FINAL REPORT
NL/Dutch Boy Paints Site
NL INDUSTRIES, INC.

OHM Remediation Services Corp.
Project #14296

VOLUME II
Appendix 3, 4 & 5

353502

APPENDIX 3

Analytical Data

Analytical Services Corp.

ANALYTICAL REPORT

Client: OHM Remediation Services Corporation
Northeast Region

Attn: Dave Leadenham
Ron Kenyon

Project: 14296 - NL/Dutch Boy, Perth Amboy, NJ

Sample(s): C5706

Sample Type(s): Solid

Analysis Performed: Test Bulking, RCRA Characteristics, Organics and RCRA TCLP Leachate Parameters

Date Sample Received: June 14 and 17, 1993

Date Order Received: June 29, 1993

Joblink(s): 613186

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Reviewed and Approved by: Joseph A. Khatsu for *Thomas E. Gran, Ph.D., Vice President* *Date:* 7-22-93

16406 U.S. Route 224 East ■ P.O. Box 1404 ■ Findlay, Ohio 45839-1404 ■ 419-423-3526

PROJECT NARRATIVE

The following items relate to the samples and analytical data contained in this report.

- All solids sample results are reported on an as received "wet weight" basis, except PCBs which are reported on a "dry weight" basis.
- Note any and all comments at the bottom of the tables in Appendix B and/or Appendix C.
- **ASC** will retain samples for a maximum of thirty (30) days after completion of the analysis, samples will be held for a longer period of time, if appropriate arrangements are made in advance. A nominal disposal charge of $5.00/ sample will be imposed for unreturned samples.

APPENDIX A

DATA SUMMARY REPORT

NOTE: The GC/MS screen data, if applicable, is included in Appendix B.

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: C5706
ASC Sample Number: JK8654
Sample Date:
Facility Code: 014296

Parameters	Units	
Conventional Data (CV10)		
Flash Point, Seta Flash 60	Deg C	>60
Reactive Cyanide	mg/kg	<10.0
Reactive Sulfide	mg/kg	<10.0
pH (Test Strip)	std	9
Priority Pollutant PCB Analysis, GC, (GS13)		
Aroclor 1016	mg/kg	<.170
Aroclor 1221	mg/kg	<.170
Aroclor 1232	mg/kg	<.170
Aroclor 1242	mg/kg	<.170
Aroclor 1248	mg/kg	<.170
Aroclor 1254	mg/kg	<.170
Aroclor 1260	mg/kg	.201
RCRA TCLP Leachate Metals Analysis, (ME52)		
Arsenic	mg/L	<.100
Barium	mg/L	<.100
Cadmium	mg/L	<.005
Chromium	mg/L	<.020
Lead	mg/L	<.100
Mercury	mg/L	.002
Selenium	mg/L	<.100
Silver	mg/L	<.020
Total Base/Neutral/Acid Analysis, MS, (MS02)		
Acenaphthene	mg/kg	<.357
Acenaphthylene	mg/kg	<.357
Anthracene	mg/kg	<.357
Benzidine	mg/kg	<.357
Benzoic acid	mg/kg	5.01
Benzyl alcohol	mg/kg	<.357
Benzo(a)anthracene	mg/kg	<.357
Benzo(b)fluoranthene	mg/kg	<.357
Benzo(k)fluoranthene	mg/kg	<.357
Benzo(ghi)perylene	mg/kg	<.357

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: C5706
ASC Sample Number: JK8654
Sample Date:
Facility Code: 014296

Parameters	Units	
Total Base/Neutral/Acid Analysis, MS, (MS02)		
Benzo(a)pyrene	mg/kg	<.357
bis(2-Chloroethoxy)ethane	mg/kg	<.357
bis(2-Chloroethyl) ether	mg/kg	<.357
bis(2-Chloroethoxy)methane	mg/kg	<.357
bis(2-Chloroisopropyl)ether	mg/kg	<.357
bis(2-Ethylhexyl)phthalate	mg/kg	.364
4-Bromophenyl phenyl ether	mg/kg	<.357
Butyl benzyl phthalate	mg/kg	.374
Carbazole	mg/kg	<.357
4-Chloroaniline	mg/kg	<.357
p-Chloro-m-cresol	mg/kg	<.357
2-Chloronaphthalene	mg/kg	<.357
2-Chlorophenol	mg/kg	<.357
4-Chlorophenyl phenyl ether	mg/kg	<.357
3-Chloropropionitrile	mg/kg	<.357
Chrysene	mg/kg	<.357
Cyclohexanone	mg/kg	<.357
Dibenzo(a,h)anthracene	mg/kg	<.357
Dibenzofuran	mg/kg	<.357
Di-n-butyl phthalate	mg/kg	<.357
1,2-Dichlorobenzene	mg/kg	<.357
1,3-Dichlorobenzene	mg/kg	<.357
1,4-Dichlorobenzene	mg/kg	<.357
3,3'-Dichlorobenzidine	mg/kg	<.357
2,4-Dichlorophenol	mg/kg	<.357
2,6-Dichlorophenol	mg/kg	<.357
Diethyl phthalate	mg/kg	<.357
Dimethyl phthalate	mg/kg	<.357
2,4-Dimethylphenol	mg/kg	<.357
4,6-Dinitro-o-cresol	mg/kg	<.893
2,4-Dinitrophenol	mg/kg	<1.79
2,4-Dinitrotoluene	mg/kg	<.357
2,6-Dinitrotoluene	mg/kg	<.357
Di-n-octyl phthalate	mg/kg	<.357
2-Ethoxyethanol	mg/kg	<5.36

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: C5706
ASC Sample Number: JK8654
Sample Date:
Facility Code: 014296

Parameters	Units	
Total Base/Neutral/Acid Analysis, MS, (MS02)		
Fluoranthene	mg/kg	.384
Fluorene	mg/kg	<.357
Hexachlorobenzene	mg/kg	<.357
Hexachlorobutadiene	mg/kg	<.357
Hexachlorocyclopentadiene	mg/kg	<.357
Hexachloroethane	mg/kg	<.357
Hexachloropropene	mg/kg	<.357
Indeno(1,2,3-c,d)pyrene	mg/kg	<.357
Isophorone	mg/kg	<.357
4,4'-Methylenebis(2-chloroaniline)	mg/kg	<.357
2-Methylnaphthalene	mg/kg	<.357
2-Methylphenol	mg/kg	<.357
4-Methylphenol	mg/kg	<.357
2-Nitropropane	mg/kg	<.357
N-Nitrosodimethylamine	mg/kg	<.357
N-Nitrosodi-n-propylamine	mg/kg	<.357
N-Nitrosodiphenylamine	mg/kg	<.357
Naphthalene	mg/kg	<.357
2-Nitroaniline	mg/kg	<.357
3-Nitroaniline	mg/kg	<.357
4-Nitroaniline	mg/kg	<.357
Nitrobenzene	mg/kg	<.357
2-Nitrophenol	mg/kg	<.357
4-Nitrophenol	mg/kg	<1.79
Pentachlorobenzene	mg/kg	<.357
Pentachