-00	BZ 158	5.1	5.1	JN	ug/kg	0.56
CDE-SS02-00	BZ 16/32	0.65	1.3	UJ	ug/kg	1.3
CDE-SS02-00	BZ 17	0.3	0.6	UJ	ug/kg	0.6
CDE-SS02-00	BZ 172	1.7	1.7	JN	ug/kg	0.6
CDE-SS02-00	BZ 174	4.1	4.1	JN	ug/kg	0.56
CDE-SS02-00	BZ 176	0.325	0.65	UJ	ug/kg	0.65
CDE-SS02-00	BZ 177	2.5	2.5	JN	ug/kg	0.48
CDE-SS02-00	BZ 18	0.325	0.65		ug/kg	0.65
CDE-SS02-00	BZ 183	2.7	2.7	JN	ug/kg	0.58
CDE-SS02-00	BZ 185	0.395	0.79	UJ	ug/kg	0.79
CDE-SS02-00	BZ 187/182	4.2	4.2	JN	ug/kg	1.5
CDE-SS02-00	BZ 19	1.5	1.5	JN	ug/kg	0.48
CDE-SS02-00	BZ 190	1	1	JN	ug/kg	0.67
CDE-SS02-00	BZ 194	1.3	1.3	N	ug/kg	0.66
CDE-SS02-00	BZ 195	0.405	0.81	UJ	ug/kg	0.81
CDE-SS02-00	BZ 197	0.435	0.87	UJ	ug/kg	0.87
CDE-SS02-00	BZ 199	0.41	0.82	UJ	ug/kg	0.82
CDE-SS02-00	BZ 201	1.5	1.5	JN	ug/kg	0.61
CDE-SS02-00	BZ 202	0.42	0.84	UJ	ug/kg	0.84
CDE-SS02-00	BZ 203/196	1.8	1.8	JN	ug/kg	1.2
CDE-SS02-00	BZ 206	0.82	0.82	N	ug/kg	0.56
CDE-SS02-00	BZ 208	0.3	0.6	UJ	ug/kg	0.6
CDE-SS02-00	BZ 209	1.3	1.3	N	ug/kg	0.65
CDE-SS02-00	BZ 22	1.5	1.5	JN	ug/kg	0.9
CDE-SS02-00	BZ 24	0.35	0.7	UJ	ug/kg	0.7
CDE-SS02-00	BZ 25	0.215	0.43	UJ	ug/kg	0.43
CDE-SS02-00	BZ 26	0.25	0.5	UJ	ug/kg	0.5
CDE-SS02-00	BZ 27	0.75	1.5	UJ	ug/kg	1.5
CDE-SS02-00	BZ 28	0.98	0.98	JN	ug/kg	0.56
CDE-SS02-00	BZ 29	0.305	0.61	UJ	ug/kg	0.61
CDE-SS02-00	BZ 31	4.1	4.1	JN	ug/kg	0.61
CDE-SS02-00	BZ 33	0.91	0.91	JN	ug/kg	0.67
CDE-SS02-00	BZ 37/42	2.4	2.4	JN	ug/kg	0.95
CDE-SS02-00	BZ 4	0.385	0.77	UJ	ug/kg	0.77
CDE-SS02-00	BZ 40	0.305	0.61	UJ	ug/kg	0.61
CDE-SS02-00	BZ 44	2.2	2.2	N	ug/kg	0.5
CDE-SS02-00	BZ 45	1.5	1.5	JN	ug/kg	0.65
CDE-SS02-00	BZ 46	0.395	0.79	UJ	ug/kg	0.79
CDE-SS02-00	BZ 47	1.8	1.8	JN	ug/kg	0.67
CDE-SS02-00	BZ 48	0.6	1.2	UJ	ug/kg	1.2
CDE-SS02-00	BZ 49	2.2	2.2	JN	ug/kg	0.68
CDE-SS02-00	BZ 5	0.415	0.83	UJ	ug/kg	0.83
CDE-SS02-00	BZ 52	4.8	4.8	N	ug/kg	0.71
CDE-SS02-00	BZ 53	0.5	1	UJ	ug/kg	1
CDE-SS02-00	BZ 56	19	19	JN	ug/kg	1.8
CDE-SS02-00	BZ 59	0.295	0.59	UJ	ug/kg	0.59
CDE-SS02-00	BZ 6	0.36	0.72	UJ	ug/kg	0.72
CDE-SS02-00	BZ 60/92	4.4	4.4	JN	ug/kg	0.96
CDE-SS02-00	BZ 63	0.415	0.83	UJ	ug/kg	0.83
CDE-SS02-00	BZ 64/41	0.55	1.1	UJ	ug/kg	1.1
CDE-SS02-00	BZ 66/95	14	14	JN	ug/kg	1
CDE-SS02-00	BZ 7	0.41	0.82	UJ	ug/kg	0.82
CDE-SS02-00	BZ 70	4.7	4.7	JN	ug/kg	0.6
CDE-SS02-00	BZ 71	1.4	1.4	JN	ug/kg	0.46
CDE-SS02-00	BZ 74	2.7	2.7	JN	ug/kg	0.71
CDE-SS02-00	BZ 76	0.315	0.63	UJ	ug/kg	0.63
CDE-SS02-00	BZ 8	0.285	0.57	UJ	ug/kg	0.57
CDE-SS02-00	BZ 82	0.485	0.97	UJ	ug/kg	0.97
CDE-SS02-00	BZ 84	0.285	0.57	UJ	ug/kg	0.57
CDE-SS02-00	BZ 85	6.6	6.6	JN	ug/kg	0.67
CDE-SS02-00	BZ 91	4.2	4.2	JN	ug/kg	0.49
CDE-SS02-00	BZ 97	6.5	6.5	JN	ug/kg	0.61
CDE-SS02-00	BZ 99	14	14	JN	ug/kg	0.6
		329.025	341.64			0.43
		0.329025		mg/kg		0.00043

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TABLE K-2

NONDIOXIN-LIKE PCB CONGENER CALCULATIONS

Sample ID	Congener	with 1/2 UJ	CONC	Qualifier	Units	DL
CDE-SS03-00	BZ 1	70	140	UJ	ug/kg	140
CDE-SS03-00	BZ 101/90	3350	3350	JN	ug/kg	190
CDE-SS03-00	BZ 107	465	465	JN	ug/kg	98
CDE-SS03-00	BZ 119	44.75	89.5	UJ	ug/kg	88
CDE-SS03-00	BZ 128	1400	1400	N	ug/kg	120
CDE-SS03-00	BZ 132/168	1400	1400	JN	ug/kg	180
CDE-SS03-00	BZ 135/144	520	520	JN	ug/kg	200
CDE-SS03-00	BZ 136	450	450	JN	ug/kg	100
CDE-SS03-00	BZ 137	425	425	JN	ug/kg	100
CDE-SS03-00	BZ 138/163	4700	4700	JN	ug/kg	170
CDE-SS03-00	BZ 141	675	675	JN	ug/kg	88
CDE-SS03-00	BZ 146	570	570	N	ug/kg	84
CDE-SS03-00	BZ 151	605	605	JN	ug/kg	240
CDE-SS03-00	BZ 153/184	2900	2900	JN	ug/kg	190
CDE-SS03-00	BZ 158	615	615	JN	ug/kg	81
CDE-SS03-00	BZ 16/32	92.5	185	UJ	ug/kg	180
CDE-SS03-00	BZ 17	44.25	88.5	UJ	ug/kg	87
CDE-SS03-00	BZ 172	155	155	JN	ug/kg	88
CDE-SS03-00	BZ 174	335	335	JN	ug/kg	81
CDE-SS03-00	BZ 176	730	730	JN	ug/kg	95
CDE-SS03-00	BZ 177	215	215	JN	ug/kg	70
CDE-SS03-00	BZ 18	48.25	96.5		ug/kg	95
CDE-SS03-00	BZ 183	230	230	JN	ug/kg	85
CDE-SS03-00	BZ 185	57.5	115	UJ	ug/kg	110
CDE-SS03-00	BZ 187/182	440	440	JN	ug/kg	220
CDE-SS03-00	BZ 19	115	115	JN	ug/kg	71
CDE-SS03-00	BZ 190	49.5	99	UJ	ug/kg	98
CDE-SS03-00	BZ 194	48.75	97.5		ug/kg	96
CDE-SS03-00	BZ 195	60	120	UJ	ug/kg	120
CDE-SS03-00	BZ 197	65	130	UJ	ug/kg	130
CDE-SS03-00	BZ 199	60	120	UJ	ug/kg	120
CDE-SS03-00	BZ 201	44.75	89.5	UJ	ug/kg	88
CDE-SS03-00	BZ 202	62.5	125	UJ	ug/kg	120
CDE-SS03-00	BZ 203/196	87.5	175	UJ	ug/kg	170
CDE-SS03-00	BZ 206	41.25	82.5		ug/kg	81
CDE-SS03-00	BZ 208	44.25	88.5	UJ	ug/kg	87
CDE-SS03-00	BZ 209	48.25	96.5		ug/kg	95
CDE-SS03-00	BZ 22	65	130	UJ	ug/kg	130
CDE-SS03-00	BZ 24	52.5	105	UJ	ug/kg	100
CDE-SS03-00	BZ 25	31.75	63.5	UJ	ug/kg	63
CDE-SS03-00	BZ 26	37.25	74.5	UJ	ug/kg	73
CDE-SS03-00	BZ 27	110	220	UJ	ug/kg	220
CDE-SS03-00	BZ 28	130	130	JN	ug/kg	81
CDE-SS03-00	BZ 29	45.25	90.5	UJ	ug/kg	89
CDE-SS03-00	BZ 31	140	140	JN	ug/kg	88
CDE-SS03-00	BZ 33	49.25	98.5	UJ	ug/kg	97
CDE-SS03-00	BZ 37/42	70	140	UJ	ug/kg	140
CDE-SS03-00	BZ 4	57.5	115	UJ	ug/kg	110
CDE-SS03-00	BZ 40	44.75	89.5	UJ	ug/kg	88
CDE-SS03-00	BZ 44	335	335	N	ug/kg	73
CDE-SS03-00	BZ 45	47.75	95.5	UJ	ug/kg	94
CDE-SS03-00	BZ 46	57.5	115	UJ	ug/kg	110
CDE-SS03-00	BZ 47	205	205	JN	ug/kg	98
CDE-SS03-00	BZ 48	85	170	UJ	ug/kg	170
CDE-SS03-00	BZ 49	400	400	JN	ug/kg	99
CDE-SS03-00	BZ 5	60	120	UJ	ug/kg	120
CDE-SS03-00	BZ 52	1100	1100	N	ug/kg	100
CDE-SS03-00	BZ 53	77.5	155	UJ	ug/kg	150
CDE-SS03-00	BZ 56	232.5	465	UJ	ug/kg	270
CDE-SS03-00	BZ 59	43.75	87.5	UJ	ug/kg	86
CDE-SS03-00	BZ 6	52.5	105	UJ	ug/kg	100
CDE-SS03-00	BZ 60/92	845	845	JN	ug/kg	140
CDE-SS03-00	BZ 63	60	120	UJ	ug/kg	120
CDE-SS03-00	BZ 64/41	380	380	JN	ug/kg	160
CDE-SS03-00	BZ 66/95	2450	2450	JN	ug/kg	150
CDE-SS03-00	BZ 7	60	120	UJ	ug/kg	120
CDE-SS03-00	BZ 70	1400	1400	JN	ug/kg	87
CDE-SS03-00	BZ 71	34	68	UJ	ug/kg	67
CDE-SS03-00	BZ 74	305	305	JN	ug/kg	100
CDE-SS03-00	BZ 76	46.75	93.5	UJ	ug/kg	92
CDE-SS03-00	BZ 8	42	84	UJ	ug/kg	83
CDE-SS03-00	BZ 82	355	355	JN	ug/kg	140
CDE-SS03-00	BZ 84	475	475	JN	ug/kg	83
CDE-SS03-00	BZ 85	830	830	JN	ug/kg	98
CDE-SS03-00	BZ 91	520	520	JN	ug/kg	72
CDE-SS03-00	BZ 97	1300	1300	JN	ug/kg	89
CDE-SS03-00	BZ 99	1600	1600	JN	ug/kg	88
		35496.5	37928			
		35.4965	mg/kg			

Sample ID	Congener	with 1/2 UJ	CONC	Qualifier	Units	DL
CDE-MW11-04	BZ 1	25500	51000	UJ	ug/kg	51000
CDE-MW11-04	BZ 101/90	1400000	1400000	JN	ug/kg	69000
CDE-MW11-04	BZ 107	150000	150000	JN	ug/kg	36000
CDE-MW11-04	BZ 119	35000	35000	JN	ug/kg	32000
CDE-MW11-04	BZ 128		330000	N	ug/kg	42000
CDE-MW11-04	BZ 132/168	420000	420000	JN	ug/kg	65000
CDE-MW11-04	BZ 135/144	160000	160000	JN	ug/kg	72000
CDE-MW11-04	BZ 136	170000	170000	JN	ug/kg	38000
CDE-MW11-04	BZ 137	110000	110000	JN	ug/kg	38000
CDE-MW11-04	BZ 138/163	1300000	1300000	JN	ug/kg	64000
CDE-MW11-04	BZ 141	220000	220000	JN	ug/kg	32000
CDE-MW11-04	BZ 146		160000	N	ug/kg	31000
CDE-MW11-04	BZ 151	44500	89000	UJ	ug/kg	89000
CDE-MW11-04	BZ 153/184	840000	840000	JN	ug/kg	69000
CDE-MW11-04	BZ 158	170000	170000	JN	ug/kg	30000
CDE-MW11-04	BZ 16/32	1300000	1300000	JN	ug/kg	68000
CDE-MW11-04	BZ 17	960000	960000	JN	ug/kg	32000
CDE-MW11-04	BZ 172	43000	43000	JN	ug/kg	32000
CDE-MW11-04	BZ 174	110000	110000	JN	ug/kg	30000
CDE-MW11-04	BZ 176	75000	150000	UJ	ug/kg	150000
CDE-MW11-04	BZ 177	70000	70000	JN	ug/kg	26000
CDE-MW11-04	BZ 18	1900000	1900000	JN	ug/kg	35000
CDE-MW11-04	BZ 183	86000	86000	JN	ug/kg	31000
CDE-MW11-04	BZ 185	21000	42000	UJ	ug/kg	42000
CDE-MW11-04	BZ 187/182	100000	100000	JN	ug/kg	80000
CDE-MW11-04	BZ 19	290000	290000	JN	ug/kg	26000
CDE-MW11-04	BZ 190	18000	36000	UJ	ug/kg	36000
CDE-MW11-04	BZ 194	35000	35000		ug/kg	35000
CDE-MW11-04	BZ 195	21500	43000	UJ	ug/kg	43000
CDE-MW11-04	BZ 197	23000	46000	UJ	ug/kg	46000
CDE-MW11-04	BZ 199	21500	43000	UJ	ug/kg	43000
CDE-MW11-04	BZ 201	36000	36000	JN	ug/kg	32000
CDE-MW11-04	BZ 202	22500	45000	UJ	ug/kg	45000
CDE-MW11-04	BZ 203/196	31500	63000	UJ	ug/kg	63000
CDE-MW11-04	BZ 206	30000	30000		ug/kg	30000
CDE-MW11-04	BZ 208	16000	32000	UJ	ug/kg	32000
CDE-MW11-04	BZ 209	35000	35000		ug/kg	35000
CDE-MW11-04	BZ 22	750000	750000	JN	ug/kg	48000
CDE-MW11-04	BZ 24	18500	37000	UJ	ug/kg	37000
CDE-MW11-04	BZ 25	200000	200000	JN	ug/kg	23000
CDE-MW11-04	BZ 26	370000	370000	JN	ug/kg	27000
CDE-MW11-04	BZ 27	250000	250000	JN	ug/kg	79000
CDE-MW11-04	BZ 28	1600000	1600000	JN	ug/kg	30000
CDE-MW11-04	BZ 29	16500	33000	UJ	ug/kg	33000
CDE-MW11-04	BZ 31	1500000	1500000	JN	ug/kg	32000
CDE-MW11-04	BZ 33	17500	35000	UJ	ug/kg	35000
CDE-MW11-04	BZ 37/42	690000	690000	JN	ug/kg	51000
CDE-MW11-04	BZ 4	660000	660000	JN	ug/kg	41000
CDE-MW11-04	BZ 40	220000	220000	JN	ug/kg	32000
CDE-MW11-04	BZ 44	1000000	1000000	JN	ug/kg	27000
CDE-MW11-04	BZ 45	270000	270000	JN	ug/kg	34000
CDE-MW11-04	BZ 46	120000	120000	JN	ug/kg	42000
CDE-MW11-04	BZ 47	270000	270000	JN	ug/kg	36000
CDE-MW11-04	BZ 48	320000	320000	JN	ug/kg	61000
CDE-MW11-04	BZ 49	790000	790000	JN	ug/kg	36000
CDE-MW11-04	BZ 5	22000	44000	UJ	ug/kg	44000
CDE-MW11-04	BZ 52	1500000	1500000	JN	ug/kg	38000
CDE-MW11-04	BZ 53	1600000	1600000	JN	ug/kg	56000
CDE-MW11-04	BZ 56	48500	97000	UJ	ug/kg	97000
CDE-MW11-04	BZ 59	100000	100000	JN	ug/kg	31000
CDE-MW11-04	BZ 6	220000	220000	JN	ug/kg	38000
CDE-MW11-04	BZ 60/92	900000	900000	JN	ug/kg	51000
CDE-MW11-04	BZ 63	22000	44000	UJ	ug/kg	44000
CDE-MW11-04	BZ 64/41	610000	610000	JN	ug/kg	59000
CDE-MW11-04	BZ 66/95	1900000	1900000	JN	ug/kg	54000
CDE-MW11-04	BZ 7	56000	56000	JN	ug/kg	44000
CDE-MW11-04	BZ 70	1300000	1300000	JN	ug/kg	32000
CDE-MW11-04	BZ 71	280000	280000	JN	ug/kg	25000
CDE-MW11-04	BZ 74	490000	490000	JN	ug/kg	38000
CDE-MW11-04	BZ 76	17000	34000	UJ	ug/kg	34000
CDE-MW11-04	BZ 8	780000	780000	JN	ug/kg	30000
CDE-MW11-04	BZ 82	320000	320000	JN	ug/kg	52000
CDE-MW11-04	BZ 84	430000	430000	JN	ug/kg	30000
CDE-MW11-04	BZ 85	290000	290000	JN	ug/kg	36000
CDE-MW11-04	BZ 91	220000	220000	JN	ug/kg	26000
CDE-MW11-04	BZ 97	460000	460000	JN	ug/kg	33000
CDE-MW11-04	BZ 99	640000	640000	JN	ug/kg	32000
		31558000				
		31558	mg/kg			

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APPENDIX L

302232

APPENDIX L

CHEMICAL-SPECIFIC PARAMETERS

Table: L-1
Chemical-Specific Factors
Site: Cornell Dubilier Electronics Superfund Site - OU-2

Chemical of Concern	Dermal Absorption Fraction (1) DABS unitless	Diffusivity in Air (2) Di cm2/s	Dimensionless Henry's Law Constant (2) H' unitless	Diffusivity in Water (2) Dw cm2/s	Soil Organic Carbon-Water Partition Coefficient (2) Koc cm3/g
1,1-dichloroethylene	ND	9.0E-002	1.1E+000	1.0E-005	5.9E+001
1,3-dichlorobenzene	ND	ND	ND	ND	ND
Benzene	ND	8.8E-002	2.3E-001	9.8E-006	5.9E+001
cis-1,2-Dichloroethene	ND	7.4E-002	1.7E-001	1.1E-005	3.6E+001
Tetrachloroethylene	ND	7.2E-002	7.5E-001	8.2E-006	1.6E+002
Trichloroethene	ND	7.9E-002	4.2E-001	9.1E-006	1.7E+002
Vinyl chloride	ND	1.1E-001	1.1E+000	1.2E-006	1.9E+001
2-Methylnaphthalene	0.13	5.9E-002	2.0E-002	7.5E-006	2.0E+003
Acenaphthene	0.13	4.2E-002	6.4E-003	7.7E-006	7.1E+003
Benzo(a)anthracene	0.13	5.1E-002	1.4E-004	9.0E-006	4.0E+005
Benzo(a)pyrene	0.13	4.3E-002	4.6E-005	9.0E-006	1.0E+006
Benzo(b)fluoranthene	0.13	2.3E-002	4.6E-003	5.6E-006	1.2E+006
Benzo(k)fluoranthene	0.13	2.3E-002	3.4E-005	5.6E-006	1.2E+006
Carbazole	0.1	3.9E-002	6.3E-007	7.0E-006	3.4E+003
Chrysene	0.13	2.5E-002	3.9E-003	6.2E-006	4.0E+005
Dibenz(a,h)anthracene	0.13	2.0E-002	6.0E-007	5.2E-006	3.8E+006
Fluoranthene	0.13	3.0E-002	6.6E-004	6.4E-006	1.1E+005
Fluorene	0.13	3.6E-002	2.6E-003	7.9E-006	1.4E+004
Indeno(1,2,3-cd)pyrene	0.13	1.9E-002	6.6E-005	5.7E-006	3.5E+006
Naphthalene	0.13	5.9E-002	2.0E-002	7.5E-006	2.0E+003
Phenanthrene	0.13	2.7E-002	4.5E-004	7.2E-006	1.1E+005
Pyrene	0.13	2.7E-002	4.5E-004	7.2E-006	1.1E+005
2,3,7,8-TCDD	0.03	ND	ND	ND	ND
4,4'-DDE	ND	1.4E-002	8.6E-004	5.9E-006	4.5E+006
4,4'-DDT	0.03	1.4E-002	3.3E-004	5.0E-006	2.6E+006
Acetophenone	ND	ND	ND	ND	ND
Aldrin	ND	1.3E-002	7.0E-003	4.9E-006	2.5E+006
alpha-BHC	ND	1.4E-002	4.4E-004	7.3E-006	1.2E+003
alpha-chlordane	ND	1.1E-002	4.5E-002	5.7E-006	1.4E+006
Dibenzofuran	ND	ND	ND	ND	ND
Dieldrin	ND	1.3E-002	6.2E-004	4.7E-006	2.1E+004
Endosulfan sulfate	ND	ND	ND	ND	ND
Endrin	ND	1.3E-002	3.1E-004	4.7E-006	1.2E+004
Endrin aldehyde	ND	1.3E-002	3.1E-004	4.7E-006	1.2E+004
gamma-Chlordane	0.04	ND	ND	ND	ND
Heptachlor	ND	1.1E-002	4.5E-002	5.7E-006	1.4E+006
Heptachlor epoxide	ND	1.3E-002	3.9E-004	4.2E-006	8.3E+004
Aroclor 1242	0.14	2.1E-002	2.1E-002	5.3E-006	3.3E+004
Aroclor 1248	0.14	ND	ND	ND	ND
Aroclor 1254	0.14	1.6E-002	8.2E-002	5.0E-006	2.0E+005
Aroclor 1260	0.14	1.4E-002	1.9E-001	4.3E-006	2.9E+005
Total PCBs	0.14	ND	ND	ND	ND
Dioxin-like PCBs	0.03	ND	ND	ND	ND
Nondioxin-like PCBs	0.14	ND	ND	ND	ND
Aluminum	ND	ND	ND	ND	ND
Antimony	ND	ND	ND	ND	ND
Arsenic	0.03	ND	ND	ND	ND
Barium	ND	ND	ND	ND	ND
Cadmium	0.001	ND	ND	ND	ND
Chromium	ND	ND	ND	ND	ND
Copper	ND	ND	ND	ND	ND
Cyanide	ND	ND	ND	ND	ND
Iron	ND	ND	ND	ND	ND
Lead	ND	ND	ND	ND	ND
Manganese	ND	ND	ND	ND	ND
Mercury	ND	3.1E-002	4.7E-001	6.3E-006	5.2E+001
Nickel	ND	ND	ND	ND	ND
Silver	ND	ND	ND	ND	ND
Thallium	ND	ND	ND	ND	ND
Vanadium	ND	ND	ND	ND	ND
Zinc	ND	ND	ND	ND	ND

ND = data not available
Sources:
(1) EPA, 2001. RAGS Part E, Supplemental Guidance for Dermal Risk Assessment), Interim Guidance. - Exhibit 3.4.
(2) EPA, 1996. Soil Screening Guidance: Technical Background Document. EPA/540/R95/128. May.

APPENDIX M

302235

APPENDIX M

EPA-CALCULATED
EXPOSURE POINT CONCENTRATIONS

MEMORANDUM

SUBJECT: EPC Terms Computation - Cornell Dublier S. F. Site

FROM: Ken Brown, Director, TSC
Environmental Sciences Division

TO: Marian Olsen, Toxicologist
Region II

Please find attached the report titled "Computation of the EPC Terms for Cornell-Dublier Electronics Site" dated March 18, 2002. As you are aware, the attached report was provided by Dr. Anita Singh, a senior LMSG statistician.

As you will note, there may be some issues associated with "outliers" in the various data sets. Some of the EPC Terms were completed with, and without, the outliers.

If you have any questions associated with the attached report, please give me a call at (702)798-2270.

Attachment

cc: Pietro Mannino, Region II

TSC:BROWN:2270:Edison:3/19/02:2202:FILE:2olsen.wpd

Appendix M
Computation of the EPC Terms for Cornell-Dubilier Electronics Site

On 26 February 2002, Mr. P. Mannino and Ms. M. Olsen of Region 2 requested the assistance of Tech Support Center, Las Vegas, NV in computing the exposure point concentration (EPC) terms for the Cornell-Dubilier Electronics Site. Four soil data sets were provided by Mr. Mannino. Soil samples were analyzed for the various contaminants. Ms. Olsen requested to compute an EPC term for each contaminant in each of the four data files. An EPC term is typically estimated by a 95% upper confidence limit (UCL) of the unknown population mean. Software package, ProUCL has been used to compute the EPC terms as summarized in Tables 1 through 4. Table 1 has the EPC terms for SS Area B (Data Set 1), Table 2 has the EPC terms for All Soils Area B (Data Set 2), Table 3 has the EPC terms for data set SS Area A (Data set 3), and Table 4 has the EPC terms for All Soils Area A (Data Set 4). These tables summarize the normality and lognormality test results, outliers (if any), the recommended method to compute the EPC term, and the corresponding UCL value which may be used as an estimate of the EPC term.

Normality and lognormality were tested for each contaminant in the four data sets. For data sets which are neither normal nor lognormal, EPC term can by estimated by a 95% UCL of the mean based upon the Chebyshev inequality. This has been reported in Tables 1- 4. For Data Set 3, only 5 observations were available, therefore the EPC terms are estimated by the maximum observed concentrations as suggested by Ms Olsen in her memo of February 26, 2002. These maximum concentrations are summarized in Table 3a. Table 3b has the estimated EPC terms obtained using the UCL computation methods as incorporated in the program ProUCL.

There appear to be some obvious outliers in these data sets. EPC terms have been computed with and without the outliers. EPA and the potentially responsible party jointly should decide whether an observation should be considered as an outlier (e.g., Table 1. 460 for 2-Methylnaphthalene - SS Area B). In some cases, omission of an outlier does make a substantial difference in the estimate of the EPC term. For example, for 2-Methylnaphthalene, omission of the observation 460 reduces the estimated EPC term from 206 to 1 as can be seen in Table1. Observation 460 may represent a hot spot which may have to be treated separately.

It is observed that there are many data sets which are highly skewed and the program ProUCL suggested that those data sets may need further investigation. For such datasets, a 95% UCL of the mean based the Chebyshev inequality has been provided as an estimate of the EPC term in Tables 1-4.

It should be pointed out that the current work in the computation of the EPC terms suggest that a Gamma distribution is suitable for modeling skewed environmental datasets. Use of a 95% UCL of the mean based upon a gamma model provides a viable option to compute an EPC term for data sets which are highly skewed and require further investigation.

Table 1. EPC Terms - SS-Area B

Chemical/Compound	#	Normal	Lognormal	Outliers	Recommend	UCL
2-Methylnaphthalene	12	No	No	None	95 % Chebyshev	205.6774
	11	No	Yes	460	**95 % Chebyshev (MVUE)**	1.009404
	10	Yes	---	460, 2.4	Student's t	0.373561
	10	---	Yes	460, 2.4	H-UCL	0.551873
4,4'-DDE	12	No	Yes	None	Needs further investigation **Chebyshev**	540.7202
	11	No	Yes	1200	Needs further investigation **Chebyshev**	31.01842
	10	No	Yes	1200, 56	Needs further investigation **Chebyshev**	13.68384
	9	No	Yes	1200, 56, 25	Greater of **99 % Chebyshev (MVUE) UCL** 99 % Chebyshev (Mean, Std)	6.424438 3.263100
4,4'-DDT	12	No	Yes	None	Needs further investigation **Chebyshev**	19.96337
	11	No	Yes	42	Greater of 99 % Chebyshev (MVUE) UCL **99 % Chebyshev (Mean, Std)**	6.023259 11.47452
	10	No	Yes	42, 11.5	**99 % Chebyshev (MVUE)**	0.973905
Acenaphthene	12	No	No	None	95 % Chebyshev	1250.610
	11	No	Yes	2800	**95 % Chebyshev (MVUE)**	0.735971
	10	Yes	---	2800, 2.4	Student's t	0.226706
	10	---	Yes	2800, 2.4	H-UCL	0.311166
Acenaphthylene	12	No	No	None	95 % Chebyshev	85.12399
	11	No	Yes	190	**95 % Chebyshev (MVUE)**	1.113074
	10	No	Yes	190, 2.4	H-UCL	0.665593
Acetophenone	12	No	No	None	95 % Chebyshev	85.07665
	11	No	No	190	95 % Chebyshev	1.260415

Table 1 (Continued). EPC Terms - SS-Area B

Chemical/Compound	#	Normal	Lognormal	Outliers	Recommend	UCL
Acetophenone (continued)	10	Yes	---	190, 2.4	Student's t	0.265152
	10	---	Yes	190, 2.4	Student's t or H-UCL	0.265152 0.304469
alpha-BHC	12	No	Yes	None	Greater of **99 % Chebyshev (MVUE) UCL** 99 % Chebyshev (Mean, Std)	7.966866 5.885664
	11	No	Yes	6	Greater of 99 % Chebyshev (MVUE) UCL **99 % Chebyshev (Mean, Std)**	2.319726 2.422566
	10	No	Yes	6, 2.4	**99 % Chebyshev (MVUE)**	0.654978
alpha-Chlordane	9	No	Yes	None	Greater of **99 % Chebyshev (MVUE) UCL** 99 % Chebyshev (Mean, Std)	1.244952 0.584159
Aluminum	12	No	Yes	None	H-UCL	28009.45
Antimony	10	No	Yes	None	H-UCL	7.180122
	9	Yes	---	10.2	Student's t	2.707278
	9	---	Yes	10.2	H-UCL	4.257597
Aroclor-1254	12	No	Yes	None	Needs further investigation Chebyshev	8664.420
	11	No	Yes	19000	Needs further investigation Chebyshev	956.8515
	10	No	Yes	19000, 1600	Needs further investigation Chebyshev	543.6741
Arsenic	12	No	Yes	None	H-UCL	31.90494
Barium	12	Yes	---	None	Student's t	381.4391
	12	---	Yes	None	H-UCL	543.2150
Benzene	12	No	No	None	95 % Chebyshev	0.674712
	11	No	No	1.5	95 % Chebyshev	0.014557
Benzo(a)anthracene	12	No	No	None	95 % Chebyshev	411.4056
	11	No	Yes	920	95 % Chebyshev (MVUE)	2.875432

Table 1 (Continued). EPC Terms - SS-Area B

Chemical/Compound	#	Normal	Lognormal	Outliers	Recommend	UCL
Benzo(a)pyrene	12	No	No	None	95 % Chebyshev	232.7899
	11	No	Yes	520	95 % Chebyshev (MVUE)	2.875085
Benzo(b)fluoranthene	12	No	Yes	None	99 % Chebyshev (MVUE)	68.21839
	11	Yes	---	450	Student's t	1.691683
	11	---	Yes	450	95 % Chebyshev (MVUE)	3.755863
Benzo(g,h,i)perylene	12	No	No	None	95 % Chebyshev	89.82050
	11	No	Yes	200	95 % Chebyshev (MVUE)	2.498346
Benzo(k)fluoranthene	12	No	No	None	95 % Chebyshev	201.5112
	11	No	Yes	450	95 % Chebyshev (MVUE)	2.645707
Cadmium	12	No	Yes	None	99 % Chebyshev (MVUE)	134.5281
Chrysene	12	No	No	None	95 % Chebyshev	371.3199
	11	Yes	---	830	Student's t	1.822019
	11	---	Yes	830	95 % Chebyshev (MVUE)	3.371610
cis-1,2-Dichloroethylene	12	No	No	None	95 % Chebyshev	9.837097
	11	No	No	22	95 % Chebyshev	0.065641
Cyanide	12	No	Yes	None	95 % Chebyshev (MVUE)	2.012001
	11	No	Yes	7.6	95% H-UCL	0.879814
Dibenz(a,h)anthracene	12	No	No	None	95 % Chebyshev	29.77074
	11	No	Yes	66	95% H-UCL	1.174969
	10	No	Yes	66, 2.4	95% H-UCL	0.610052
Dibenzofuran	12	No	No	None	95 % Chebyshev	759.3832
	11	No	Yes	1700	95 % Chebyshev (MVUE)	0.770801

Table 1 (Continued). EPC Terms - SS-Area B

Chemical/Compound	#	Normal	Lognormal	Outliers	Recommend	UCL
Dibenzofuran (Continued)	10	Yes	---	1700, 2.4	Student's t	0.237665
	10	---	Yes	1700, 2.4	95% H-UCL	0.338490
Dieldrin	11	No	Yes	None	Needs further investigation Chebyshev	90.58729
	10	No	Yes	180	Needs further investigation Chebyshev	16.48846
	9	No	Yes	180, 29	Needs further investigation Chebyshev	4.848332
	8	No	Yes	180, 29, 8	99 % Chebyshev (MVUE)	1.440707
Endosulfan sulfate	12	No	Yes	None	99 % Chebyshev (MVUE)	6.226285
	11	No	Yes	11.5	99 % Chebyshev (MVUE)	1.509344
	10	No	Yes	11.5, 0.8	99 % Chebyshev (MVUE)	0.857555
Endrin aldehyde	12	No	Yes	None	Needs further investigation Chebyshev	54.20200
	11	No	Yes	120	Needs further investigation Chebyshev	3.514114
Fluoranthene	12	No	No	None	95 % Chebyshev	1787.044
	11	No	Yes	4000	95 % Chebyshev (MVUE)	4.434014
Fluorene	12	No	No	None	95 % Chebyshev	893.3586
	11	No	Yes	2000	95 % Chebyshev (MVUE)	0.760655
	10	Yes	---	2000, 2.4	Student's t	0.243135
	10	---	Yes	2000, 2.4	H-UCL	0.324503
gamma-Chlordane	11	No	Yes	None	Needs further investigation Chebyshev	10.44896
	10	No	Yes	20	Greater of 99 % Chebyshev (MVUE) UCL **99 % Chebyshev (Mean, Std)**	6.269427 6.578167
	9	No	Yes	20, 6	99 % Chebyshev (MVUE)	1.328759

Table 1 (Continued). EPC Terms - SS-Area B

Chemical/Compound	#	Normal	Lognormal	Outliers	Recommend	UCL
Heptachlor	12	No	Yes	None	Needs further investigation Chebyshev	2.916960
	11	No	Yes	6	Greater of 99 % Chebyshev (MVUE) UCL **99 % Chebyshev (Mean, Std)**	1.827299 1.934611
	10	No	Yes	6, 1.9	99 % Chebyshev (MVUE)	0.502670
	9	No	Yes	6, 1,9, 0.4	99 % Chebyshev (MVUE)	0.185919
	8	No	Yes	6, 1.9. 0.4, 0.2	95 % Chebyshev (MVUE)	0.033632
Heptachlor epoxide	11	No	Yes	None	Needs further investigation Chebyshev	122.7176
	10	No	Yes	250	Needs further investigation Chebyshev	6.685229
	9	No	Yes	250, 11.8	Greater of **99 % Chebyshev (MVUE) UCL** 99 % Chebyshev (Mean, Std)	7.081962 3.679763
	8	No	Yes	250, 11.8, 3	Greater of **99 % Chebyshev (MVUE) UCL** 99 % Chebyshev (Mean, Std)	2.075058 0.849336
Indeno(1,2,3-cd)pyrene	12	No	No	None	95 % Chebyshev	116.5851
	11	No	Yes	260	**95 % Chebyshev (MVUE)**	2.275105
Iron	12	Yes	---	None	Student's t	34472.88
	12	---	Yes	None	H-UCL	41574.76
Lead	12	No	Yes	None	95 % Chebyshev (MVUE)	706.5408
	11	Yes	---	967	Student's t	300.7895
	11	---	Yes	967	H-UCL	582.6718
Manganese	7	Yes	No	None	Student's t	506.5676
Naphthalene	12	No	No	None	95 % Chebyshev	58.28963
	11	No	Yes	130	H-UCL	0.918839
	10	Yes	---	130, 2.4	Student's t	0.292069
	10	---	Yes	130, 2.4	H-UCL	0.372184

Table 1 (Continued). EPC Terms - SS-Area B

Chemical/Compound	#	Normal	Lognormal	Outliers	Recommend	UCL
Phenanthrene	12	No	No	None	95 % Chebyshev	3126.558
	11	Yes	---	7000	Student's t	1.419444
	11	---	Yes	7000	95 % Chebyshev (MVUE)	2.688528
Pyrene	12	No	No	None	95 % Chebyshev	1161.965
	11	No	Yes	2600	95 % Chebyshev (MVUE)	5.419831
Thallium	12	No	Yes	None	H-UCL	3.132588
	11	Yes	---	7.6	Student's t	1.222397
	11	---	Yes	7.6	H-UCL	1.653115
Total PCBs	12	No	Yes	None	Needs further investigation Chebyshev	8664.429
	11	No	Yes	1900	Needs further investigation Chebyshev	956.8559
	10	No	Yes	1900, 1600,	Greater of **99 % Chebyshev (MVUE) UCL** 99 % Chebyshev (Mean, Std)	2014.897 1061.571
	9	No	Yes	1900, 1600, 924	Greater of **99 % Chebyshev (MVUE) UCL** 99 % Chebyshev (Mean, Std)	688.8049 402.8675
	8	Yes	---	1900, 1600, 924, 330	Student's t	31.24983
	8	---	Yes	1900, 1600, 924, 330	99 % Chebyshev (MVUE)	253.0178
Vanadium	12	Yes	---	None	Student's t	55.21336
	12	---	Yes	None	H-UCL	63.43234
Aroclor-1260	12	No	Yes	None	Greater of 99 % Chebyshev (MVUE) UCL **99 % Chebyshev (Mean, Std)**	61.44803 105.3290
	11	No	Yes	115	95 % Chebyshev (MVUE)	13.35414
	10	No	Yes	115, 8	99 % Chebyshev (MVUE)	6.709520
Chromium (total)	12	Yes	---	None	Student's t	44.77157
	12	---	Yes	None	H-UCL	61.23974

Table 2. EPC Terms - All Soils-Area B

Chemical/Compound	#	Normal	Lognormal	Outliers	Recommend	UCL
1,1-Dichloroethylene	55	No	No	None	95% Chebyshev	0.393253
1,3-Dichlorobenzene	52	No	No	None	95% Chebyshev	0.482768
2-Methylnaphthalene	55	No	No	None	95% Chebyshev	47.59605
	54	No	No	460	95% Chebyshev	8.294077
	53	No	No	460, 70	95% Chebyshev	2.650738
4,4'-DDE	52	No	Yes	None	Needs further investigation Chebyshev	1037.527
	51	No	Yes	9700	Needs further investigation Chebyshev	138.5508
	50	No	No	9700, 1200	95% Chebyshev	31.52881
	49	No	No	9700, 1200, 185	95% Chebyshev	20.78914
4,4'-DDT	54	No	No	None	95% Chebyshev	2482.759
	53	No	No	25000	95% Chebyshev	6.108280
	50	No	No	25000, 42, 27.3, 11.5	95% Chebyshev	0.965634
Acenaphthene	55	No	No	None	95% Chebyshev	276.1788
	54	No	No	2800	95% Chebyshev	10.00722
	50	No	No	2800, 61, 48, 22, 14	95% Chebyshev	1.961845
Acenaphthylene	55	No	No	None	95% Chebyshev	21.86397
	54	No	No	190	95% Chebyshev	8.279565
	53	No	No	190, 70	95% Chebyshev	2.630212
	52	No	No	190, 70, 13	95% Chebyshev	1.984978
Acetophenone	55	No	No	None	95% Chebyshev	21.85646
	54	No	No	190	95% Chebyshev	8.273089

Table 2 (Continued). EPC Terms - All Soils-Area B

Chemical/Compound	#	Normal	Lognormal	Outliers	Recommend	UCL
Acetophenone (Continued)	53	No	No	190, 70	95% Chebyshev	2.630341
	52	No	No	190, 70, 13	95% Chebyshev	1.989075
Aldrin	52	No	No	None	95% Chebyshev	119.9057
	51	No	No	1100	95% Chebyshev	16.64599
alpha-BHC	52	No	No	None	95% Chebyshev	6.209827
	51	No	No	55	95% Chebyshev	1.212689
	50	No	No	55, 6	95% Chebyshev	0.911178
alpha-Chlordane	47	No	No	None	95% Chebyshev	6.561556
	46	No	No	55	95% Chebyshev	0.693260
Aluminum	55	No	No	None	95% Chebyshev	33832.02
	54	No	No	228000	95% Chebyshev	17467.81
Antimony	53	No	No	None	95% Chebyshev	5.734400
Aroclor-1242	52	No	No	None	95% Chebyshev	806.5936
	51	No	No	5600	95% Chebyshev	474.3334
	48	No	No	5600, 3400, 1900, 1050	95% Chebyshev	29.21325
Aroclor-1248	53	No	No	None	95% Chebyshev	3102.531
	52	No	No	29000	95% Chebyshev	454.1036
Aroclor-1254	54	No	Yes	None	Needs further investigation Chebyshev	14205.60
	53	No	Yes	130000	Needs further investigation Chebyshev	3131.205
	52	No	Yes	130000, 19000	Needs further investigation Chebyshev	2070.181
	51	No	Yes	130000, 19000, 8300	Needs further investigation Chebyshev	1754.575

Table 2 (Continued). EPC Terms - All Soils-Area B

Chemical/Compound	#	Normal	Lognormal	Outliers	Recommend	UCL
Arsenic	55	No	Yes	None	H-UCL	46.29394
	54	No	Yes	1060	H-UCL	31.89006
	53	No	Yes	1060, 335	H-UCL	25.09880
Barium	55	No	No	None	95% Chebyshev	868.5587
Benzene	55	No	No	None	95% Chebyshev	0.394623
Benzo(a)anthracene	55	No	No	None	95% Chebyshev	110.8033
	54	No	No	920	95% Chebyshev	49.63317
	51	No	No	920, 340, 220, 170	95% Chebyshev	2.887206
	50	No	No	920, 340, 220, 170, 13	95% Chebyshev	2.242446
Benzo(a)pyrene	55	No	No	None	95% Chebyshev	84.16824
	52	No	No	520.430,340	95% Chebyshev	5.853247
	51	No	No	520, 320, 340, 42	95% Chebyshev	2.750090
	50	No	No	520, 320, 340, 42, 13	95% Chebyshev	2.063897
Benzo(b)fluoranthene	55	No	Yes	None	95% Chebyshev MVUE	27.85890
	51	No	No	460, 450, 360, 180	95% Chebyshev	3.390647
Benzo(g,h,i)perylene	55	No	No	None	95% Chebyshev	39.07361
	52	No	No	220,200,180	95% Chebyshev	2.610410
	51	No	No	220,200, 180, 13	95% Chebyshev	1.904464
Benzo(k)fluoranthene	55	No	No	None	95% Chebyshev	63.18869
	52	No	No	450,200,180	95% Chebyshev	9.055598
	51	No	No	460, 200, 180, 73	95% Chebyshev	2.989952
	50	No	No	460, 200, 180, 73, 13	95% Chebyshev	2.389554

Table 2 (Continued). EPC Terms - All Soils-Area B

Chemical/Compound	#	Normal	Lognormal	Outliers	Recommend	UCL
Cadmium	55	No	No	None	95% Chebyshev	31.58463
Carbazole	54	No	No	None	95% Chebyshev	10.25932
	52	No	No	68,43	95% Chebyshev	3.967465
	50	No	No	68, 43, 23, 13	95% Chebyshev	1.986037
Chromium (total)	55	No	No	None	95% Chebyshev	75.00586
	54	No	Yes	408	H-UCL	36.32314
	53	No	Yes	408, 248	H-UCL	32.31423
Chrysene	55	No	No	None	95% Chebyshev	104.5738
	54	No	No	830	95% Chebyshev	52.57528
	51	No	No	830, 360, 240, 170	95% Chebyshev	3.168197
cis-1,2-Dichloroethylene	55	No	No	None	95% Chebyshev	7.118439
	54	No	No	55	95% Chebyshev	3.584996
	53	No	No	55, 22	95% Chebyshev	2.432636
Copper	47	No	No	None	95% Chebyshev	7108.475
	46	No	Yes	57600	95% Chebyshev MVUE	544.4087
	45	No	Yes	57600, 13600	H-HCL	289.3996
	44	No	Yes	57600, 13600, 1670	H-UCL	230.2472
Cyanide	55	No	No	None	95% Chebyshev	1.072816
	54	No	No	7.6	95% Chebyshev	0.588025
	53	No	No	7.6, 3,4	95% Chebyshev	0.385599
Dibenz(a,h)anthracene	55	No	No	None	95% Chebyshev	13.66962
	52	No	No	75, 66, 47	95% Chebyshev	3.966821

Table 2 (Continued). EPC Terms - All Soils-Area B

Chemical/Compound	#	Normal	Lognormal	Outliers	Recommend	UCL
Dibenz(a,h)anthracene (Continued)	51	No	No	75, 66, 47, 23	95% Chebyshev	2.655479
	50	No	No	75, 66, 47, 23, 13	95% Chebyshev	1.981010
Dibenzofuran	55	No	No	None	95% Chebyshev	167.5193
	54	No	No	1700	95% Chebyshev	4.738547
Dieldrin	48	No	No	None	95% Chebyshev	1254.413
	47	No	No	11000	95% Chebyshev	85.57721
	46	No	No	11000, 520	95% Chebyshev	51.92893
	45	No	No	11000, 520, 310	95% Chebyshev	31.22347
Endosulfan sulfate	51	No	Yes	None	Needs further investigation 95% Chebyshev	19.67104
	47	No	No	105, 76, 62, 59	95% Chebyshev	2.482094
Endrin	45	No	No	None	95% Chebyshev	13.62780
	44	No	No	105	95% Chebyshev	2.887031
	43	No	No	105, 15	95% Chebyshev	1.898722
Endrin aldehyde	51	No	No	None	95% Chebyshev	183.0979
	50	No	No	1700	95% Chebyshev	15.29667
	49	No	No	1700, 120	95% Chebyshev	5.387952
	48	No	No	1700, 120, 27	95% Chebyshev	3.983620
Endrin ketone	53	No	No	None	95% Chebyshev	11.37060
	52	No	No	105	95% Chebyshev	1.869846
	51	No	No	105, 11.5	95% Chebyshev	1.183947
	50	No	No	105, 11.5, 5.4	95% Chebyshev	0.938108

Table 2 (Continued). EPC Terms - All Soils-Area B

Chemical/Compound	#	Normal	Lognormal	Outliers	Recommend	UCL
Fluoranthene	55	No	No	None	95% Chebyshev	419.0983
	54	No	Yes	4000	95% Chebyshev MVUE	24.71044
	51	No	No	4000, 540, 390, 390	95% Chebyshev	3.614785
Fluorene	55	No	No	None	95% Chebyshev	197.4550
	54	No	No	2000	95% Chebyshev	7.049835
gamma-Chlordane	36	No	No	None	95% Chebyshev	1221.666
	35	No	No	8200	95% Chebyshev	4.000105
	34	No	No	8200, 20	95% Chebyshev	2.112730
	32	No	No	8200, 20, 10, 6	95% Chebyshev	0.451561
Heptachlor	52	No	No	None	95% Chebyshev	7.311157
	51	No	No	55	95% Chebyshev	3.699746
	50	No	No	55, 30	95% Chebyshev	1.253408
	48	No	No	55, 30, 6.2, 6	95% Chebyshev	0.539347
Heptachlor epoxide	49	No	No	None	95% Chebyshev	142.7700
	48	No	No	1200	95% Chebyshev	34.56041
	47	No	No	1200, 250	95% Chebyshev	15.62591
	45	No	No	1200, 250, 98, 63.6	95% Chebyshev	4.049719
Indeno(1,2,3-cd)pyrene	55	No	No	No	95% Chebyshev	35.41169
	53	No	No	260,190	95% Chebyshev	5.295627
	52	No	No	260, 190, 38	95% Chebyshev	2.607935
	51	No	No	260, 190, 38, 13	95% Chebyshev	1.908434
Iron	55	No	No	None	95% Chebyshev	46752.66

Table 2 (Continued). EPC Terms - All Soils-Area B

Chemical/Compound	#	Normal	Lognormal	Outliers	Recommend	UCL
Lead	54	No	Yes	None	95% H-UCL	1417.233
	53	No	No	6410	95% Chebyshev	702.0747
	52	No	No	6410, 3725	95% Chebyshev	495.3661
Manganese	47	Yes	No	None	Student's t	462.5674
Mercury	49	No	No	None	95% Chebyshev	1.059123
	46	No	No	5.5, 3.4, 2.2	95% Chebyshev	0.436899
Naphthalene	55	No	No	None	95% Chebyshev	16.63756
	54	No	No	130	95% Chebyshev	8.528476
	53	No	No	130, 70	95% Chebyshev	3.169849
Phenanthrene	55	No	No	None	95% Chebyshev	700.3709
	54	No	No	7000	95% Chebyshev	61.43923
	51	No	No	7000, 400, 270, 250	95% Chebyshev	3.099282
	49	No	No	7000, 400,270, 250, 13, 10	95% Chebyshev	2.072515
Pyrene	55	No	Yes	None	95% Chebyshev MVUE	39.88335
	54	No	No	2600	95% Chebyshev	68.17900
	51	No	No	2600, 490, 350, 120	95% Chebyshev	3.385904
	50	No	No	2600, 490, 350, 120, 13	95% Chebyshev	2.846390
Silver	55	No	Yes	None	95% H-UCL	9.820069
Tetrachloroethylene	53	No	No	None	95% Chebyshev	0.909155
	52	No	No	6.6	95% Chebyshev	0.485622
Thallium	55	No	Yes	None	95% H-UCL	0.990874
	54	No	Yes	7.6	95% H-UCL	0.867852

Table 2 (Continued). EPC Terms - All Soils-Area B

Chemical/Compound	#	Normal	Lognormal	Outliers	Recommend	UCL
Total PCBs	53	No	Yes	None	Needs further investigation Chebyshev	15460.78
	52	No	Yes	130000	Needs further investigation Chebyshev	5198.987
	51	No	Yes	130000, 29000	Needs further investigation Chebyshev	3692.808
	50	No	No	130000, 29000, 13	95% Chebyshev	2733.849
Trichloroethylene	55	No	No	None	95% Chebyshev	8.380233
	51	No	No	47, 33, 30, 22	95% Chebyshev	1.946870
Vanadium	55	No	No	None	95% Chebyshev	83.96197
	54	No	No	532	95% Chebyshev	47.30174
	53	No	No	532, 129	95% Chebyshev	43.35993
Vinyl Chloride	55	No	No	None	95% Chebyshev	0.419700
Zinc	54	No	No	None	95% Chebyshev	1903.044
	53	No	No	14000	95% Chebyshev	943.6806
	52	No	No	14000, 4630	95% Chebyshev	720.0822
	51	No	No	14000, 4630, 105	95% Chebyshev	600.5158

Table 3a. EPC Terms (as Maximum Concentrations) - SS-Area A

Variable name	#	Minimum	Maximum	Mean
2-Methylnaphthalene	5	0.11	0.43	0.223
Acenaphthylene	5	0.065	0.41	0.231
Aldrin	5	0.001	9.2	2.209
Aluminum	5	5610	13900	7814
Antimony	5	0.7	14.9	3.57
Aroclor-1254	5	0.79	340	78.818
Arsenic	5	16	92.1	57.44
Barium	5	61.2	1170	307.72
Benzene	5	0.001	0.006	0.0039
Benzo(a)anthracene	5	0.055	3.1	1.119
Benzo(a)pyrene	5	0.07	2.8	1.126
Benzo(b)fluoranthene	5	0.079	4	1.5918
Benzo(g,h,i)perylene	5	0.051	2.2	0.8942
Dibenz(a,h)anthracene	5	0.096	0.49	0.2452
Endosulfan sulfate	5	0.0018	0.2	0.05936
Endrin aldehyde	5	0.0018	1.3	0.26471
Indeno(1,2,3-cd)pyrene	5	0.051	0.97	0.4672
Iron	5	10900	32200	18800
Lead	5	45.8	52600	10598.7
Manganese	5	341	556	448.2
Phenanthrene	5	0.13	7.8	1.998
Thallium	5	0.22	3.1	0.897
Total PCBs	5	0.79	340	79.008
Aroclor-1242	5	0.018	2	0.6333

Table 3b. EPC Terms (using ProUCL) - SS-Area A

Chemical/Compound	#	Normal	Lognormal	Outliers	Recommend	UCL
2-Methylnaphthalene	5	Yes	---	None	Student's t	0.338867
	5	---	Yes	None	Student's t or H-UCL	0.338867 0.464434
Acenaphthylene	5	Yes	---	None	Student's t	0.349811
	5	---	Yes	None	H-UCL	0.854502
Aldrin	5	No	Yes	None	Needs further Investigation*	9.974857
Aluminum	5	No	Yes	None	Student's T or H-UCL	11199.35 13132.41
Antimony	5	No	No	None	95% Chebyshev	15.91685
Aroclor-1254	5	No	Yes	None	99% Chebyshev (MVUE)	605.6418
Arsenic	5	Yes	---	None	Student's t	85.46940
	5	---	Yes	None	H-UCL	217.3136
Barium	5	No	Yes	None	95% Chebyshev (MVUE)	793.3733
Benzene	5	No	No	None	95% Chebyshev	0.009076
Benzo(a)anthracene	5	Yes	---	None	Student's t	2.251090
	5	---	Yes	None	99% Chebyshev (MVUE)	9.296546
Benzo(a)pyrene	5	Yes	---	None	Student's t	2.122181
	5	---	Yes	None	95% Chebyshev (MVUE)	4.622833
Benzo(b)fluoranthene	5	Yes	---	None	Student's t	3.017071
	5	---	Yes	None	95% Chebyshev (MVUE)	7.044278
Benzo(g,h,i)perylene	5	Yes	---	None	Student's t	1.688814
	5	---	Yes	None	95% Chebyshev (MVUE)	3.784758

Table 3b (Continued). EPC Terms (using ProUCL) - SS-Area A

Chemical/Compound	#	Normal	Lognormal	Outliers	Recommend	UCL
Dibenz(a,h)anthracene	5	Yes	---	None	Student's t	0.385401
	5	---	Yes	None	H-UCL	0.648704
Endosulfan sulfate	5	No	Yes	None	99% Chebyshev (MVUE)	0.519676
Endrin aldehyde	5	No	No	None	95% Chebyshev	1.392973
Indeno(1,2,3-cd)pyrene	5	Yes	---	None	Student's t	0.844376
	5	---	Yes	None	95% Chebyshev (MVUE)	1.618495
Iron	5	Yes	---	None	Student's t	27140.12
	5	---	Yes	None	Student's t or H-UCL	27140.12 36611.19
Lead	5	No	No	None	95% Chebyshev	56368.62
Manganese	5	Yes	---	None	Student's t	538.7681
	5	---	Yes	None	Student's t or H-UCL	538.7681 575.6518
Phenanthrene	5	No	Yes	None	99% Chebyshev (MVUE)	12.15999
Thallium	5	No	Yes	None	95% Chebyshev (MVUE)	2.453931
Total PCBs	5	No	Yes	None	99% Chebyshev (MVUE)	613.3083
Aroclor-1242	5	Yes	---	None	Student's t	1.449302
	5	---	Yes	None	95% Chebyshev (MVUE)	6.476326

Table 4. EPC Terms - All Soils-Area A

Chemical/Compound	#	Normal	Lognormal	Outliers	Recommend	UCL
2-Methylnaphthalene	99	No	No	None	95% Chebyshev	0.863156
4,4'-DDE	86	No	No	None	95% Chebyshev	1.997583
Acenaphthylene	99	No	No	None	95% Chebyshev	0.688731
Aldrin	87	No	No	None	95% Chebyshev	2.379542
	86	No	No	27	95% Chebyshev	1.334012
alpha-BHC	98	No	No	None	95% Chebyshev	0.158833
alpha-Chlordane	96	No	No	None	95% Chebyshev	0.136955
Aluminum	100	No	No	None	95% Chebyshev	13579.87
	99	No	No	60200	95% Chebyshev	12134.65
Antimony	100	No	No	None	95% Chebyshev	3.198704
Aroclor-1242	99	No	No	None	95% Chebyshev	9.567373
	98	No	No	140	95% Chebyshev	4.148291
Aroclor-1248	99	No	No	None	95% Chebyshev	62.74028
	98	No	No	1100	95% Chebyshev	11.46066
Aroclor-1254	97	No	No	None	95% Chebyshev	107.7951
	96	No	No	1000	95% Chebyshev	80.05189
Arsenic	100	No	No	None	95% Chebyshev	21.13652
Barium	100	No	No	None	95% Chebyshev	291.7711
Benzene	98	No	No	None	95% Chebyshev	0.006031
	97	No	No	0.0105	95% Chebyshev	0.005944
Benzo(a)anthracene	99	No	No	None	95% Chebyshev	1.552188
	98	No	No	16	95% Chebyshev	1.045856
	97	No	No	16, 8.7	95% Chebyshev	0.797018

Table 4 (Continued). EPC Terms - All Soils-Area A

Chemical/Compound	#	Normal	Lognormal	Outliers	Recommend	UCL
Benzo(a)pyrene	99	No	No	None	95% Chebyshev	1.327759
	98	No	No	14	95% Chebyshev	0.847342
Benzo(b)fluoranthene	99	No	No	None	95% Chebyshev	1.155440
Benzo(g,h,i)perylene	99	No	No	None	95% Chebyshev	0.907831
	98	No	No	6	95% Chebyshev	0.763765
Benzo(k)fluoranthene	99	No	No	None	95% Chebyshev	1.612606
	98	No	No	19	95% Chebyshev	0.933648
	97	No	No	19, 7.8	95% Chebyshev	0.706173
Cadmium	100	No	No	None	95% Chebyshev	12.82452
	99	No	No	162	95% Chebyshev	7.593337
Copper	100	No	No	None	95% Chebyshev	308.0102
Cyanide	100	No	No	None	95% Chebyshev	0.509241
	99	No	No	6.8	95% Chebyshev	0.202909
delta-BHC	98	No	No	None	95% Chebyshev	0.094688
Dibenz(a,h)anthracene	99	No	No	None	95% Chebyshev	0.534528
Dieldrin	93	No	No	None	95% Chebyshev	2.875530
	92	No	No	43	95% Chebyshev	1.043962
	91	No	No	43, 16	95% Chebyshev	0.257728
Endosulfan sulfate	89	No	No	None	95% Chebyshev	0.322356
Endrin	87	No	No	None	95% Chebyshev	1.793616
	86	No	No	26	95% Chebyshev	0.430467
Endrin aldehyde	90	No	No	None	95% Chebyshev	0.283076

Table 4 (Continued). EPC Terms - All Soils-Area A

Chemical/Compound	#	Normal	Lognormal	Outliers	Recommend	UCL
Endrin aldehyde	90	No	No	None	95% Chebyshev	0.283076
Heptachlor	98	No	No	None	95% Chebyshev	1.790828
	97	No	No	32	95% Chebyshev	0.123281
Heptachlor epoxide	84	No	No	None	95% Chebyshev	0.913295
Indeno(1,2,3-cd)pyrene	99	No	No	None	95% Chebyshev	0.808645
	98	No	No	6	95% Chebyshev	0.648972
Iron	100	No	Yes	None	95% H-UCL	25928.23
Lead	100	No	No	None	95% Chebyshev	3112.271
	99	No	No	52600	95% Chebyshev	647.8826
Manganese	100	No	No	None	95% Chebyshev	799.3425
Mercury	90	No	No	None	95% Chebyshev	0.732142
	89	No	No	8.1	95% Chebyshev	0.438771
	88	No	No	8.1, 5	95% Chebyshev	0.213144
Nickel	100	No	No	None	95% Chebyshev	53.16375
	99	No	No	377	95% Chebyshev	42.47163
Phenanthrene	99	No	No	None	95% Chebyshev	2.467244
Thallium	100	No	No	None	95% Chebyshev	2.838190
Vanadium	100	No	No	None	95% Chebyshev	39.46587
	99	No	Yes	244	95% H-UCL	28.03476
Total PCBs	97	No	No	None	95% Chebyshev	145.8720
Chromium (total)	100	No	Yes	None	95% H-UCL	24.81721

Data

All Soils Area A (With Outliers)

From File C:\Documents and Settings\caravatim\My Docu			
Summary Statistics for	Cyanide	Summary Statistics for	ln(Cyanide)
Number of Samples	101	Minimum	-2.7181005
Minimum	0.066	Maximum	1.91692261
Maximum	6.8	Mean	-2.0283315
Mean	0.215337	Standard Deviation	0.63379063
Median	0.12	Variance	0.40169057
Standard Deviation	0.673258		
Variance	0.453276	Lilliefors Test Statisitic	0.31541559
Coefficient of Variation	3.126537	Lilliefors 5% Critical Value	0.0881603
Skewness	9.554618	Data not Lognormal at 5% Significance Level	
		Data not Normal: Try Non-parametric UCL	
95 % UCL (Assuming Normal Data)			
Student's-t	0.326558	Estimates Assuming Lognormal Distribution	
		MLE Mean	0.16081732
95 % UCL (Adjusted for Skewness)		MLE Standard Deviation	0.11307057
Adjusted-CLT	0.393582	MLE Coefficient of Variation	0.70309947
Modified-t	0.337174	MLE Skewness	2.45687483
		MLE Median	0.13155484
95 % Non-parametric UCL		MLE 80% Quantile	0.22474735
CLT	0.325528	MLE 90% Quantile	0.29703345
Jackknife	0.326558	MLE 95% Quantile	0.37316078
Standard Bootstrap	0.324259	MLE 99% Quantile	0.57456934
Bootstrap-t	0.780107		
Chebyshev (Mean, Std)	0.507347	MVU Estimate of Median	0.13129349
		MVU Estimate of Mean	0.16043595
		MVU Estimate of Std. Dev.	0.11175795
		MVU Estimate of SE of Mean	0.01099819
		UCL Assuming Lognormal Distribution	
		95% H-UCL	0.18155159
		95% Chebyshev (MVUE) UCL	0.20837594
		99% Chebyshev (MVUE) UCL	0.26986654

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General Statistics

All Soils Area (Without Outliers)

From File C:\Documents and Settings\caravatim\My Do			
Summary Statistics for	Cyanide	Summary Statistics for	ln(Cyanide
Number of Samples	100	Minimum	-2.718101
Minimum	0.066	Maximum	-0.210721
Maximum	0.81	Mean	-2.067784
Mean	0.14949	Standard Deviation	0.496944
Median	0.12	Variance	0.246953
Standard Deviation	0.12457		
Variance	0.015518	Lilliefors Test Statisitic	0.287725
Coefficient of Variation	0.833302	Lilliefors 5% Critical Value	0.0886
Skewness	3.421957	Data not Lognormal at 5% Significance Level	
		Data not Normal: Try Non-parametric UCL	
95 % UCL (Assuming Normal Data)			
Student's-t	0.170174	Estimates Assuming Lognormal Distribution	
		MLE Mean	0.143086
95 % UCL (Adjusted for Skewness)		MLE Standard Deviation	0.07573
Adjusted-CLT	0.174535	MLE Coefficient of Variation	0.529263
Modified-t	0.170884	MLE Skewness	1.736046
		MLE Median	0.126466
95 % Non-parametric UCL		MLE 80% Quantile	0.19246
CLT	0.16998	MLE 90% Quantile	0.239498
Jackknife	0.170174	MLE 95% Quantile	0.286416
Standard Bootstrap	0.170032	MLE 99% Quantile	0.401763
Bootstrap-t	0.177127		
Chebyshev (Mean, Std)	0.203789	MVU Estimate of Median	0.12631
		MVU Estimate of Mean	0.142889
		MVU Estimate of Std. Dev.	0.075217
		MVU Estimate of SE of Mean	0.007489
		UCL Assuming Lognormal Distribution	
		95% H-UCL	0.156771
		95% Chebyshev (MVUE) UCL	0.175533
		99% Chebyshev (MVUE) UCL	0.217405

302260

APPENDIX N

302261

APPENDIX N

JOHNSON AND ETTINGER MODEL RESULTS

Table: N-1
Site: Cornell Dubilier Electronics Superfund Site - OU-2
Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Surface Soil
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)
Calculation of Volatilization Factor

Soil-to-Air Volatilization Factor = "m3/kg	Inverse of Mean Concentration at Center of Square Source	X	3.14	X	Apparent Diffusivity	X	Exposure Interval	X	1/2	2	X	Dry Soil Bulk Density	X	Apparent Diffusivity	X	1E-004
									1							
Variable Symbols =	Q/C		Constant		DA		T		Constant			ρβ		DA		Constant
Parameter Values =	42.2		3.14		Calculated		2.8E+008		2			1.7		Calculated		1E-004
Parameter Units =	g/m2-s per kg/m3		unitless		cm2/s		s		unitless			g/cm3		cm2/s		m2/cm2

Chemical of Concern	Inverse of Mean Concentration at Center of Square Source	3.14	Apparent Diffusivity	Exposure Interval	2	Dry Soil UBulk Density	Apparent Diffusivity	1E-004	Volatilization Factor
	g/m2-s per kg/m3	unitless	cm2/s	s	unitless	g/cm3	cm2/s	m2/cm2	m3/kg
1,1-dichloroethylene	42.2	3.14	4.96E-004	2.8E+008	2	1.7	4.96E-004	1E-004	1.66E+003
1,3-dichlorobenzene	42.2	3.14	N/A	2.8E+008	2	1.7	N/A	1E-004	N/A
Benzene	42.2	3.14	1.08E-004	2.8E+008	2	1.7	1.08E-004	1E-004	3.57E+003
cis-1,2-Dichloroethene	42.2	3.14	1.07E-004	2.8E+008	2	1.7	1.07E-004	1E-004	3.58E+003
Tetrachloroethylene	42.2	3.14	1.12E-004	2.8E+008	2	1.7	1.12E-004	1E-004	3.50E+003
Trichloroethene	42.2	3.14	6.49E-005	2.8E+008	2	1.7	6.49E-005	1E-004	4.60E+003
Vinyl chloride	42.2	3.14	1.63E-003	2.8E+008	2	1.7	1.63E-003	1E-004	9.17E+002
2-Methylnaphthalene	42.2	3.14	1.92E-007	2.8E+008	2	1.7	1.92E-007	1E-004	8.45E+004
Acenaphthene	42.2	3.14	1.25E-008	2.8E+008	2	1.7	1.25E-008	1E-004	3.31E+005
Benzo(a)anthracene	42.2	3.14	7.08E-012	2.8E+008	2	1.7	7.08E-012	1E-004	1.39E+007
Benzo(a)pyrene	42.2	3.14	1.15E-012	2.8E+008	2	1.7	1.15E-012	1E-004	3.46E+007
Benzo(b)fluoranthene	42.2	3.14	2.78E-011	2.8E+008	2	1.7	2.78E-011	1E-004	7.03E+006
Benzo(k)fluoranthene	42.2	3.14	4.66E-013	2.8E+008	2	1.7	4.66E-013	1E-004	5.43E+007
Carbazole	42.2	3.14	1.22E-010	2.8E+008	2	1.7	1.22E-010	1E-004	3.36E+006
Chrysene	42.2	3.14	8.05E-011	2.8E+008	2	1.7	8.05E-011	1E-004	4.13E+006
Dibenz(a,h)anthracene	42.2	3.14	7.95E-014	2.8E+008	2	1.7	7.95E-014	1E-004	1.31E+008
Fluoranthene	42.2	3.14	6.47E-011	2.8E+008	2	1.7	6.47E-011	1E-004	4.61E+006
Fluorene	42.2	3.14	2.29E-009	2.8E+008	2	1.7	2.29E-009	1E-004	7.74E+005
Indeno(1,2,3-cd)pyrene	42.2	3.14	2.12E-013	2.8E+008	2	1.7	2.12E-013	1E-004	8.05E+007
Naphthalene	42.2	3.14	1.92E-007	2.8E+008	2	1.7	1.92E-007	1E-004	8.45E+004
Phenanthrene	42.2	3.14	4.24E-011	2.8E+008	2	1.7	4.24E-011	1E-004	5.69E+006
Pyrene	42.2	3.14	4.24E-011	2.8E+008	2	1.7	4.24E-011	1E-004	5.69E+006
2,3,7,8-TCDD	42.2	3.14	N/A	2.8E+008	2	1.7	N/A	1E-004	N/A
4,4'-DDE	42.2	3.14	9.88E-013	2.8E+008	2	1.7	9.88E-013	1E-004	3.73E+007

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Soil-to-Air Volatilization Factor = "m3/kg	Inverse of Mean Concentration at Center of Square Source	X	3.14	X	Apparent Diffusivity	X	Exposure Interval	X	1/2	2	X	Dry Soil Bulk Density	X	Apparent Diffusivity	X	1E-004
									1							

Variable Symbols =	Q/C	Constant	DA	T	Constant	ρβ	DA	Constant
Parameter Values =	ERR	3.14	ERR	ERR	2	ERR	ERR	1E-004
Parameter Units =	g/m2-s per kg/m3	unitless	cm2/s	s	unitless	g/cm3	cm2/s	m2/cm2

Chemical of Concern	Inverse of Mean Concentration at Center of Square Source	0	Apparent Diffusivity	0	2	Dry Soil Bulk Density	Apparent Diffusivity	0E+000	Volatilization Factor
	g/m2-s per kg/m3	unitless	cm2/s	s	unitless	g/cm3	cm2/s	m2/cm2	0
4,4'-DDT	42.2	3.14	6.77E-013	2.8E+008	2	1.7	6.77E-013	1E-004	4.50E+007
Acetophenone	42.2	3.14	N/A	2.8E+008	2	1.7	N/A	1E-004	N/A
Aldrin	42.2	3.14	1.25E-011	2.8E+008	2	1.7	1.25E-011	1E-004	1.05E+007
alpha-BHC	42.2	3.14	1.99E-009	2.8E+008	2	1.7	1.99E-009	1E-004	8.30E+005
alpha-chlordane	42.2	3.14	1.17E-010	2.8E+008	2	1.7	1.17E-010	1E-004	3.42E+006
Dibenzofuran	42.2	3.14	N/A	2.8E+008	2	1.7	N/A	1E-004	N/A
Dieldrin	42.2	3.14	1.32E-010	2.8E+008	2	1.7	1.32E-010	1E-004	3.23E+006
Endosulfan sulfate	42.2	3.14	N/A	2.8E+008	2	1.7	N/A	1E-004	N/A
Endrin	42.2	3.14	1.25E-010	2.8E+008	2	1.7	1.25E-010	1E-004	3.31E+006
Endrin aldehyde	42.2	3.14	1.25E-010	2.8E+008	2	1.7	1.25E-010	1E-004	3.31E+006
gamma-Chlordane	42.2	3.14	N/A	2.8E+008	2	1.7	N/A	1E-004	N/A
Heptachlor	42.2	3.14	1.17E-010	2.8E+008	2	1.7	1.17E-010	1E-004	3.42E+006
Heptachlor epoxide	42.2	3.14	2.33E-011	2.8E+008	2	1.7	2.33E-011	1E-004	7.68E+006
Aroclor 1242	-	-	N/A	-	-	-	N/A	-	1.00E+006
Aroclor 1248	-	-	N/A	-	-	-	N/A	-	1.00E+006
Aroclor 1254	-	-	N/A	-	-	-	N/A	-	1.00E+006
Aroclor 1260	-	-	N/A	-	-	-	N/A	-	1.00E+006
Total PCBs	-	-	N/A	-	-	-	N/A	-	1.00E+006
Dioxin-like PCBs	42.2	3.14	N/A	2.8E+008	2	1.7	N/A	1E-004	N/A
Nondioxin-like PCBs	-	-	N/A	-	-	-	N/A	-	1.00E+006
Aluminum	42.2	3.14	N/A	2.8E+008	2	1.7	N/A	1E-004	N/A
Antimony	42.2	3.14	N/A	2.8E+008	2	1.7	N/A	1E-004	N/A
Arsenic	42.2	3.14	N/A	2.8E+008	2	1.7	N/A	1E-004	N/A
Barium	42.2	3.14	N/A	2.8E+008	2	1.7	N/A	1E-004	N/A
Cadmium	42.2	3.14	N/A	2.8E+008	2	1.7	N/A	1E-004	N/A
Chromium	42.2	3.14	N/A	2.8E+008	2	1.7	N/A	1E-004	N/A
Copper	42.2	3.14	N/A	2.8E+008	2	1.7	N/A	1E-004	N/A
Cyanide	42.2	3.14	N/A	2.8E+008	2	1.7	N/A	1E-004	N/A
Iron	42.2	3.14	N/A	2.8E+008	2	1.7	N/A	1E-004	N/A
Lead	42.2	3.14	N/A	2.8E+008	2	1.7	N/A	1E-004	N/A
Manganese	42.2	3.14	N/A	2.8E+008	2	1.7	N/A	1E-004	N/A
Mercury	42.2	3.14	8.55E-005	2.8E+008	2	1.7	8.55E-005	1E-004	4.01E+003
Nickel	42.2	3.14	N/A	2.8E+008	2	1.7	N/A	1E-004	N/A
Silver	42.2	3.14	N/A	2.8E+008	2	1.7	N/A	1E-004	N/A
Thallium	42.2	3.14	N/A	2.8E+008	2	1.7	N/A	1E-004	N/A
Vanadium	42.2	3.14	N/A	2.8E+008	2	1.7	N/A	1E-004	N/A
Zinc	42.2	3.14	N/A	2.8E+008	2	1.7	N/A	1E-004	N/A

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Table: N-1
Site: Cornell Dubilier Electronics Superfund Site - OU-2
Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Surface Soil
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)
Calculation of Volatilization Factor

$$\text{Apparent Diffusivity (cm2/s)} = \frac{\text{Air-Filled Soil Porosity}^{10/3} \times \text{Diffusivity in Air} \times \text{Dimensionless Henry's Law Constant} + \text{Water-Filled Porosity}^{10/3} \times \text{Diffusivity in Water}}{\text{Total Soil Porosity}^{1} \times \text{Dry Soil Bulk Density} \times \text{Soil-Water Partition Coefficient} + \text{Water-Filled Porosity} + \text{Air-Filled Soil Porosity} \times \text{Dimensionless Henry's Law Constant}}$$

Variable Symbols =	θα	Di	H'	θω	Dw	n	ρβ	Kd	θω	θα	H'
Parameter Values =	0.27	Chemical-specific	Chemical-specific	0.16	Chemical-specific	0.43	1.7	Calculated	0.16	0.27	Chemical-specific
Parameter Units =	unitless	cm2/s	unitless	unitless	cm2/s	unitless	g/cm3	cm3/g	unitless	unitless	unitless

Chemical of Concern	Air-Filled Soil Porosity	Diffusivity in Air	Dimensionless Henry's Law Constant	Water-Filled Porosity	Diffusivity in Water	Total Soil Porosity	Dry Soil Bulk Density	Soil-Water Partition Coefficient	Water-Filled Porosity	Air-Filled Soil Porosity	Dimensionless Henry's Law Constant	Apparent Diffusivity
	unitless	cm2/s	unitless	unitless	cm2/s	unitless	g/cm3	cm3/g	unitless	unitless	unitless	cm2/s
1,1-dichloroethylene	0.27	9.00E-002	1.07E+000	0.16	1.04E-005	0.43	1.7	3.11E+000	0.16	0.27	1.07E+000	4.96E-004
1,3-dichlorobenzene	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Benzene	0.27	8.80E-002	2.28E-001	0.16	9.80E-006	0.43	1.7	3.11E+000	0.16	0.27	2.28E-001	1.08E-004
cis-1,2-Dichloroethene	0.27	7.36E-002	1.67E-001	0.16	1.13E-005	0.43	1.7	1.88E+000	0.16	0.27	1.67E-001	1.07E-004
Tetrachloroethylene	0.27	7.20E-002	7.54E-001	0.16	8.20E-006	0.43	1.7	8.20E+000	0.16	0.27	7.54E-001	1.12E-004
Trichloroethene	0.27	7.90E-002	4.22E-001	0.16	9.10E-006	0.43	1.7	8.78E+000	0.16	0.27	4.22E-001	6.49E-005
Vinyl chloride	0.27	1.06E-001	1.11E+000	0.16	1.23E-006	0.43	1.7	9.84E-001	0.16	0.27	1.11E+000	1.63E-003
2-Methylnaphthalene	0.27	5.90E-002	1.98E-002	0.16	7.50E-006	0.43	1.7	1.06E+002	0.16	0.27	1.98E-002	1.92E-007
Acenaphthene	0.27	4.21E-002	6.36E-003	0.16	7.69E-006	0.43	1.7	3.74E+002	0.16	0.27	6.36E-003	1.25E-008
Benzo(a)anthracene	0.27	5.10E-002	1.37E-004	0.16	9.00E-006	0.43	1.7	2.10E+004	0.16	0.27	1.37E-004	7.08E-012
Benzo(a)pyrene	0.27	4.30E-002	4.63E-005	0.16	9.00E-006	0.43	1.7	5.39E+004	0.16	0.27	4.63E-005	1.15E-012
Benzo(b)fluoranthene	0.27	2.26E-002	4.55E-003	0.16	5.56E-006	0.43	1.7	6.50E+004	0.16	0.27	4.55E-003	2.78E-011
Benzo(k)fluoranthene	0.27	2.26E-002	3.40E-005	0.16	5.56E-006	0.43	1.7	6.50E+004	0.16	0.27	3.40E-005	4.66E-013
Carbazole	0.27	3.90E-002	6.26E-007	0.16	7.03E-006	0.43	1.7	1.79E+002	0.16	0.27	6.26E-007	1.22E-010
Chrysene	0.27	2.48E-002	3.88E-003	0.16	6.21E-006	0.43	1.7	2.10E+004	0.16	0.27	3.88E-003	8.05E-011
Dibenz(a,h)anthracene	0.27	2.02E-002	6.03E-007	0.16	5.18E-006	0.43	1.7	2.01E+005	0.16	0.27	6.03E-007	7.95E-014
Fluoranthene	0.27	3.02E-002	6.60E-004	0.16	6.35E-006	0.43	1.7	5.66E+003	0.16	0.27	6.60E-004	6.47E-011
Fluorene	0.27	3.63E-002	2.61E-003	0.16	7.88E-006	0.43	1.7	7.30E+002	0.16	0.27	2.61E-003	2.29E-009
Indeno(1,2,3-cd)pyrene	0.27	1.90E-002	6.56E-005	0.16	5.66E-006	0.43	1.7	1.83E+005	0.16	0.27	6.56E-005	2.12E-013
Naphthalene	0.27	5.90E-002	1.98E-002	0.16	7.50E-006	0.43	1.7	1.06E+002	0.16	0.27	1.98E-002	1.92E-007
Phenanthrene	0.27	2.72E-002	4.51E-004	0.16	7.24E-006	0.43	1.7	5.55E+003	0.16	0.27	4.51E-004	4.24E-011
Pyrene	0.27	2.72E-002	4.51E-004	0.16	7.24E-006	0.43	1.7	5.55E+003	0.16	0.27	4.51E-004	4.24E-011
2,3,7,8-TCDD	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
4,4'-DDE	0.27	1.44E-002	8.61E-004	0.16	5.87E-006	0.43	1.7	2.36E+005	0.16	0.27	8.61E-004	9.88E-013

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$$\text{Apparent Diffusivity (cm2/s)} = \frac{\text{Air-Filled Soil Porosity}^{10/3} \times \text{Diffusivity in Air} \times \text{Dimensionless Henry's Law Constant}}{\text{Total Soil Porosity}^{1}} + \frac{\text{Water-Filled Porosity}^{10/3} \times \text{Diffusivity in Water}}{\text{Dry Soil Bulk Density} \times \text{Soil-Water Partition Coefficient}^{1}} + \frac{\text{Water-Filled Porosity}}{\text{Air-Filled Soil Porosity} \times \text{Dimensionless Henry's Law Constant}}$$

Variable Symbols =	θα	Di	H'	θω	Dw	n	ρβ	Kd	θω	θα	H'
Parameter Values =	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR
Parameter Units =	unitless	cm2/s	unitless	unitless	cm2/s	unitless	g/cm3	cm3/g	unitless	unitless	unitless

Chemical of Concern	0E+000	0E+000			0E+000	Total Soil Porosity	Dry Soil Bulk Density	Soil-Water Partition Coefficient	Water-Filled Porosity	Air-Filled Soil Porosity	Dimensionless Henry's Law Constant	Apparent Diffusivity
	unitless	cm2/s	unitless	unitless	cm2/s	unitless	g/cm3	cm3/g	unitless	unitless	unitless	cm2/s
4,4'-DDT	0.27	1.37E-002	3.32E-004	0.16	4.95E-006	0.43	1.7	1.39E+005	0.16	0.27	3.32E-004	6.77E-013
Acetophenone	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Aldrin	0.27	1.32E-002	6.97E-003	0.16	4.86E-006	0.43	1.7	1.30E+005	0.16	0.27	6.97E-003	1.25E-011
alpha-BHC	0.27	1.42E-002	4.35E-004	0.16	7.34E-006	0.43	1.7	6.50E+001	0.16	0.27	4.35E-004	1.99E-009
alpha-chlordane	0.27	1.12E-002	4.47E-002	0.16	5.69E-006	0.43	1.7	7.46E+004	0.16	0.27	4.47E-002	1.17E-010
Dibenzofuran	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Dieldrin	0.27	1.25E-002	6.19E-004	0.16	4.74E-006	0.43	1.7	1.13E+003	0.16	0.27	6.19E-004	1.32E-010
Endosulfan sulfate	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Endrin	0.27	1.25E-002	3.08E-004	0.16	4.74E-006	0.43	1.7	6.50E+002	0.16	0.27	3.08E-004	1.25E-010
Endrin aldehyde	0.27	1.25E-002	3.08E-004	0.16	4.74E-006	0.43	1.7	6.50E+002	0.16	0.27	3.08E-004	1.25E-010
gamma-Chlordane	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Heptachlor	0.27	1.12E-002	4.47E-002	0.16	5.69E-006	0.43	1.7	7.46E+004	0.16	0.27	4.47E-002	1.17E-010
Heptachlor epoxide	0.27	1.32E-002	3.90E-004	0.16	4.23E-006	0.43	1.7	4.40E+003	0.16	0.27	3.90E-004	2.33E-011
Aroclor 1242	-	-	-	-	-	-	-	-	-	-	-	N/A
Aroclor 1248	-	-	-	-	-	-	-	-	-	-	-	N/A
Aroclor 1254	-	-	-	-	-	-	-	-	-	-	-	N/A
Aroclor 1260	-	-	-	-	-	-	-	-	-	-	-	N/A
Total PCBs	-	-	-	-	-	-	-	-	-	-	-	N/A
Dioxin-like PCBs	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Nondioxin-like PCBs	-	-	-	-	-	-	-	-	-	-	-	N/A
Aluminum	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Antimony	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Arsenic	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Barium	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Cadmium	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Chromium	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Copper	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Cyanide	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Iron	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Lead	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Manganese	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Mercury	0.27	3.07E-002	4.67E-001	0.16	6.30E-006	0.43	1.7	2.75E+000	0.16	0.27	4.67E-001	8.55E-005
Nickel	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Silver	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Thallium	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Vanadium	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Zinc	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A

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Table: N-1
Site: Cornell Dubilier Electronics Superfund Site - OU-2
Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Surface Soil
Receptor Population: Trespasser
Receptor Age: Youth (Age 10-18 years)
Calculation of Volatilization Factor

Soil-Water Partition Coefficient = cm3/g	Soil Organic Carbon-Water Partition Coefficient	X	Fraction of Organic Carbon
Soil-Water Partition Coefficient = cm3/h			

Variable Symbols =	Koc	foc
Parameter Values =	Chemical-specific	0.05
Parameter Units =	cm3/g	unitless

Chemical of Concern	Soil Organic Carbon-Water Partition Coefficient	Fraction of Organic Carbon	Soil-Water Partition Coefficient
	cm3/g	unitless	cm3/g
1,1-dichloroethylene	5.89E+001	0.05	3.11E+000
1,3-dichlorobenzene	ND	0.05	N/A
Benzene	5.89E+001	0.05	3.11E+000
cis-1,2-Dichloroethene	3.55E+001	0.05	1.88E+000
Tetrachloroethylene	1.55E+002	0.05	8.20E+000
Trichloroethene	1.66E+002	0.05	8.78E+000
Vinyl chloride	1.86E+001	0.05	9.84E-001
2-Methylnaphthalene	2.00E+003	0.05	1.06E+002
Acenaphthene	7.08E+003	0.05	3.74E+002
Benzo(a)anthracene	3.98E+005	0.05	2.10E+004
Benzo(a)pyrene	1.02E+006	0.05	5.39E+004
Benzo(b)fluoranthene	1.23E+006	0.05	6.50E+004
Benzo(k)fluoranthene	1.23E+006	0.05	6.50E+004
Carbazole	3.39E+003	0.05	1.79E+002
Chrysene	3.98E+005	0.05	2.10E+004
Dibenz(a,h)anthracene	3.80E+006	0.05	2.01E+005
Fluoranthene	1.07E+005	0.05	5.66E+003
Fluorene	1.38E+004	0.05	7.30E+002
Indeno(1,2,3-cd)pyrene	3.47E+006	0.05	1.83E+005
Naphthalene	2.00E+003	0.05	1.06E+002
Phenanthrene	1.05E+005	0.05	5.55E+003
Pyrene	1.05E+005	0.05	5.55E+003
2,3,7,8-TCDD	ND	0.05	N/A
4,4'-DDE	4.47E+006	0.05	2.36E+005

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Soil-Water Partition Coefficient = cm3/g	Soil Organic Carbon-Water Partition Coefficient	X	Fraction of Organic Carbon

Variable Symbols =	Koc	foc
Parameter Values =	ERR	ERR
Parameter Units =	cm3/g	unitless

Chemical of Concern	cm3/g	unitless	Soil-Water Partition Coefficient cm3/g
4,4'-DDT	2.63E+006	0.05	1.39E+005
Acetophenone	ND	0.05	N/A
Aldrin	2.45E+006	0.05	1.30E+005
alpha-BHC	1.23E+003	0.05	6.50E+001
alpha-chlordane	1.41E+006	0.05	7.46E+004
Dibenzofuran	ND	0.05	N/A
Dieldrin	2.14E+004	0.05	1.13E+003
Endosulfan sulfate	ND	0.05	N/A
Endrin	1.23E+004	0.05	6.50E+002
Endrin aldehyde	1.23E+004	0.05	6.50E+002
gamma-Chlordane	ND	0.05	N/A
Heptachlor	1.41E+006	0.05	7.46E+004
Heptachlor epoxide	8.32E+004	0.05	4.40E+003
Aroclor 1242	-	-	N/A
Aroclor 1248	-	-	N/A
Aroclor 1254	-	-	N/A
Aroclor 1260	-	-	N/A
Total PCBs	-	-	N/A
Dioxin-like PCBs	ND	0.05	N/A
Nondioxin-like PCBs	-	-	N/A
Aluminum	ND	0.05	N/A
Antimony	ND	0.05	N/A
Arsenic	ND	0.05	N/A
Barium	ND	0.05	N/A
Cadmium	ND	0.05	N/A
Chromium	ND	0.05	N/A
Copper	ND	0.05	N/A
Cyanide	ND	0.05	N/A
Iron	ND	0.05	N/A
Lead	ND	0.05	N/A
Manganese	ND	0.05	N/A
Mercury	5.20E+001	0.05	2.75E+000
Nickel	ND	0.05	N/A
Silver	ND	0.05	N/A
Thallium	ND	0.05	N/A
Vanadium	ND	0.05	N/A
Zinc	ND	0.05	N/A

302268

Table: N-2
Site: Cornell Dubilier Electronics Superfund Site - OU-2
Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Surface Soil
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult
Calculation of Volatilization Factor

r Volatilization Factor = m3/kg	Inverse of Mean Concentration at Center of Square Source	X	3.14	X	Apparent Diffusivity	X	Exposure Interval	X	1/2	1	2	X	Dry Soil Bulk Density	X	Apparent Diffusivity	X	1E-004

Variable Symbols =	Q/C	Constant	DA	T	Constant	ρβ	DA	Constant
Parameter Values =	42.2	3.14	Calculated	7.9E+008	2	1.7	Calculated	1E-004
Parameter Units =	g/m2-s per kg/m3	unitless	cm2/s	s	unitless	g/cm3	cm2/s	m2/cm2

Chemical of Concern	Inverse of Mean Concentration at Center of Square Source	3.14	Apparent Diffusivity	Exposure Interval	2	Dry Soil Bulk Density	Apparent Diffusivity	1E-004	Volatilization Factor
	g/m2-s per kg/m3	unitless	cm2/s	s	unitless	g/cm3	cm2/s	m2/cm2	m3/kg
1,1-dichloroethylene	42.2	3.14	4.96E-004	7.9E+008	2	1.7	4.96E-004	1E-004	2.77E+003
1,3-dichlorobenzene	42.2	3.14	N/A	7.9E+008	2	1.7	N/A	1E-004	N/A
Benzene	42.2	3.14	1.08E-004	7.9E+008	2	1.7	1.08E-004	1E-004	5.95E+003
cis-1,2-Dichloroethene	42.2	3.14	1.07E-004	7.9E+008	2	1.7	1.07E-004	1E-004	5.97E+003
Tetrachloroethylene	42.2	3.14	1.12E-004	7.9E+008	2	1.7	1.12E-004	1E-004	5.83E+003
Trichloroethene	42.2	3.14	6.49E-005	7.9E+008	2	1.7	6.49E-005	1E-004	7.67E+003
Vinyl chloride	42.2	3.14	1.63E-003	7.9E+008	2	1.7	1.63E-003	1E-004	1.53E+003
2-Methylnaphthalene	42.2	3.14	1.92E-007	7.9E+008	2	1.7	1.92E-007	1E-004	1.41E+005
Acenaphthene	42.2	3.14	1.25E-008	7.9E+008	2	1.7	1.25E-008	1E-004	5.52E+005
Benzo(a)anthracene	42.2	3.14	7.08E-012	7.9E+008	2	1.7	7.08E-012	1E-004	2.32E+007
Benzo(a)pyrene	42.2	3.14	1.15E-012	7.9E+008	2	1.7	1.15E-012	1E-004	5.76E+007
Benzo(b)fluoranthene	42.2	3.14	2.78E-011	7.9E+008	2	1.7	2.78E-011	1E-004	1.17E+007
Benzo(k)fluoranthene	42.2	3.14	4.66E-013	7.9E+008	2	1.7	4.66E-013	1E-004	9.05E+007
Carbazole	42.2	3.14	1.22E-010	7.9E+008	2	1.7	1.22E-010	1E-004	5.60E+006
Chrysene	42.2	3.14	8.05E-011	7.9E+008	2	1.7	8.05E-011	1E-004	6.88E+006
Dibenz(a,h)anthracene	42.2	3.14	7.95E-014	7.9E+008	2	1.7	7.95E-014	1E-004	2.19E+008
Fluoranthene	42.2	3.14	6.47E-011	7.9E+008	2	1.7	6.47E-011	1E-004	7.68E+006
Fluorene	42.2	3.14	2.29E-009	7.9E+008	2	1.7	2.29E-009	1E-004	1.29E+006
Indeno(1,2,3-cd)pyrene	42.2	3.14	2.12E-013	7.9E+008	2	1.7	2.12E-013	1E-004	1.34E+008
Naphthalene	42.2	3.14	1.92E-007	7.9E+008	2	1.7	1.92E-007	1E-004	1.41E+005
Phenanthrene	42.2	3.14	4.24E-011	7.9E+008	2	1.7	4.24E-011	1E-004	9.48E+006
Pyrene	42.2	3.14	4.24E-011	7.9E+008	2	1.7	4.24E-011	1E-004	9.48E+006
2,3,7,8-TCDD	42.2	3.14	N/A	7.9E+008	2	1.7	N/A	1E-004	N/A

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Soil-to-Air Volatilization Factor = m3/kg	Inverse of Mean Concentration at Center of Square Source	X	3.14	X	Apparent Diffusivity	X	Exposure Interval	X	1/2	X	1	X	Dry Soil Bulk Density	X	Apparent Diffusivity	X	1E-004
											2						

Variable Symbols =	Q/C	Constant	DA	T	Constant	ρβ	DA	Constant
Parameter Values =	ERR	3.14	ERR	ERR	2	ERR	ERR	1E-004
Parameter Units =	g/m2-s per kg/m3	unitless	cm2/s	s	unitless	g/cm3	cm2/s	m2/cm2

Chemical of Concern	0	0		Exposure Interval	2	Dry Soil Bulk Density	Apparent Diffusivity	0E+000	Volatilization Factor
	g/m2-s per kg/m3	unitless	cm2/s	s	unitless	g/cm3	cm2/s	m2/cm2	0
4,4'-DDE	42.2	3.14	9.88E-013	7.9E+008	2	1.7	9.88E-013	1E-004	6.21E+007
4,4'-DDT	42.2	3.14	6.77E-013	7.9E+008	2	1.7	6.77E-013	1E-004	7.50E+007
Acetophenone	42.2	3.14	N/A	7.9E+008	2	1.7	N/A	1E-004	N/A
Aldrin	42.2	3.14	1.25E-011	7.9E+008	2	1.7	1.25E-011	1E-004	1.75E+007
alpha-BHC	42.2	3.14	1.99E-009	7.9E+008	2	1.7	1.99E-009	1E-004	1.38E+006
alpha-chlordane	42.2	3.14	1.17E-010	7.9E+008	2	1.7	1.17E-010	1E-004	5.71E+006
Dibenzofuran	42.2	3.14	N/A	7.9E+008	2	1.7	N/A	1E-004	N/A
Dieldrin	42.2	3.14	1.32E-010	7.9E+008	2	1.7	1.32E-010	1E-004	5.38E+006
Endosulfan sulfate	42.2	3.14	N/A	7.9E+008	2	1.7	N/A	1E-004	N/A
Endrin	42.2	3.14	1.25E-010	7.9E+008	2	1.7	1.25E-010	1E-004	5.52E+006
Endrin aldehyde	42.2	3.14	1.25E-010	7.9E+008	2	1.7	1.25E-010	1E-004	5.52E+006
gamma-Chlordane	42.2	3.14	N/A	7.9E+008	2	1.7	N/A	1E-004	N/A
Heptachlor	42.2	3.14	1.17E-010	7.9E+008	2	1.7	1.17E-010	1E-004	5.71E+006
Heptachlor epoxide	42.2	3.14	2.33E-011	7.9E+008	2	1.7	2.33E-011	1E-004	1.28E+007
Aroclor 1242	-	-	N/A	-	-	-	N/A	-	1.00E+006
Aroclor 1248	-	-	N/A	-	-	-	N/A	-	1.00E+006
Aroclor 1254	-	-	N/A	-	-	-	N/A	-	1.00E+006
Aroclor 1260	-	-	N/A	-	-	-	N/A	-	1.00E+006
Total PCBs	-	-	N/A	-	-	-	N/A	-	1.00E+006
Dioxin-like PCBs	42.2	3.14	N/A	7.9E+008	2	1.7	N/A	1E-004	N/A
Nondioxin-like PCBs	-	-	N/A	-	-	-	N/A	-	1.00E+006
Aluminum	42.2	3.14	N/A	7.9E+008	2	1.7	N/A	1E-004	N/A
Antimony	42.2	3.14	N/A	7.9E+008	2	1.7	N/A	1E-004	N/A
Arsenic	42.2	3.14	N/A	7.9E+008	2	1.7	N/A	1E-004	N/A
Barium	42.2	3.14	N/A	7.9E+008	2	1.7	N/A	1E-004	N/A
Cadmium	42.2	3.14	N/A	7.9E+008	2	1.7	N/A	1E-004	N/A
Chromium	42.2	3.14	N/A	7.9E+008	2	1.7	N/A	1E-004	N/A
Copper	42.2	3.14	N/A	7.9E+008	2	1.7	N/A	1E-004	N/A
Cyanide	42.2	3.14	N/A	7.9E+008	2	1.7	N/A	1E-004	N/A
Iron	42.2	3.14	N/A	7.9E+008	2	1.7	N/A	1E-004	N/A
Lead	42.2	3.14	N/A	7.9E+008	2	1.7	N/A	1E-004	N/A
Manganese	42.2	3.14	N/A	7.9E+008	2	1.7	N/A	1E-004	N/A
Mercury	42.2	3.14	8.55E-005	7.9E+008	2	1.7	8.55E-005	1E-004	6.68E+003
Nickel	42.2	3.14	N/A	7.9E+008	2	1.7	N/A	1E-004	N/A
Silver	42.2	3.14	N/A	7.9E+008	2	1.7	N/A	1E-004	N/A
Thallium	42.2	3.14	N/A	7.9E+008	2	1.7	N/A	1E-004	N/A
Vanadium	42.2	3.14	N/A	7.9E+008	2	1.7	N/A	1E-004	N/A
Zinc	42.2	3.14	N/A	7.9E+008	2	1.7	N/A	1E-004	N/A

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Table: N-2
Site: Cornell Dubilier Electronics Superfund Site - OU-2
Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Surface Soil
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult
Calculation of Volatilization Factor

$$\text{Apparent Diffusivity} = \frac{\left(\text{Air-Filled Soil Porosity}^{10/3} \times \text{Diffusivity in Air} \times \text{Dimensionless Henry's Law Constant}\right) + \left(\text{Water-Filled Porosity}^{10/3} \times \text{Diffusivity in Water}\right)}{\text{Total Soil Porosity}^{2}} \times \left(\frac{1}{\text{Soil Bulk Density} \times \text{Soil-Water Partition Coefficient}} + \text{Water-Filled Porosity} + \text{Air-Filled Soil Porosity} \times \text{Dimensionless Henry's Law Constant}\right)$$

Variable Symbols =	θ_a	Di	H'	θ_w	Dw	n	ρ_b	Kd	θ_w	θ_a	H'
Parameter Values =	0.27	Chemical-specific	Chemical-specific	0.16	Chemical-specific	0.43	1.7	Calculated	0.16	0.27	Chemical-specific
Parameter Units =	unitless	cm2/s	unitless	unitless	cm2/s	unitless	g/cm3	cm3/g	unitless	unitless	unitless

Chemical of Concern	Air-Filled Soil Porosity	Diffusivity in Air	Dimensionless Henry's Law Constant	Water-Filled Porosity	Diffusivity in Water	Total Soil Porosity	Dry Soil Bulk Density	Soil-Water Partition Coefficient	Water-Filled Porosity	Air-Filled Soil Porosity	Dimensionless Henry's Law Constant	Apparent Diffusivity
	unitless	cm2/s	unitless	unitless	cm2/s	unitless	g/cm3	cm3/g	unitless	unitless	unitless	cm2/s
1,1-dichloroethylene	0.27	9.00E-002	1.07E+000	0.16	1.04E-005	0.43	1.7	3.11E+000	0.16	0.27	1.07E+000	4.96E-004
1,3-dichlorobenzene	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Benzene	0.27	8.80E-002	2.28E-001	0.16	9.80E-006	0.43	1.7	3.11E+000	0.16	0.27	2.28E-001	1.08E-004
cis-1,2-Dichloroethene	0.27	7.36E-002	1.67E-001	0.16	1.13E-005	0.43	1.7	1.88E+000	0.16	0.27	1.67E-001	1.07E-004
Tetrachloroethylene	0.27	7.20E-002	7.54E-001	0.16	8.20E-006	0.43	1.7	8.20E+000	0.16	0.27	7.54E-001	1.12E-004
Trichloroethene	0.27	7.90E-002	4.22E-001	0.16	9.10E-006	0.43	1.7	8.78E+000	0.16	0.27	4.22E-001	6.49E-005
Vinyl chloride	0.27	1.06E-001	1.11E+000	0.16	1.23E-006	0.43	1.7	9.84E-001	0.16	0.27	1.11E+000	1.63E-003
2-Methylnaphthalene	0.27	5.90E-002	1.98E-002	0.16	7.50E-006	0.43	1.7	1.06E+002	0.16	0.27	1.98E-002	1.92E-007
Acenaphthene	0.27	4.21E-002	6.36E-003	0.16	7.69E-006	0.43	1.7	3.74E+002	0.16	0.27	6.36E-003	1.25E-008
Benzo(a)anthracene	0.27	5.10E-002	1.37E-004	0.16	9.00E-006	0.43	1.7	2.10E+004	0.16	0.27	1.37E-004	7.08E-012
Benzo(a)pyrene	0.27	4.30E-002	4.63E-005	0.16	9.00E-006	0.43	1.7	5.39E+004	0.16	0.27	4.63E-005	1.15E-012
Benzo(b)fluoranthene	0.27	2.26E-002	4.55E-003	0.16	5.56E-006	0.43	1.7	6.50E+004	0.16	0.27	4.55E-003	2.78E-011
Benzo(k)fluoranthene	0.27	2.26E-002	3.40E-005	0.16	5.56E-006	0.43	1.7	6.50E+004	0.16	0.27	3.40E-005	4.66E-013
Carbazole	0.27	3.90E-002	6.26E-007	0.16	7.03E-006	0.43	1.7	1.79E+002	0.16	0.27	6.26E-007	1.22E-010
Chrysene	0.27	2.48E-002	3.88E-003	0.16	6.21E-006	0.43	1.7	2.10E+004	0.16	0.27	3.88E-003	8.05E-011
Dibenz(a,h)anthracene	0.27	2.02E-002	6.03E-007	0.16	5.18E-006	0.43	1.7	2.01E+005	0.16	0.27	6.03E-007	7.95E-014
Fluoranthene	0.27	3.02E-002	6.60E-004	0.16	6.35E-006	0.43	1.7	5.66E+003	0.16	0.27	6.60E-004	6.47E-011
Fluorene	0.27	3.63E-002	2.61E-003	0.16	7.88E-006	0.43	1.7	7.30E+002	0.16	0.27	2.61E-003	2.29E-009
Indeno(1,2,3-cd)pyrene	0.27	1.90E-002	6.56E-005	0.16	5.66E-006	0.43	1.7	1.83E+005	0.16	0.27	6.56E-005	2.12E-013
Naphthalene	0.27	5.90E-002	1.98E-002	0.16	7.50E-006	0.43	1.7	1.06E+002	0.16	0.27	1.98E-002	1.92E-007
Phenanthrene	0.27	2.72E-002	4.51E-004	0.16	7.24E-006	0.43	1.7	5.55E+003	0.16	0.27	4.51E-004	4.24E-011
Pyrene	0.27	2.72E-002	4.51E-004	0.16	7.24E-006	0.43	1.7	5.55E+003	0.16	0.27	4.51E-004	4.24E-011
2,3,7,8-TCDD	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A

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Apparent Diffusivity = "cm2/s	Air-Filled Soil Porosity (10/3)	X	Diffusivity in Air	X	Dimensionless Henry's Law Constant	+	Water-Filled Porosity (10/3)	X	Diffusivity in Water	X	1 / Total Soil Porosity	X	1 / Soil Bulk Densit	X	Soil-Water Partition Coefficient	+	Water-Filled Porosity	+	Air-Filled Soil Porosity	X	Dimensionless Henry's Law Constant

Variable Symbols =	θα	Di	H'	θω	Dw	n	ρβ	Kd	θω	θα	H'
Parameter Values =	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR
Parameter Units =	unitless	cm2/s	unitless	unitless	cm2/s	unitless	g/cm3	cm3/g	unitless	unitless	unitless

Chemical of Concern		Diffusivity in Air	Dimensionless Henry's Law Constant			Total Soil Porosity	Soil Bulk Densit	Soil-Water Partition Coefficient	Water-Filled Porosity	Air-Filled Soil Porosity	Dimensionless Henry's Law Constant	Apparent Diffusivity
	unitless	cm2/s	unitless	unitless	cm2/s	unitless	g/cm3	cm3/g	unitless	unitless	unitless	0
4,4'-DDE	0.27	1.44E-002	8.61E-004	0.16	5.87E-006	0.43	1.7	2.36E+005	0.16	0.27	8.61E-004	9.88E-013
4,4'-DDT	0.27	1.37E-002	3.32E-004	0.16	4.95E-006	0.43	1.7	1.39E+005	0.16	0.27	3.32E-004	6.77E-013
Acetophenone	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Aldrin	0.27	1.32E-002	6.97E-003	0.16	4.86E-006	0.43	1.7	1.30E+005	0.16	0.27	6.97E-003	1.25E-011
alpha-BHC	0.27	1.42E-002	4.35E-004	0.16	7.34E-006	0.43	1.7	6.50E+001	0.16	0.27	4.35E-004	1.99E-009
alpha-chlordane	0.27	1.12E-002	4.47E-002	0.16	5.69E-006	0.43	1.7	7.46E+004	0.16	0.27	4.47E-002	1.17E-010
Dibenzofuran	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Dieldrin	0.27	1.25E-002	6.19E-004	0.16	4.74E-006	0.43	1.7	1.13E+003	0.16	0.27	6.19E-004	1.32E-010
Endosulfan sulfate	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Endrin	0.27	1.25E-002	3.08E-004	0.16	4.74E-006	0.43	1.7	6.50E+002	0.16	0.27	3.08E-004	1.25E-010
Endrin aldehyde	0.27	1.25E-002	3.08E-004	0.16	4.74E-006	0.43	1.7	6.50E+002	0.16	0.27	3.08E-004	1.25E-010
gamma-Chlordane	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Heptachlor	0.27	1.12E-002	4.47E-002	0.16	5.69E-006	0.43	1.7	7.46E+004	0.16	0.27	4.47E-002	1.17E-010
Heptachlor epoxide	0.27	1.32E-002	3.90E-004	0.16	4.23E-006	0.43	1.7	4.40E+003	0.16	0.27	3.90E-004	2.33E-011
Aroclor 1242	-	-	-	-	-	-	-	-	-	-	-	N/A
Aroclor 1248	-	-	-	-	-	-	-	-	-	-	-	N/A
Aroclor 1254	-	-	-	-	-	-	-	-	-	-	-	N/A
Aroclor 1260	-	-	-	-	-	-	-	-	-	-	-	N/A
Total PCBs	-	-	-	-	-	-	-	-	-	-	-	N/A
Dioxin-like PCBs	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Nondioxin-like PCBs	-	-	-	-	-	-	-	-	-	-	-	N/A
Aluminum	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Antimony	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Arsenic	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Barium	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Cadmium	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Chromium	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Copper	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Cyanide	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Iron	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Lead	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Manganese	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Mercury	0.27	3.07E-002	4.67E-001	0.16	6.30E-006	0.43	1.7	2.75E+000	0.16	0.27	4.67E-001	8.55E-005
Nickel	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Silver	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Thallium	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Vanadium	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Zinc	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A

302272

Table: N-2
Site: Cornell Dubilier Electronics Superfund Site - OU-2
Scenario Timeframe: Current
Medium: Surface Soil
Exposure Medium: Surface Soil
Exposure Point: Surface Soil
Receptor Population: Site Worker (Outdoor)
Receptor Age: Adult
Calculation of Volatilization Factor

Soil-Water Partition Coefficient = cm3/g	Soil Organic Carbon-Water Partition Coefficient	X	Fraction of Organic Carbon

Variable Symbols =	Koc	foc
Parameter Values =	Chemical-specific	0.05
Parameter Units =	cm3/g	unitless

Chemical of Concern	Soil Organic Carbon-Water Partition Coefficient	Fraction of Organic Carbon	Soil-Water Partition Coefficient
	cm3/g	unitless	cm3/g
1,1-dichloroethylene	5.89E+001	0.05	3.11E+000
1,3-dichlorobenzene	ND	0.05	N/A
Benzene	5.89E+001	0.05	3.11E+000
cis-1,2-Dichloroethene	3.55E+001	0.05	1.88E+000
Tetrachloroethylene	1.55E+002	0.05	8.20E+000
Trichloroethene	1.66E+002	0.05	8.78E+000
Vinyl chloride	1.86E+001	0.05	9.84E-001
2-Methylnaphthalene	2.00E+003	0.05	1.06E+002
Acenaphthene	7.08E+003	0.05	3.74E+002
Benzo(a)anthracene	3.98E+005	0.05	2.10E+004
Benzo(a)pyrene	1.02E+006	0.05	5.39E+004
Benzo(b)fluoranthene	1.23E+006	0.05	6.50E+004
Benzo(k)fluoranthene	1.23E+006	0.05	6.50E+004
Carbazole	3.39E+003	0.05	1.79E+002
Chrysene	3.98E+005	0.05	2.10E+004
Dibenz(a,h)anthracene	3.80E+006	0.05	2.01E+005
Fluoranthene	1.07E+005	0.05	5.66E+003
Fluorene	1.38E+004	0.05	7.30E+002
Indeno(1,2,3-cd)pyrene	3.47E+006	0.05	1.83E+005
Naphthalene	2.00E+003	0.05	1.06E+002
Phenanthrene	1.05E+005	0.05	5.55E+003
Pyrene	1.05E+005	0.05	5.55E+003
2,3,7,8-TCDD	ND	0.05	N/A

302273

Soil-Water Partition Coefficient = cm3/g	Soil Organic Carbon-Water Partition Coefficient	X	Fraction of Organic Carbon

Variable Symbols =	Koc	foc
Parameter Values =	ERR	ERR
Parameter Units =	cm3/g	unitless

Chemical of Concern			Soil-Water Partition Coefficient
	cm3/g	unitless	0
4,4'-DDE	4.47E+006	0.05	2.36E+005
4,4'-DDT	2.63E+006	0.05	1.39E+005
Acetophenone	ND	0.05	N/A
Aldrin	2.45E+006	0.05	1.30E+005
alpha-BHC	1.23E+003	0.05	6.50E+001
alpha-chlordane	1.41E+006	0.05	7.46E+004
Dibenzofuran	ND	0.05	N/A
Dieldrin	2.14E+004	0.05	1.13E+003
Endosulfan sulfate	ND	0.05	N/A
Endrin	1.23E+004	0.05	6.50E+002
Endrin aldehyde	1.23E+004	0.05	6.50E+002
gamma-Chlordane	ND	0.05	N/A
Heptachlor	1.41E+006	0.05	7.46E+004
Heptachlor epoxide	8.32E+004	0.05	4.40E+003
Aroclor 1242	-	-	N/A
Aroclor 1248	-	-	N/A
Aroclor 1254	-	-	N/A
Aroclor 1260	-	-	N/A
Total PCBs	-	-	N/A
Dioxin-like PCBs	ND	0.05	N/A
Nondioxin-like PCBs	-	-	N/A
Aluminum	ND	0.05	N/A
Antimony	ND	0.05	N/A
Arsenic	ND	0.05	N/A
Barium	ND	0.05	N/A
Cadmium	ND	0.05	N/A
Chromium	ND	0.05	N/A
Copper	ND	0.05	N/A
Cyanide	ND	0.05	N/A
Iron	ND	0.05	N/A
Lead	ND	0.05	N/A
Manganese	ND	0.05	N/A
Mercury	5.20E+001	0.05	2.75E+000
Nickel	ND	0.05	N/A
Silver	ND	0.05	N/A
Thallium	ND	0.05	N/A
Vanadium	ND	0.05	N/A
Zinc	ND	0.05	N/A

302274

Table: N-3
Site: Cornell Dubilier Electronics Superfund Site - OU-2
Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Surface/Subsurface Soil
Receptor Population: Construction Worker
Receptor Age: Adult
Calculation of Volatilization Factor

Soil-to-Air Volatilization Factor = m3/kg	Inverse of Mean Concentration at Center of Square Source	X	3.14	X	Apparent Diffusivity	X	Exposure Interval	X	1/2 (2 X Dry Soil Bulk Density X Apparent Diffusivity)^1	X	1E-004
Variable Symbols =	Q/C		Constant		DA		T		Constant		ρβ		DA		Constant
Parameter Values =	42.2		3.14		Calculated		3.2E+007		2		1.7		Calculated		1E-004
Parameter Units =	g/m2-s per kg/m3		unitless		cm2/s		s		unitless		g/cm3		cm2/s		m2/cm2

Chemical of Concern	Inverse of Mean Concentration at Center of Square Source	3.14	Apparent Diffusivity	Exposure Interval	2	Dry Soil Bulk Density	Apparent Diffusivity	1E-004	Volatilization Factor
	g/m2-s per kg/m3	unitless	cm2/s	s	unitless	g/cm3	cm2/s	m2/cm2	m3/kg
1,1-dichloroethylene	42.2	3.14	4.96E-004	3.2E+007	2	1.7	4.96E-004	1E-004	5.55E+002
1,3-dichlorobenzene	42.2	3.14	N/A	3.2E+007	2	1.7	N/A	1E-004	N/A
Benzene	42.2	3.14	1.08E-004	3.2E+007	2	1.7	1.08E-004	1E-004	1.19E+003
cis-1,2-Dichloroethene	42.2	3.14	1.07E-004	3.2E+007	2	1.7	1.07E-004	1E-004	1.19E+003
Tetrachloroethylene	42.2	3.14	1.12E-004	3.2E+007	2	1.7	1.12E-004	1E-004	1.17E+003
Trichloroethene	42.2	3.14	6.49E-005	3.2E+007	2	1.7	6.49E-005	1E-004	1.53E+003
Vinyl chloride	42.2	3.14	1.63E-003	3.2E+007	2	1.7	1.63E-003	1E-004	3.06E+002
2-Methylnaphthalene	42.2	3.14	1.92E-007	3.2E+007	2	1.7	1.92E-007	1E-004	2.82E+004
Acenaphthene	42.2	3.14	1.25E-008	3.2E+007	2	1.7	1.25E-008	1E-004	1.10E+005
Benzo(a)anthracene	42.2	3.14	7.08E-012	3.2E+007	2	1.7	7.08E-012	1E-004	4.64E+006
Benzo(a)pyrene	42.2	3.14	1.15E-012	3.2E+007	2	1.7	1.15E-012	1E-004	1.15E+007
Benzo(b)fluoranthene	42.2	3.14	2.78E-011	3.2E+007	2	1.7	2.78E-011	1E-004	2.34E+006
Benzo(k)fluoranthene	42.2	3.14	4.66E-013	3.2E+007	2	1.7	4.66E-013	1E-004	1.81E+007
Carbazole	42.2	3.14	1.22E-010	3.2E+007	2	1.7	1.22E-010	1E-004	1.12E+006
Chrysene	42.2	3.14	8.05E-011	3.2E+007	2	1.7	8.05E-011	1E-004	1.38E+006
Dibenz(a,h)anthracene	42.2	3.14	7.95E-014	3.2E+007	2	1.7	7.95E-014	1E-004	4.38E+007
Fluoranthene	42.2	3.14	6.47E-011	3.2E+007	2	1.7	6.47E-011	1E-004	1.54E+006
Fluorene	42.2	3.14	2.29E-009	3.2E+007	2	1.7	2.29E-009	1E-004	2.58E+005
Indeno(1,2,3-cd)pyrene	42.2	3.14	2.12E-013	3.2E+007	2	1.7	2.12E-013	1E-004	2.68E+007
Naphthalene	42.2	3.14	1.92E-007	3.2E+007	2	1.7	1.92E-007	1E-004	2.82E+004
Phenanthrene	42.2	3.14	4.24E-011	3.2E+007	2	1.7	4.24E-011	1E-004	1.90E+006
Pyrene	42.2	3.14	4.24E-011	3.2E+007	2	1.7	4.24E-011	1E-004	1.90E+006
2,3,7,8-TCDD	42.2	3.14	N/A	3.2E+007	2	1.7	N/A	1E-004	N/A
4,4'-DDE	42.2	3.14	9.88E-013	3.2E+007	2	1.7	9.88E-013	1E-004	1.24E+007

302275

Soil-to-Air Volatilization Factor = m3/kg	Inverse of Mean Concentration at Center of Square Source	X	3.14	X	Apparent Diffusivity	X	Exposure Interval	X	1/2 (2 X Dry Soil Bulk Density X Apparent Diffusivity)	X	1E-004

Variable Symbols =	Q/C	Constant	DA	T	Constant	ρβ	DA	Constant
Parameter Values =	ERR	3.14	ERR	ERR	2	ERR	ERR	1E-004
Parameter Units =	g/m2-s per kg/m3	unitless	cm2/s	s	unitless	g/cm3	cm2/s	m2/cm2

Chemical of Concern	Inverse of Mean Concentration at Center of Square Source	3.14	Apparent Diffusivity	Exposure Interval	2	Dry Soil Bulk Density	Apparent Diffusivity	1E-004	Volatilization Factor
	g/m2-s per kg/m3	unitless	cm2/s	s	unitless	g/cm3	cm2/s	m2/cm2	m3/kg
4,4'-DDT	42.2	3.14	6.77E-013	3.2E+007	2	1.7	6.77E-013	1E-004	1.50E+007
Acetophenone	42.2	3.14	N/A	3.2E+007	2	1.7	N/A	1E-004	N/A
Aldrin	42.2	3.14	1.25E-011	3.2E+007	2	1.7	1.25E-011	1E-004	3.50E+006
alpha-BHC	42.2	3.14	1.99E-009	3.2E+007	2	1.7	1.99E-009	1E-004	2.77E+005
alpha-chlordane	42.2	3.14	1.17E-010	3.2E+007	2	1.7	1.17E-010	1E-004	1.14E+006
Dibenzofuran	42.2	3.14	N/A	3.2E+007	2	1.7	N/A	1E-004	N/A
Dieldrin	42.2	3.14	1.32E-010	3.2E+007	2	1.7	1.32E-010	1E-004	1.08E+006
Endosulfan sulfate	42.2	3.14	N/A	3.2E+007	2	1.7	N/A	1E-004	N/A
Endrin	42.2	3.14	1.25E-010	3.2E+007	2	1.7	1.25E-010	1E-004	1.10E+006
Endrin aldehyde	42.2	3.14	1.25E-010	3.2E+007	2	1.7	1.25E-010	1E-004	1.10E+006
gamma-Chlordane	42.2	3.14	N/A	3.2E+007	2	1.7	N/A	1E-004	N/A
Heptachlor	42.2	3.14	1.17E-010	3.2E+007	2	1.7	1.17E-010	1E-004	1.14E+006
Heptachlor epoxide	42.2	3.14	2.33E-011	3.2E+007	2	1.7	2.33E-011	1E-004	2.56E+006
Aroclor 1242	-	-	N/A	-	-	-	N/A	-	1.00E+006
Aroclor 1248	-	-	N/A	-	-	-	N/A	-	1.00E+006
Aroclor 1254	-	-	N/A	-	-	-	N/A	-	1.00E+006
Aroclor 1260	-	-	N/A	-	-	-	N/A	-	1.00E+006
Total PCBs	-	-	N/A	-	-	-	N/A	-	1.00E+006
Dioxin-like PCBs	42.2	3.14	N/A	3.2E+007	2	1.7	N/A	1E-004	N/A
Nondioxin-like PCBs	-	-	N/A	-	-	-	N/A	-	1.00E+006
Aluminum	42.2	3.14	N/A	3.2E+007	2	1.7	N/A	1E-004	N/A
Antimony	42.2	3.14	N/A	3.2E+007	2	1.7	N/A	1E-004	N/A
Arsenic	42.2	3.14	N/A	3.2E+007	2	1.7	N/A	1E-004	N/A
Barium	42.2	3.14	N/A	3.2E+007	2	1.7	N/A	1E-004	N/A
Cadmium	42.2	3.14	N/A	3.2E+007	2	1.7	N/A	1E-004	N/A
Chromium	42.2	3.14	N/A	3.2E+007	2	1.7	N/A	1E-004	N/A
Copper	42.2	3.14	N/A	3.2E+007	2	1.7	N/A	1E-004	N/A
Cyanide	42.2	3.14	N/A	3.2E+007	2	1.7	N/A	1E-004	N/A
Iron	42.2	3.14	N/A	3.2E+007	2	1.7	N/A	1E-004	N/A
Lead	42.2	3.14	N/A	3.2E+007	2	1.7	N/A	1E-004	N/A
Manganese	42.2	3.14	N/A	3.2E+007	2	1.7	N/A	1E-004	N/A
Mercury	42.2	3.14	8.55E-005	3.2E+007	2	1.7	8.55E-005	1E-004	1.34E+003
Nickel	42.2	3.14	N/A	3.2E+007	2	1.7	N/A	1E-004	N/A
Silver	42.2	3.14	N/A	3.2E+007	2	1.7	N/A	1E-004	N/A
Thallium	42.2	3.14	N/A	3.2E+007	2	1.7	N/A	1E-004	N/A
Vanadium	42.2	3.14	N/A	3.2E+007	2	1.7	N/A	1E-004	N/A
Zinc	42.2	3.14	N/A	3.2E+007	2	1.7	N/A	1E-004	N/A

302276

Table: N-3
Site: Cornell Dubilier Electronics Superfund Site - OU-2
Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Surface/Subsurface Soil
Receptor Population: Construction Worker
Receptor Age: Adult
Calculation of Volatilization Factor

$$\text{Apparent Diffusivity (cm2/s)} = \frac{\text{Air-Filled Soil Porosity}^{10/3} \times \text{Diffusivity in Air} \times \text{Dimensionless Henry's Law Constant}}{\text{Total Soil Porosity}^{2}} + \frac{\text{Water-Filled Porosity}^{10/3} \times \text{Diffusivity in Water}}{\text{Total Soil Porosity}^{2}} \times \frac{1}{\text{Dry Soil Bulk Density} \times \text{Soil-Water Partition Coefficient} + \text{Water-Filled Porosity} + \text{Air-Filled Soil Porosity} \times \text{Dimensionless Henry's Law Constant}}$$

Variable Symbols =	θ_a	Di	H'	θ_w	Dw	n	ρ_b	Kd	θ_w	θ_a	H'
Parameter Values =	0.27	Chemical-specific	Chemical-specific	0.16	Chemical-specific	0.43	1.7	Calculated	0.16	0.27	Chemical-specific
Parameter Units =	unitless	cm2/s	unitless	unitless	cm2/s	unitless	g/cm3	cm3/g	unitless	unitless	unitless

Chemical of Concern	Air-Filled Soil Porosity	Diffusivity in Air	Dimensionless Henry's Law Constant	Water-Filled Porosity	Diffusivity in Water	Total Soil Porosity	Dry Soil Bulk Density	Soil-Water Partition Coefficient	Water-Filled Porosity	Air-Filled Soil Porosity	Dimensionless Henry's Law Constant	Apparent Diffusivity
	unitless	cm2/s	unitless	unitless	cm2/s	unitless	g/cm3	cm3/g	unitless	unitless	unitless	cm2/s
1,1-dichloroethylene	0.27	9.00E-002	1.07E+000	0.16	1.04E-005	0.43	1.7	3.11E+000	0.16	0.27	1.07E+000	4.96E-004
1,3-dichlorobenzene	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Benzene	0.27	8.80E-002	2.28E-001	0.16	9.80E-006	0.43	1.7	3.11E+000	0.16	0.27	2.28E-001	1.08E-004
cis-1,2-Dichloroethene	0.27	7.36E-002	1.67E-001	0.16	1.13E-005	0.43	1.7	1.88E+000	0.16	0.27	1.67E-001	1.07E-004
Tetrachloroethylene	0.27	7.20E-002	7.54E-001	0.16	8.20E-006	0.43	1.7	8.20E+000	0.16	0.27	7.54E-001	1.12E-004
Trichloroethene	0.27	7.90E-002	4.22E-001	0.16	9.10E-006	0.43	1.7	8.78E+000	0.16	0.27	4.22E-001	6.49E-005
Vinyl chloride	0.27	1.06E-001	1.11E+000	0.16	1.23E-006	0.43	1.7	9.84E-001	0.16	0.27	1.11E+000	1.63E-003
2-Methylnaphthalene	0.27	5.90E-002	1.98E-002	0.16	7.50E-006	0.43	1.7	1.06E+002	0.16	0.27	1.98E-002	1.92E-007
Acenaphthene	0.27	4.21E-002	6.36E-003	0.16	7.69E-006	0.43	1.7	3.74E+002	0.16	0.27	6.36E-003	1.25E-008
Benzo(a)anthracene	0.27	5.10E-002	1.37E-004	0.16	9.00E-006	0.43	1.7	2.10E+004	0.16	0.27	1.37E-004	7.08E-012
Benzo(a)pyrene	0.27	4.30E-002	4.63E-005	0.16	9.00E-006	0.43	1.7	5.39E+004	0.16	0.27	4.63E-005	1.15E-012
Benzo(b)fluoranthene	0.27	2.26E-002	4.55E-003	0.16	5.56E-006	0.43	1.7	6.50E+004	0.16	0.27	4.55E-003	2.78E-011
Benzo(k)fluoranthene	0.27	2.26E-002	3.40E-005	0.16	5.56E-006	0.43	1.7	6.50E+004	0.16	0.27	3.40E-005	4.66E-013
Carbazole	0.27	3.90E-002	6.26E-007	0.16	7.03E-006	0.43	1.7	1.79E+002	0.16	0.27	6.26E-007	1.22E-010
Chrysene	0.27	2.48E-002	3.88E-003	0.16	6.21E-006	0.43	1.7	2.10E+004	0.16	0.27	3.88E-003	8.05E-011
Dibenz(a,h)anthracene	0.27	2.02E-002	6.03E-007	0.16	5.18E-006	0.43	1.7	2.01E+005	0.16	0.27	6.03E-007	7.95E-014
Fluoranthene	0.27	3.02E-002	6.60E-004	0.16	6.35E-006	0.43	1.7	5.66E+003	0.16	0.27	6.60E-004	6.47E-011
Fluorene	0.27	3.63E-002	2.61E-003	0.16	7.88E-006	0.43	1.7	7.30E+002	0.16	0.27	2.61E-003	2.29E-009
Indeno(1,2,3-cd)pyrene	0.27	1.90E-002	6.56E-005	0.16	5.66E-006	0.43	1.7	1.83E+005	0.16	0.27	6.56E-005	2.12E-013
Naphthalene	0.27	5.90E-002	1.98E-002	0.16	7.50E-006	0.43	1.7	1.06E+002	0.16	0.27	1.98E-002	1.92E-007
Phenanthrene	0.27	2.72E-002	4.51E-004	0.16	7.24E-006	0.43	1.7	5.55E+003	0.16	0.27	4.51E-004	4.24E-011
Pyrene	0.27	2.72E-002	4.51E-004	0.16	7.24E-006	0.43	1.7	5.55E+003	0.16	0.27	4.51E-004	4.24E-011
2,3,7,8-TCDD	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
4,4'-DDE	0.27	1.44E-002	8.61E-004	0.16	5.87E-006	0.43	1.7	2.36E+005	0.16	0.27	8.61E-004	9.88E-013

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Apparent Diffusivity = cm2/s	Air-Filled Soil Porosity	X	Diffusivity in Air (10/3)	X	Dimensionless Henry's Law Constant	+	Water-Filled Porosity	X	Diffusivity in Water (10/3)	X	1 / Total Soil Porosity	X	1 / Dry Soil Bulk Density	X	Soil-Water Partition Coefficient	+	Water-Filled Porosity	+	Air-Filled Soil Porosity	X	Dimensionless Henry's Law Constant

Variable Symbols =	θα	Di	H'	θω	Dw	n	ρβ	Kd	θω	θα	H'	
Parameter Values =	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	ERR	
Parameter Units =	unitless	cm2/s	unitless	unitless	cm2/s	unitless	g/cm3	cm3/g	unitless	unitless	unitless	

Chemical of Concern	0E+000	0E+000				Total Soil Porosity	Dry Soil Bulk Density	Soil-Water Partition Coefficient	Water-Filled Porosity	Air-Filled Soil Porosity	Dimensionless Henry's Law Constant	Apparent Diffusivity
	unitless	cm2/s	unitless	unitless	cm2/s	unitless	g/cm3	cm3/g	unitless	unitless	unitless	cm2/s
4,4'-DDT	0.27	1.37E-002	3.32E-004	0.16	4.95E-006	0.43	1.7	1.39E+005	0.16	0.27	3.32E-004	6.77E-013
Acetophenone	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Aldrin	0.27	1.32E-002	6.97E-003	0.16	4.86E-006	0.43	1.7	1.30E+005	0.16	0.27	6.97E-003	1.25E-011
alpha-BHC	0.27	1.42E-002	4.35E-004	0.16	7.34E-006	0.43	1.7	6.50E+001	0.16	0.27	4.35E-004	1.99E-009
alpha-chlordane	0.27	1.12E-002	4.47E-002	0.16	5.69E-006	0.43	1.7	7.46E+004	0.16	0.27	4.47E-002	1.17E-010
Dibenzofuran	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Dieldrin	0.27	1.25E-002	6.19E-004	0.16	4.74E-006	0.43	1.7	1.13E+003	0.16	0.27	6.19E-004	1.32E-010
Endosulfan sulfate	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Endrin	0.27	1.25E-002	3.08E-004	0.16	4.74E-006	0.43	1.7	6.50E+002	0.16	0.27	3.08E-004	1.25E-010
Endrin aldehyde	0.27	1.25E-002	3.08E-004	0.16	4.74E-006	0.43	1.7	6.50E+002	0.16	0.27	3.08E-004	1.25E-010
gamma-Chlordane	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Heptachlor	0.27	1.12E-002	4.47E-002	0.16	5.69E-006	0.43	1.7	7.46E+004	0.16	0.27	4.47E-002	1.17E-010
Heptachlor epoxide	0.27	1.32E-002	3.90E-004	0.16	4.23E-006	0.43	1.7	4.40E+003	0.16	0.27	3.90E-004	2.33E-011
Aroclor 1242	-	-	-	-	-	-	-	-	-	-	-	N/A
Aroclor 1248	-	-	-	-	-	-	-	-	-	-	-	N/A
Aroclor 1254	-	-	-	-	-	-	-	-	-	-	-	N/A
Aroclor 1260	-	-	-	-	-	-	-	-	-	-	-	N/A
Total PCBs	-	-	-	-	-	-	-	-	-	-	-	N/A
Dioxin-like PCBs	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Nondioxin-like PCBs	-	-	-	-	-	-	-	-	-	-	-	N/A
Aluminum	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Antimony	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Arsenic	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Barium	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Cadmium	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Chromium	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Copper	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Cyanide	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Iron	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Lead	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Manganese	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Mercury	0.27	3.07E-002	4.67E-001	0.16	6.30E-006	0.43	1.7	2.75E+000	0.16	0.27	4.67E-001	8.55E-005
Nickel	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Silver	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Thallium	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Vanadium	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A
Zinc	0.27	ND	ND	0.16	ND	0.43	1.7	N/A	0.16	0.27	ND	N/A

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Table: N-3
Site: Cornell Dubilier Electronics Superfund Site - OU-2
Scenario Timeframe: Future
Medium: Site Soils
Exposure Medium: All Soils
Exposure Point: Surface/Subsurface Soil
Receptor Population: Construction Worker
Receptor Age: Adult
Calculation of Volatilization Factor

Soil-Water Partition Coefficient =	Soil Organic Carbon-Water Partition Coefficient	X	Fraction of Organic Carbon
cm3/g			

Variable Symbols =	Koc	foc
Parameter Values =	Chemical-specific	0.05
Parameter Units =	cm3/g	unitless

Chemical of Concern	Soil Organic Carbon-Water Partition Coefficient	Fraction of Organic Carbon	Soil-Water Partition Coefficient
	cm3/g	unitless	cm3/g
1,1-dichloroethylene	5.89E+001	0.05	3.11E+000
1,3-dichlorobenzene	ND	0.05	N/A
Benzene	5.89E+001	0.05	3.11E+000
cis-1,2-Dichloroethene	3.55E+001	0.05	1.88E+000
Tetrachloroethylene	1.55E+002	0.05	8.20E+000
Trichloroethene	1.66E+002	0.05	8.78E+000
Vinyl chloride	1.86E+001	0.05	9.84E-001
2-Methylnaphthalene	2.00E+003	0.05	1.06E+002
Acenaphthene	7.08E+003	0.05	3.74E+002
Benzo(a)anthracene	3.98E+005	0.05	2.10E+004
Benzo(a)pyrene	1.02E+006	0.05	5.39E+004
Benzo(b)fluoranthene	1.23E+006	0.05	6.50E+004
Benzo(k)fluoranthene	1.23E+006	0.05	6.50E+004
Carbazole	3.39E+003	0.05	1.79E+002
Chrysene	3.98E+005	0.05	2.10E+004
Dibenz(a,h)anthracene	3.80E+006	0.05	2.01E+005
Fluoranthene	1.07E+005	0.05	5.66E+003
Fluorene	1.38E+004	0.05	7.30E+002
Indeno(1,2,3-cd)pyrene	3.47E+006	0.05	1.83E+005
Naphthalene	2.00E+003	0.05	1.06E+002
Phenanthrene	1.05E+005	0.05	5.55E+003
Pyrene	1.05E+005	0.05	5.55E+003
2,3,7,8-TCDD	ND	0.05	N/A
4,4'-DDE	4.47E+006	0.05	2.36E+005

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Soil-Water Partition Coefficient =	Soil Organic Carbon-Water Partition Coefficient	X	Fraction of Organic Carbon
cm3/g			

Variable Symbols =	Koc	foc
Parameter Values =	ERR	ERR
Parameter Units =	cm3/g	unitless

Chemical of Concern	0E+000	Fraction of Organic Carbon	Soil-Water Partition Coefficient
	cm3/g	unitless	cm3/g
4,4'-DDT	2.63E+006	0.05	1.39E+005
Acetophenone	ND	0.05	N/A
Aldrin	2.45E+006	0.05	1.30E+005
alpha-BHC	1.23E+003	0.05	6.50E+001
alpha-chlordane	1.41E+006	0.05	7.46E+004
Dibenzofuran	ND	0.05	N/A
Dieldrin	2.14E+004	0.05	1.13E+003
Endosulfan sulfate	ND	0.05	N/A
Endrin	1.23E+004	0.05	6.50E+002
Endrin aldehyde	1.23E+004	0.05	6.50E+002
gamma-Chlordane	ND	0.05	N/A
Heptachlor	1.41E+006	0.05	7.46E+004
Heptachlor epoxide	8.32E+004	0.05	4.40E+003
Aroclor 1242	-	-	N/A
Aroclor 1248	-	-	N/A
Aroclor 1254	-	-	N/A
Aroclor 1260	-	-	N/A
Total PCBs	-	-	N/A
Dioxin-like PCBs	ND	0.05	N/A
Nondioxin-like PCBs	-	-	N/A
Aluminum	ND	0.05	N/A
Antimony	ND	0.05	N/A
Arsenic	ND	0.05	N/A
Barium	ND	0.05	N/A
Cadmium	ND	0.05	N/A
Chromium	ND	0.05	N/A
Copper	ND	0.05	N/A
Cyanide	ND	0.05	N/A
Iron	ND	0.05	N/A
Lead	ND	0.05	N/A
Manganese	ND	0.05	N/A
Mercury	5.20E+001	0.05	2.75E+000
Nickel	ND	0.05	N/A
Silver	ND	0.05	N/A
Thallium	ND	0.05	N/A
Vanadium	ND	0.05	N/A
Zinc	ND	0.05	N/A

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APPENDIX O

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APPENDIX O

ADULT LEAD WORKSHEETS

TABLE O-1 (RAGS D ADULT LEAD WORKSHEET)
Site Name: Cornell-Dubilier Electronics
Receptor: Current Outdoor Site Worker

1. Lead Screening Questions

Medium	Lead Concentration used in Model Run		Basis for Lead Concentration Used For Model Run	Lead Screening Concentration		Basis for Lead Screening Level
	Value	Units		Value	Units	
Soil	11,000	mg/kg	Average Detected Value	1250	mg/kg	Recommended Soil Screening Level

2. Lead Model Questions

Question	Response
What lead model was used? Provide reference and version	NA
If the EPA Adult Lead Model (ALM) was not used provide rationale for model selected.	NA
Where are the input values located in the risk assessment report?	NA
What statistics were used to represent the exposure concentration terms and where are the data on concentrations in the risk assessment that support use of these statistics?	NA
What was the point of exposure and location?	Current Surface Soil in Area A
Where are the output values located in the risk assessment report?	NA
What GSD value was used? If this is outside the recommended range of 1.8-2.1), provide rationale in Appendix <Y>.	NA
What baseline blood lead concentration (PbB_0) value was used? If this is outside the default range of 1.7 to 2.2 provide rationale in Appendix <Y>	NA
Was the default exposure frequency (EF; 219 days/year) used?	NA
Was the default BKSF used (0.4 ug/dL per ug/day) used?	NA
Was the default absorption fraction (AF; 0.12) used?	NA
Was the default soil ingestion rate (IR; 50 mg/day) used?	NA
If non-default values were used for any of the parameters listed above, where are the rationale for the values located in the risk assessment report?	NA

3. Final Result

Medium	Result	Comment/RBRG [1]
Soil	The mean lead value, 11,000 mg/kg for the current surface soil in Area A exceeds the screening lead level by one order of magnitude.	

1. Attach the ALM spreadsheet output file upon which the Risk Based Remediation Goal (RBRG) was based and description of rationale for parameters used. For additional information, see www.epa.gov/superfund/programs/lead

TABLE O-2 (RAGS D ADULT LEAD WORKSHEET)
Site Name: Cornell-Dubilier Electronics
Receptor: Future Outdoor Site Worker

1. Lead Screening Questions

Medium	Lead Concentration used in Model Run		Basis for Lead Concentration Used For Model Run	Lead Screening Concentration		Basis for Lead Screening Level
	Value	Units		Value	Units	
Soil	795	mg/kg	Average Detected Value	1250	mg/kg	Recommended Soil Screening Level

2. Lead Model Questions

Question	Response
What lead model was used? Provide reference and version	NA
If the EPA Adult Lead Model (ALM) was not used provide rationale for model selected.	NA
Where are the input values located in the risk assessment report?	NA
What statistics were used to represent the exposure concentration terms and where are the data on concentrations in the risk assessment that support use of these statistics?	NA
What was the point of exposure and location?	Future All Soil in Area A
Where are the output values located in the risk assessment report?	NA
What GSD value was used? If this is outside the recommended range of 1.8-2.1), provide rationale in Appendix <Y>.	NA
What baseline blood lead concentration (PbB_0) value was used? If this is outside the default range of 1.7 to 2.2 provide rationale in Appendix <Y>	NA
Was the default exposure frequency (EF; 219 days/year) used?	NA
Was the default BKSF used (0.4 ug/dL per ug/day) used?	NA
Was the default absorption fraction (AF: 0.12) used?	NA
Was the default soil ingestion rate (IR; 50 mg/day) used?	NA
If non-default values were used for any of the parameters listed above, where are the rationale for the values located in the risk assessment report?	NA

3. Final Result

Medium	Result	Comment/RBRG [1]
Soil	The mean lead value, 795 mg/kg for the future All Soil in Area A does not exceed the screening lead level for industrial use.	

1. Attach the ALM spreadsheet output file upon which the Risk Based Remediation Goal (RBRG) was based and description of rationale for parameters used. For additional information, see www.epa.gov/superfund/programs/lead

TABLE O-3 (RAGS D ADULT LEAD WORKSHEET)
Site Name: Cornell-Dubilier Electronics
Receptor: Future Outdoor Site Worker

1. Lead Screening Questions

Medium	Lead Concentration used in Model Run		Basis for Lead Concentration Used For Model Run	Lead Screening Concentration		Basis for Lead Screening Level
	Value	Units		Value	Units	
Soil	476	mg/kg	Average Detected Value	1250	mg/kg	Recommended Soil Screening Level

2. Lead Model Questions

Question	Response
What lead model was used? Provide reference and version	NA
If the EPA Adult Lead Model (ALM) was not used provide rationale for model selected.	NA
Where are the input values located in the risk assessment report?	NA
What statistics were used to represent the exposure concentration terms and where are the data on concentrations in the risk assessment that support use of these statistics?	NA
What was the point of exposure and location?	Future All Soil in Area B
Where are the output values located in the risk assessment report?	NA
What GSD value was used? If this is outside the recommended range of 1.8-2.1), provide rationale in Appendix <Y>.	NA
What baseline blood lead concentration (PbB_0) value was used? If this is outside the default range of 1.7 to 2.2 provide rationale in Appendix <Y>	NA
Was the default exposure frequency (EF; 219 days/year) used?	NA
Was the default BKSF used (0.4 ug/dL per ug/day) used?	NA
Was the default absorption fraction (AF; 0.12) used?	NA
Was the default soil ingestion rate (IR; 50 mg/day) used?	NA
If non-default values were used for any of the parameters listed above, where are the rationale for the values located in the risk assessment report?	NA

3. Final Result

Medium	Result	Comment/RBRG [1]
Soil	The mean lead value, 476 mg/kg for the future All Soil in Area B does not exceed the screening lead level for industrial use.	

1. Attach the ALM spreadsheet output file upon which the Risk Based Remediation Goal (RBRG) was based and description of rationale for parameters used. For additional information, see www.epa.gov/superfund/programs/lead

APPENDIX P

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APPENDIX P

TOXICITY PROFILES FOR CONTAMINANTS OF POTENTIAL ECOLOGICAL CONCERN IN FACILITY SURFACE SOILS

Introduction

The following toxicological profiles represent an overview of effects and exposures to relevant species considered in the ecological risk assessment. They are not exhaustive summaries but are provided in the context of environmental sensitivity to representative groups of ecological receptors.

Aldrin and Dieldrin

Aldrin and dieldrin are insecticides used primarily to control soil insects. The production of aldrin in the United States was banned by the EPA in 1974, and most uses of dieldrin were canceled in 1971. Aldrin is readily oxidized in the environment to dieldrin. Both compounds are extremely persistent (Sittig, 1980). They are relatively immobile in soil, though more mobile in sandy soils than in soils with a high clay content (Sanborn et. al, 1977). These compounds are hydrophobic, and are not readily transported from soils via runoff or leaching to groundwater, or released from sediments. Any transport, which does occur, takes place via movement of the soil particles to which these pesticides are adsorbed. Upon entering water bodies these compounds are usually removed from the water column by adsorption and sedimentation, or uptake by flora and fauna (Sanborn et al, 1977).

Pesticides commonly result in decreased terrestrial invertebrate species diversity, and changes in predator-prey relationships. Aldrin and dieldrin have little or no toxic effect on terrestrial vegetation, unless applied at high levels. Phytotoxic reactions are more likely to occur in poor soils, and affect plant quality, rather than yield or growth (Sanborn et. al, 1977). Toxicity of these pesticides in birds is often expressed in birds as reproductive failure (Sanborn et. al, 1977). They are excreted and, to some extent, metabolized by mammals, but are also readily stored and heavily accumulated in fat tissue (Sanborn et al, 1977). In mammals, these pesticides are teratogenic, mutagenic, and induce tumors, and are acutely toxic. The acute oral LD_{50} has been observed at 20-70 mg/kg in several species of mammals (Sanborn et. al, 1977).

Aluminum

Mobility of aluminum (Al) in soils is dependent upon pH levels (HSDB, 2001). No data were available regarding the bioaccumulation of aluminum. Representative LC_{50}s for embryos and larva of the narrow mouth toad (*Gastrophryne carolinensis*) and marbled salamander (*Ambystoma opacum*) were 50.0 and 2,280.0 ug/L, respectively (Birge et. al., 1978 in EPA, 1988c). Toxicity of aluminum to fish species varied widely, with earlier life stages (egg, yolk sac fry) displaying greater sensitivity than adults. Comparative LC_{50}s for large mouth bass (*Micropterus salmoides*) and rainbow trout (*Salmo gairdneri*) following 8 to 28 day exposures were 170.0 ug/L and 560.0 ug/L, respectively (Everhart and Freeman 1971 and Birge et al. 1978 in EPA, 1988c). In mammals, reproductive effects in the form of reduced growth rates in mouse pups were observed at dosages of 19.3 mg/kg/day. No effect on growth rates in mouse pups was observed at dosages of <1.93 mg/kg/day (Ondreicka et al. 1966 In Sample et al. 1996). In birds, dosages of 110.0 mg/kg/day administered to ringed doves showed no effect on reproductive endpoints (Carriere et al. (1986) In Sample et al. (1996)).

Antimony

Antimony (Sb) is a natural element in the earth's crust occurring in concentrations of 0.2-0.5 mg/kg. Antimony is naturally present in the earth's crust and is released to the environment in windblown dust, from volcanic eruptions, sea spray, forest fires, and biogenic sources. The majority of antimony released to the environment arises from anthropogenic sources. These include nonferrous metal mining and nonferrous metal smelting and refining, and the production, use and disposal of antimony alloys and compounds.

If released on land, the mobility of antimony will be determined by the nature of the soil, the form of antimony deposited on the soil, and the pH of the soil (HSDB, 2001). Based on the results of a few studies, antimony appears to sorb strongly to soil and sediment. Its sorption is correlated with the content of iron, manganese, and aluminum in the soil with which it coprecipitates as hydroxylated oxides. Adsorption does not appear to be correlated with the organic carbon content of the soil. Information concerning the forms of antimony in soil and the transformations that may occur is limited. Antimony released to water will generally end up in sediment where it is associated with iron, manganese, and aluminum hydroxyoxides. Antimony can be reduced and methylated by microorganisms in anaerobic sediment, thereby mobilizing the antimony (HSDB, 2001).

In mammals, most absorbed antimony is excreted rapidly (HSDB, 2001). Laboratory mice displayed reduced life spans when exposed to dosages of >1.25 mg/kg/day. Bobwhite quail dosed with 840.0 mg/kg/day displayed no effects on growth. No reproductive studies on birds or mammals were available from the literature (Damron and Wilson (1975)).

Barium

Barium (Ba) is a light colored metal in nature. Barium is utilized extensively in the manufacturing and chemical industries, including the production of flares, rubber, glassmaking, pyrotechnics, brick and tile, pesticides, textiles dyes, glazes, paint, paper, soap, and linoleum. A review of available literature yielded little information on the toxicity of this metal. Barium itself is insoluble in water, but many of its compounds are soluble in water (Sittig, 1985). Laboratory rats administered barium via dietary supplements, displayed acute, lethal effects at dosages of 19.8 mg/kg/day. No acute effects were observed in rats fed 5.1 mg/kg/day (Perry et al. (1983 In Sample et al. (1996)). Domestic chickens fed 41.7 mg/kg/day displayed higher rates of mortality than chickens fed 20.8 mg/kg/day (Johnson et al. (1960) In Sample et al. (1996)).

Cadmium

Cadmium (Cd) is a naturally occurring element with background environmental concentrations ranging over several orders of magnitude. Pendias and Pendias (1984) report soil background levels ranging from 0.07 to 1.1 mg/L. Cd is mobile in soil and the degree of mobility is highly dependent upon pH.

Cadmium is not a biologically essential element, nor is it known to be beneficial to metabolic processes. Cd is a known teratogen, carcinogen, and mutagen, which has been implicated as the cause of severe deleterious effects on biota. In sufficient concentrations, Cd is toxic to all forms of

life. Freshwater organisms appear to be most sensitive to Cd toxicity. In mammals, Cd accumulates in the liver and kidneys (HSDB, 2000).

If present in soil, cadmium is readily taken up by plants and accumulated (Efroymson et al. 1997). Cadmium is toxic to plants at low concentrations, and symptoms include necrosis and reduced growth (Efroymson et al. 1997). Mallard duck hens exposed to 1.6, 15.2 and 210 ppm via dietary ingestion were documented to produce fewer eggs at the 210 ppm dosage. No adverse effects on mallard duck reproduction were associated with the 1.6 or 15.2 ppm dosages (Sample et al., 1996). Laboratory rats exposed to cadmium doses of 0.1, 1.0 and 10.0 Cd/kg/day via oral gavage experienced a higher incidence of fetal reabsorption than control groups at the 10.0 Cd/kg/day, and no differences in reabsorption rates were observed at lower concentrations.

Chromium

Chromium (Cr) is a naturally occurring element, and is used widely in domestic and industrial products, including use in fabrication of alloys, in preparation of alloy steels, in fabrication of plated products, use as chemical intermediates, in the textile industry, and in the leather industry in tanning (HSDB, 2000). Chromium occurs in multiple oxidation states in the environment, with chromium III and chromium VI being the most toxic forms to flora and fauna. Trivalent chromium (III) compounds are generally less toxic than hexavalent compounds (VI), but significant differences may occur in uptake of anionic and cationic Cr III species, and this difference may affect survival in exposed individuals.

High accumulations of chromium have been recorded among organisms from the lower trophic levels, but there is little evidence to suggest that chromium is biomagnified within food chains by higher trophic levels (Eisler, 1986). An LD_{50} for rodents (*Rattus* spp.) of 80 mg/kg has been reported (Fisher Scientific 2000). Adult black ducks (*Anas rubripes*) fed diets containing 10 or 50 mg/kg anionic Cr III as $CrK(SO_4)_2\ 12H_2O$, for five months exhibited normal survival, reproduction, and blood chemistry. However, ducklings fed Cr-contaminated diets at original parental dosages, had altered growth patterns and reduced survival (Haseltine et al., 1985; In Eisler, 1986).

Chlordane and Gamma-chlordane

Chlordane, or technical chlordane, is a mixture of chlorinated hydrocarbons including the isomers cis-chlordane (alpha-chlordane) and trans-chlordane (gamma-chlordane). Chlordane has been used as an insecticide since 1947, and is now the primary insecticide used for controlling termites (Nomeir and Hajjar, 1987, In Eisler, 1990). This pesticide is ubiquitous in the environment, having been found in rainwater, drinking water, air, soils, sediments, invertebrates, birds and humans. Chlordane has a low solubility in water and a high tendency to sorb to soil particles, and thus is highly persistent in soils (Eisler, 1990). Chlordane is most commonly transported by soil erosion. Chlordane degrades slowly in the environment and bioaccumulates significantly in most organisms.

Starlings (*Sturnus vulgaris*), brown-headed cow birds (*Molothrus ater*), and red-winged blackbirds (*Agelaius phoeniceus*) reached LD_{50}s after 6 to 7 days of 150mg/kg techinical chlordane dosage (Eisler, 1990). Acute oral LD_{50}s for rats ranged from 311 to 335 mg/kg·(Eisler, 1990).

Copper

Copper (Cu) is a naturally occurring element that is biologically essential in trace quantities. In soils, the availability and mobility of copper is linked to the pH of the soil in question (HSDB, 2001). Copper (II) is readily formed during weathering processes, and, because it remains in solution under oxidizing acidic conditions, is relatively mobile as compared to other heavy metals. However, the distance copper can travel in solution is limited by the large number of surfaces to which it can adsorb (EPA, 1979).

An essential element, copper is actively bioaccumulated by all organisms. Copper is more toxic to earthworms than lead or zinc (Morgan and Morgan, 1990). *Mustela vison* (mink) ingesting 3.5 mg/kg body weight of copper for 50 weeks exhibited decreased survival (Eisler, 1998). Copper is a micronutrient essential for plant growth. However, elevated levels of copper may reduce plant growth and inhibit root system development. Copper concentrations of 100 mg/kg in soils and 31 μg/L in solution inhibited plant growth and root formation (Will and Suter, 1994).

Copper can be bioaccumulated in vertebrates (i.e., birds and mammals), but is not biomagnified within the food chain. Primary tissues accumulating copper include kidney and liver and to a lesser degree, muscle and other tissues. Toxic effects on birds and mammals are associated with high concentrations via dietary ingestion. The higher concentrations required to elicit toxic effects is largely due to copper being an essential trace element in vertebrates, and thus copper levels are regulated by vertebrate metabolic pathways (Eisler, 1998). Mehring et al. (1960), In Sample et al., 1996) administered up to 570 ppm copper oxide in the diet of one day old chicks and found no effects on growth or mortality endpoints when compared to controls. Copper oxide in the diet at concentrations in excess of 749 ppm produced significant reductions in growth and increased mortality in test populations. Aulerich et al. (1982; In Sample et al., 1996) found that 25 ppm of copper sulfate in the diet of domestic mink displayed no effects on reproduction. However, dietary dosages of 50, 100 and 200 ppm of copper sulfate caused increased kit mortality.

DDT and its metabolites

Dichlorodiphenyltrichloroethane (DDT) was one of the most widely used pesticides for controlling insects in the United States until 1972 when its production/use was banned. Technical DDT is primarily a mixture of three forms (p,p'-DDT, o,p'-DDT and o,o'-DDT); it also contains its degradative breakdown products DDE and DDD. These compounds are among the most persistent of known environmental contaminants, having the ability to both bioconcentrate and biomagnify within the food chain. DDT and its metabolites were found to bioconcentrate at all levels within the food chain. Additionally, biomagnification in the upper trophic levels (i.e. fish, birds and mammals) results in both direct toxicological effects and sublethal impacts.

Because of its high biomagnification potential, higher trophic levels bioaccumulate DDT from direct exposure and via food chain sources. Impacts to higher trophic levels include egg shell thinning in raptors, reproductive impairment in waterfowl, fish consumption advisories for important finfish and shellfish species and food web disruption via direct toxicity and biomagnification in higher trophic levels (EPA, 1980b).

If released to soil, DDT is expected to have no mobility based upon Koc values in the range of 1.13X10+5 to 3.5X10+5. It was reported that the mean lifetime of DDT in temperate US soils is about 5.3 years (HSDB, 2001). An LD_{50} for *Phasianus colchicus* (ring-necked pheasants) of 1334 mg/kg DDT has been demonstrated (HSDB, 2001). The LD_{50} for *Columba livia* (rock dove, domestic pigeon) has been reported as >4000 mg/kg (HSDB, 2001). Because of its high biomagnification potential, higher trophic levels bioaccumulate DDT from direct exposure and via food chain sources. Impacts to higher trophic levels include egg shell thinning in raptors, reproductive impairment in waterfowl, fish consumption advisories for important finfish and shellfish species and food web disruption via direct toxicity and biomagnification in higher trophic levels (EPA, 1980c). Fledging rates in brown pelicans were associated a NOAEL threshold of 0.0028 mg/Kg/day and a LOAEL threshold of 0.028 mg/Kg/day (Anderson et al. 1975 In Sample et al. 1996). Mammals appear to be slightly more tolerant than avian receptors. Norway rats fed diets containing DDT displayed a NOAEL threshold for reduced litter sizes of 0.8 mg/Kg/day and LOAEL threshold for the same endpoint of 4.0 mg/Kg/day (Fitzhugh 1948 In Sample et al. 1996).

Endosulfan sulfate

Endosulfan was used primarily as an insecticide against a variety of agricultural insect pests and for control of and biting flies and mosquitoes. Technical grade endosulfan is composed of a mixture of alpha-endosulfan or endosulfan I and beta-endosulfan or endosulfan II. The major breakdown product following application is endosulfan sulfate. Endosulfan sulfate is the most immobile form of the three compounds.

In rats, the LD_{50} was 100 mg/kg (Sanborn et al., 1977). Endosulfan was the only chlorinated hydrocarbon insecticide found not to be accumulated in mammals (Vettorazzi, 1975 In Sanborn et al., 1977). In bobwhite quail, the oral LC_{50} was 805 mg/kg (HSDB, 2001).

Endrin and endrin aldehyde

Endrin is an insecticide used primarily to control soil insects. The use of endrin has been severely and progressively restricted since 1976. The pesticide aldrin is readily epoxidized in the environment to dieldrin, and endrin is an isomer of dieldrin. Endrin aldehyde is a metabolite of endrin. All of these compounds are extremely persistent (Sittig, 1980). They are relatively immobile in soil, though more mobile in sandy soils than in soils with a high clay content (Sanborn et al., 1977). These compounds are hydrophobic, and are not readily transported from soils via runoff or leaching to groundwater, or released from sediments. Any transport which does occur takes place via movement of the soil particles to which these pesticides are adsorbed. Upon entering water bodies these compounds are usually removed from the water column by adsorption and sedimentation, or uptake by flora and fauna (Sanborn et al., 1977).

Pesticides commonly result in decreased terrestrial invertebrate species diversity , and changes in predator-prey relationships. Endrin and dieldrin have little or no toxic effect on terrestrial vegetation, unless applied at high levels. Phytotoxic reactions are more likely to occur in poor soils, and affect plant quality, rather than yield or growth (Sanborn et al. 1977). Toxicity of these pesticides in birds is often expressed in birds as reproductive failure (Sanborn et al., 1977). They are excreted and, to some extent, metabolized by mammals, but are also readily stored and heavily

accumulated in fat tissue (Sanborn et al. 1977). In mammals, these pesticides are teratogenic, mutagenic, induce tumors, and are acutely toxic. The acute oral LD_{50} has been observed at 20-70 mg/kg in several species of mammals (Sanborn et al., 1977).

Heptachlor and Heptachlor Epoxide

Heptachlor epoxide is a degradation product of heptachlor, an insecticide. The use of this insecticide has been severely restricted by the EPA (Sittig, 1980). Both heptachlor and heptachlor epoxide are persistent for prolonged periods in the environment (Sittig, 1980, Sanborn et al, 1977). Heptachlor has been found to be mobile in soil, and thus is a potential contaminant of groundwater (Sanborn et al, 1977).

Heptachlor is known to bioconcentrate in organisms at various trophic levels (Sittig, 1980), and heptachlor epoxide has been demonstrated to be highly bioaccumulative (Sanborn et al, 1977). A higher ratio of heptachlor to heptachlor epoxide was noted in higher trophic levels in Lake Poinsett, South Dakota (Sanborn et al, 1977). Heptachlor, except under conditions of extremely poor soil or gross contamination, exhibits no toxic effects on terrestrial vegetation (Sanborn et al, 1977). Soil invertebrates are reduced in numbers by heptachlor, as are bird species (Sanborn et al, 1977). Heptachlor exhibits carcinogenic activity in mammals (Sittig, 1980), but this information is lacking for heptachlor epoxide. Japanese quail fed diets of 0.3 mg/Kg/day displayed no adverse effects (Anderson et al 1975 In Sample et al., 1996).

Lead

Lead (Pb) is a naturally occurring element that is a major constituent of numerous minerals, comprising approximately 15 mg/Kg of the earth's crust. Lead and lead compounds are used in a wide variety of manufacturing and industrial uses. Reported background concentrations of lead range from <10 to 70 mg/kg in US surface soils (Pendias and Pendias, 1984). Lead has a tendency to form complexes with naturally occurring organic materials, which increases its adsorptive affinity for clays and other mineral surfaces. Lead enters soil in a variety of complex compounds, therefore its mobility in soil highly variable. Lead accumulation in soil is nearly irreversible, and therefore highly cumulative (Pendias and Pendias, 1984). As with most heavy metals, its aquatic fate is dependent on factors such as pH, Eh and levels of organic matter within the water column (EPA, 1979). Most studies on accumulation in various trophic levels indicate that lead is not biomagnified (EPA, 1979).

Solid lead is not as toxic as the more soluble salts, which are more readily absorbed. Toxicity of lead to waterfowl has been extensively studied in both laboratory and field conditions. Lead poisoning resulting from the ingestion of lead shotgun pellets have been recognized as a source of waterfowl mortality since the late 1800s (Wetmore, 1919; in Eisler, 1988a). Absorbed lead causes a variety of effects leading to death, including damage to the nervous system, muscular paralysis, inhibition of red blood cell synthesis and damage to kidneys and liver. Lead poisoning in waterfowl is a debilitating disease in which death follows exposure by an average of 2-3 weeks (Friend, 1985; in Eisler, 1988a).

The phytotoxicity of lead is low compared to other trace elements. Lead affects mitochondrial respiration and photosynthesis in terrestrial plants, which results in an overall reduction in growth (Will and Suter, 1994). A lead concentration of 160 mg/kg reduced transpiration in autumn olive, *Eleagnus umbellata* (Rolfe and Bazzaaz, 1975, in Will and Suter, 1994). Concentrations as low as 50 mg/kg reduced growth and plant weight (Will and Suter, 1994). Mammals appear to be less sensitive than birds to the effects of lead exposure. Corresponding dietary dosages of lead equivalent to NOAEL and LOAEL thresholds for lead atrophy in Norway rats were 8.0 and 80.0 mg/Kg/day (Sample et al., 1996).

Mercury

Mercury in soils will usually volatilize from the soils or be converted to methyl mercury microbially (HSDB, 2001). In soils, mercury concentration tends to be greater in soils with higher total organic carbon (TOC) (Adriano, 1986).

Mercury is readily biomagnified within the food chain and higher trophic levels can bioaccumulate significant mercury concentrations via ingestion of contaminated prey. At comparatively low concentrations, in birds and mammals, it adversely effects reproduction, growth and development, behavior, blood and serum chemistry, motor coordination, vision, hearing and metabolism. For sensitive species of birds, harmful levels were 640 µg/kg body weight ingested daily, or 50-500 µg/kg in the diet. For sensitive mammals, these levels were 250 µg/kg body weight ingested daily or 1,100 µg/kg in the diet (Eisler, 1987). Organo mercury compounds including methyl-, ethyl- and phenyl- forms are acutely more toxic than inorganic forms such as mercuric salts. Principal exposure pathways for higher birds and mammals is primarily through ingestion of prey exposed to contaminated media and the subsequent bioaccumulation in prey tissues.

Concentrations of mercury in soil in excess of 30 ppm were found to be inherently toxic to soil annelids (i.e., earthworms) and thus did not allow for accumulation in soil invertebrates. Concentrations less than 30 mg/Kg allowed for earthworm survival while also allowing for potential bioconcentration of mercury in earthworm/invertebrate tissues (Efroymson et al., 1997a; Sample et al., 1998). Regression of mercury concentrations in soil and earthworm tissues revealed that bioaccumulation uptake factors for mercury in tissues increased with decreasing soil concentration. Therefore mercury concentrations below toxic concentrations to soil invertebrates are expected to be accumulated by representative invertebrates (i.e., earthworms). Sample et al. (1998) in a review of uptake factors for earthworms in soils revealed a range of 0.03 to 33.0x soil concentrations of total mercury and a mean uptake value of 5.2x (inorganic and organic forms). This expected bioconcentration of mercury by soil invertebrates such as earthworms results in a potential trophic level exposure for higher vertebrates whose diet consists largely of earthworms or other representative invertebrates (i.e., insectivorous species).

Mercury is phytotoxic to plants at a range of concentrations and toxicity is dependent upon plant species and soil conditions. Acute and chronic effects of mercury toxicity in plants include stunting of seedling growth and root development, inhibition of photosynthesis, reduction in yield (i.e., biomass), premature senescense, leaf necrosis and chlorosis (Adriano, 1986; Pendias and Pendias, 1984). Accumulation of mercury by plants does not appear to be a significant sink for mercury released to soils. On the basis of tissue specific accumulation in plants, the roots appear to be the

primary tissue which accumulates mercury, with a limited degree of translocation to stem, leaf and shoot tissue (Pendias and Pendias, 1984). Based upon cross-phylogenic observations in plant response to mercury, dicotyledons (broad leaf plants, trees and shrubs) appear more sensitive to the toxic effects of mercury than monocotyledons (Adriano, 1986). As observed with other forms of mercury, organomercuric compounds (i.e., methyl-, ethyl-, phenylmercury) were more toxic to plants than inorganic forms (i.e., mercuric chloride, mercuric sulfate). The soil concentration range of observed effects across multiple plant species ranges from 0.01 to 3.0 ppm (Pendias and Pendias, 1984). Based upon the available information, direct toxic effects to plants appears to be more significant than accumulation and metabolic transformation or inhibition. Additionally, testing suggests that dicotyledons appear to be more sensitive than monocotyledons. As a screening level value for assessment of potential phytotoxic effects on terrestrial plants, Efroymson et al. (1997a) recommended a value of 0.3 ppm total mercury soils as a phytotoxic screening level threshold for the soil assessment.

Mercury (Hg) is the most toxic metal to aquatic organisms, particularly in the form of methyl mercury (EPA, 1979). At lower trophic levels of the aquatic food chain, the accumulation of mercury is low. However, at higher trophic levels, such as bony fish and their predators, mercury accumulation and transfer is high (Eisler, 1987). In general, bioaccumulation and availability of mercury increase as a function of increasing water temperature, decreasing hardness, reduced pH, reduced levels of organic matter in the water column, and the presence of zinc, cadmium or selenium in solution (Eisler, 1987a; EPA, 1979). Toxicity of mercury increases with increasing temperature (Armstrong 1979, In Eisler, 1987) and at reduced pH (McKenney and Costlow 1981, In Eisler, 1987).

Nickel

Nickel (Ni) is a naturally occurring element which comprises approximately 88 mg/kg of the earth's crust. Nickel is typically found in divalent compounds which are strongly ionic in character, having an affinity for organic materials and particularly hydrous iron and manganese oxides. Compounds formed with the latter two materials are relatively soluble, making nickel one of the more mobile heavy metals in aquatic systems.

Nickel is bioaccumulated by some aquatic organisms, but bioconcentration factors are typically low. It is unlikely that nickel is involved in biotransformation processes (EPA, 1979). There is no evidence of significant bioaccumulation in mammals.

Nickel is not generally an essential nutrient for plants, and an excess of this metal can disrupt photosynthesis, transpiration, metabolism, root development and nutrient absorption (Will and Suter, 1994). Concentrations as low as 50 mg/kg in soil may adversely affect plant growth (Will and Suter, 1994).

In mammals and birds, nickel toxicity appears to be closely linked to subacute effects. Corresponding NOAEL and LOAEL thresholds observed in Norway rats for reduced body weights in new born pups were observed at 40 and 80 mg/Kg/day (Ambrose et al. 1976 In Sample et al., 1996). Similarly, mallard ducks displayed impaired growth equivalent to a NOAEL dosage of 77 mg/Kg/day and a LOAEL of 107 mg/Kg/day (Cain and Pafford 1981 In Sample et al., 1996).

Polycyclic Aromatic Hydrocarbons (PAHs)

PAHs are ubiquitous in the environment as a result of natural background concentrations and anthropogenic sources. Anthropogenic sources of PAHs include fossil fuel burning and heavy industry. Much of the PAHs released to the atmosphere eventually reach the soil by deposition. PAHs are persistent in the environment, and may accumulate in vegetation (Eisler, 1987b).

Bioaccumulation of PAHs is highly species-specific, with higher rates seen in organisms which are unable to metabolize or biotransform these compounds. Chronic exposures to PAHs are known to cause teratogenesis, mutagenesis, and tumor formation in mammals and birds. Exposure of rats to PAHs produced effects at concentrations as low as 0.04 ug/kg (Eisler 1987b). PAHs are rapidly metabolized in mammals.

Limited data are available regarding biological effects of PAHs on reptiles and amphibians. Amphibians are relatively resistant to PAH carcinogenesis compared to mammals (Eisler, 1987b). Many PAHs produce tumors in most epithelial tissues of practically all mammal species tested. The LD_{50} for rodents (*Rattus* spp. and *Mus* spp.) varies among PAH compounds, ranging from 50 mg/kg for benzo(a)pyrene to 2,000 mg/kg for fluoranthene (Eisler, 1987b). Concentrations of PAHs inducing carcenogenicity in mice varies among compounds and application, from 0.00004-0.000025 mg/kg of 7,12-dimethylbenz(a)anthracene administered orally, to 3,300 mg/kg for anthracene, administered orally (Eisler, 1987b).

Patton and Dieter (1980 In Eisler 1987b) fed a dietary dosage of 4,000 mg/kg PAHs to adult mallard ducks (*Anas platyrhynchos*) and found no mortality or visible signs of toxicity to individuals tested. Hoffman and Gray (1981 In Eisler 1987b) exposed mallard eggs to benzo(a)pyrene (0.01 μg/egg) and chrysene (0.015 μg/egg) and found a 60 percent mortality in developing embryos and an increased incidence of duckling abnormalities in the survivors.

A review of the biological effects of PAHs on terrestrial plants indicates that plants and vegetables can absorb PAHs from soils and translocate them to other plant parts. Many plants appear to contain chemicals which protect against PAH effects, and/or can catabolize some PAHs. Above-ground parts of plants generally contain more PAHs than underground parts, primarily due to atmospheric deposition and subsequent adsorption (Eisler, 1987b).

Polychlorinated biphenyls

Polychlorinated biphenyls are extremely stable compounds which are slow to degrade in the aquatic environment. Contamination pathways of PCBs into aquatic systems include indirect runoff from municipal and agricultural land applications, and direct discharges into rivers from industries and power plants (Kalmaz and Kalmaz, 1979). PCBs with five or more chlorine atoms are highly persistent in the environment (Kalmaz and Kalmaz, 1979). These include Aroclors-1254 and -1260.

The biological availability and uptake of PCBs from surface water, sediments and interstitial (pore) water are directly influenced by two factors: (1) the water-sediment partitioning and (2) steric factors resulting from different patterns of chlorine substitution.

Aroclors-1254 and -1260 have high log Kocs, indicating high biological uptake potential. Combined Koc and steric factor effects indicate that maximum uptake and bioaccumulation potential exists for Aroclor-1254, and, to a lesser extent, Aroclor-1260.

The presence of PCBs in organisms has been shown to cause reproductive failure, birth defects, skin lesions, tumors, and death among sensitive species (Eisler, 1986). In general, accumulations from diet (i.e., trophic transfers) and other sources are high, and retention is lengthy in tissues with high lipid content.

Acute toxicity of PCBs in water most likely occurs at concentrations above 10 mg/L for marine organisms (Long and Morgan, 1990). The ER-L, the low end concentration of the range of screened data at which effects were observed or predicted, suggested by marine data is 50 μg/L (Long and Morgan, 1990). The greatest effect of PCBs in surface waters appears to be inhibition of phytoplankton growth. Phytoplankton accumulate the highest concentrations of PCBs relative to other aquatic organisms. The EPA (1980c) reported that surface water concentrations as low as 1.0 μg/L of Aroclor-1254 can significantly reduce the biomass and size of phytoplankton communities. The reduction in biomass of these organisms may deprive primary, and thus, secondary consumers of required food resources. In addition, PCBs are transferred through the food chain via ingestion of plankton-eating organisms, and may be biomagnified (Kalmaz and Kalmaz, 1979). Furthermore, reductions in energy sources to higher-order aquatic organisms may cause them to be more susceptible to the adverse physiological effects of PCBs.

PCBs are lipophilic and bioconcentrate in tissues from surface water at low concentrations (EPA, 1980c). However, persistent PCBs such as Aroclors-1254 and -1260 are typically adsorbed to sediments and available only through direct uptake from sediments and interstitial water, or resuspended sediments in the water column, as well as trophic transfers within the food chain. Reported bioconcentration factors (BCFs) of Aroclor-1254 in organisms range from approximately 800X to greater than 340,000X.

For sensitive avifauna, PCBs have been reported to disrupt normal patterns of growth, reproduction, metabolism, and behavior (Eisler, 1986b). Many of the NOELs reported in the literature deal with impacts of reproductive success. This appears to be the major physiological problem in birds, since reduction in reproductive success can result in decreased fitness for the species. One of the specific problems is reduced eggshell thickness in offspring. It has been suggested that a reduction in eggshell thickness of 15 to 20 percent will cause declines in population numbers (Nygard, 1983 in Eisler, 1986b).

Piscivorous mammals such as mink have been shown to be very sensitive to PCBs through the ingestion of contaminated prey. Other species found to be prone to PCB exposure and accumulation include river otters. Reproductive endpoints have been demonstrated to be the most sensitive of the endpoints investigated for piscivorous mammals. Feeding of domestic mink with a diet containing Aroclor-1254 resulted in an overall increase in the number of still born kits and post natal kit mortality (Aulerich and Ringer, 1977). Corresponding NOAEL dosages for the above reproductive effects were 0.14 mg/Kg/day PCBs and LOAEL dosages were estimated to be 0.69 mg/Kg/day.

PCBs have been found to impede plant growth at soil-water concentrations as low as 40 mg/L (Will and Suter, 1994). The degree of plant growth reduction and the PCB concentration at which it is initially observed are dependent upon soil chemistry and species sensitivity. Plant growth reductions may be an indirect affect, resulting from PCB inhibition of transpiration (Will and Suter, 1994).

Selenium

Selenium (Se) is a naturally occurring element (metal) that is used in the manufacture of glass, photocopying, electronics, pigments, dyes, and insecticides. The solubility of selenium compounds varies widely, from very high (sodium selenate) to very insoluble (heavy metal selenides). Selenium is adsorbed by iron and manganese hydroxides, iron sulfides, and organic matter (EPA, 1979).

Selenium is an essential element in animal nutrition at low concentrations, but is extremely toxic at higher concentrations (EPA, 1979). The acute LC_{50} (96-hour) values for eight species of freshwater fish ranged from 620 ug/l for fathead minnows (*Pimephales promelas*) to 28,500 ug/l for bluegill sunfish (*Lepomis macrochirus*) (EPA, 1987).

Laboratory rats fed 0.2 mg/Kg/day Se displayed no reproductive effects. Dosages of 0.33 mg/Kg/day did result in smaller litter sizes in exposed females (Rosenfield and Beath (1954) In Sample et al. (1996)). Birds displayed similar effects when exposed to selenium via dietary supplements. Mallard ducklings fed selenium of 0.4 mg/Kg/day displayed no acute effects from the exposure. Ducklings fed 0.8 mg/Kg/day displayed higher mortality than untreated controls (Heinz (1986) In Sample et al. (1996)).

Thallium

Thallium is a common element with an abundance of about 0.3-0.6 ppm in the earth's crust. Compounds are formed from the Tl(I) and Tl(III) oxidation states. Thallium's production and use in the manufacture of thallaphide cells, atomic beam clocks, photoelectric cells, lamps, thermometers, alloys, semiconductors and scintillation counters may result in its release to the environment through various wastestreams. Thallium has been detected in air effluent particulate matter from cement factories, metal smelters and coal burning plants. Particulate-phase thallium is expected to be physically removed from the air by wet and dry deposition. Due to the ionic nature of thallium, volatilization from soil or water surfaces is not expected. Thallium has been detected in fish and plants and monitoring data suggest it may bioconcentrate in aquatic organisms (HSDB, 2000). A review of available literature yielded little information on the toxicity of this metal to mammals and birds.

Mallard ducks fed diets containing 3000 mg/Kg and higher for a 30 day period resulted in leg paralysis, and individuals fed >3000 mg/Kg resulted in many deaths within the sample population tested (NAS, 1979; in Eisler, 1993). An LD_{50} for rodents (*Rattus* spp.) of 9000 mg/kg has been reported (Reynolds Metals, 2000).

TCDD and related congeners (Dioxins)

Polychlorinated dibenzo - para -dioxins (PCDDs) or "dioxins" are present as trace impurities in some manufactured chemicals and industrial wastes. The chemical and environmental stability of PCDDs and their lipophilic nature in biota have resulted in their detection within many ecosystems (Eisler, 1986). There are 75 congeners of PCDDs, toxicity of the various congeners varies widely with some being extremely toxic and others are believed to be relatively innocuous (Eisler, 1986). The most toxic and extensively studied congener is 2,3,7,8-tetrachlorodibenzo - para - dioxin (TCDD). This congener is identified as one of the most toxic chemicals to wildlife and associated with causing direct acute and chronic lethal effects in a variety of wildlife species but also immunotoxic and reproductive inhibition in birds and mammal resulting from consumption of TCDD contaminated prey. In general, congeners with the highest biological activity and acute toxicity have four to eight chlorine atoms, and all lateral positions being chlorine saturated. TCDD and related dioxins are highly stable in the environment and can persist in both abiotic and biotic media for years after initial exposure.

In general, vertebrates appear to be far more sensitive to TCDD than invertebrates and plants in both aquatic and terrestrial communities. Terrestrial invertebrates including earthworms and beetle grubs exposed to TCDD concentrations of 5.0 mg/Kg displayed no adverse effects but did bioaccumulate TCDD from the soils. Concentrations of 10 mg/Kg in soils proved lethal to both invertebrates (Eisler, 1986). In the aquatic environment, among the most sensitive species appears to fish fry, a variety of teleost species and fish eating bird and mammal species.

The major exposure pathway of TCDD to higher level receptors is through dietary ingestion of contaminated prey items. Biomagnification of TCDD in birds has been observed and bioaccumulation is evident (Eisler, 1986). LD_{50} values for quail exposed to TCDD ranged from 9.2 to 24.5 ug/kg body weight (Eisler, 1986). Bioaccumulation of TCDD in the livers of rats has been observed, and teratogenic and fetotoxic effects in mammals are well documented (Eisler, 1986). An acute oral toxicity (LD_{50} value) of 115 ug/kg body weight has been demonstrated in rabbits (Eisler, 1986).

Trichloroethene (TCE)

Trichloroethene (trichloroethylene) is a colorless, nonflammable, noncorrosive liquid with a "chloroform-like" odor. Produced by the organic chemical industry, TCE is used primarily in dry-cleaning operations, degreasing, solvents for fats, greases, waxes, etc. TCE is known to be ubiquitous in the environment (EPA, 1979). If released to soil, trichloroethylene is expected to have high mobility based upon an average Koc of 101, measured in 32 soils (HSDB, 2001). Trichloroethylene is expected to volatilize from soil surfaces based upon its vapor pressure. The LD_{50} value for rats exposed to TCE was reported as 4920 mg/kg (HSDB, 2001). No toxicological data for exposure of birds to TCE was present in the available literature.

Vanadium

Vanadium is a light gray or white lustrous powder or fused lump insoluble in water, produced primarily from petroleum residues. Vanadium and its compounds are used mainly as alloys for steel and as industrial catalysts. Vanadium itself is nontoxic, but compounds containing this metal, particularly the oxides, may be toxic (Sittig, 1985). In soil, vanadium's mobility is expected to be dictated by soil pH; mobility is expected to be lower in acidic soils (HSDB, 2001). The more soluble pentavalent cation may leach. Clay soils appear to have more vanadium than other soils.

Exposure to vanadium at relatively high dosages has been shown to affect reproductive or systemic endpoints in birds and mammals. Laboratory rats fed 2.1 mg/Kg/day displayed reduced growth and increased mortality in new born kits. (Formigli et al. (1986) In Sample et al. (1996)). Mallard ducklings fed via dietary supplement display no effects on survival and growth at a maximum dosage of 11.4 mg/Kg/day (White and Dieter (1978) In Sample et al. 1996).

Zinc

Zinc (Zn) is a naturally occurring element that comprises approximately 123 mg/Kg in the earth's crust. Zinc compounds are not found free in nature, but rather occur in the +2 oxidation state often as zinc sulfide (sphalerite), zinc carbonate (smithsonite) and zinc oxide (zincite) (HSDB, 2000). Zinc is released to the environment from both natural and anthropogenic sources; however, releases from anthropogenic sources are greater than those from natural sources. The primary anthropogenic sources of zinc in the environment are from metal smelters and mining activities. Zinc compounds are expected to have low mobility in soils and are absorbed by plants. Zinc is held by clays and organic matter, but may still be highly mobile, depending upon, among other things, pH and clay content of soils (Pendias and Pendias 1984). Most of the Zinc introduced into aquatic systems is adsorbed onto hydrous iron and manganese oxides, organic materials and clay minerals, becoming incorporated into sediments. Zinc compounds appear to be largely immobile in natural systems (EPA, 1979). Zinc is a biologically essential element in trace quantities and, therefore, is bioaccumulated by all organisms, even at very low environmental concentrations.

Because zinc is an essential microelement, relatively high dosages are required to elicit effects in birds and mammals. Mallard ducks fed diets containing 3,000 mg/Kg and higher for a 30-day period resulted in leg paralysis, and individuals fed >3,000 mg/Kg resulted in many deaths within the sample population tested (NAS, 1979 In Eisler, 1993). In a study using domestic chickens, Stahl et al. (1986 In Sample et al., 1996) observed a reduction in egg hatching success in individuals fed diets in excess of 131 mg/Kg/day. No effects were observed at dosages of 14.5 mg/Kg/day. Norway rats fed diets corresponding to a dosage of 160 mg/Kg/day displayed no reproductive effects from the exposure. Dosages in excess of 320 mg/Kg/day resulted in increased pup mortality and decreased growth rates (Schlicker and Cox (1968) In Sample et al. (1996)).

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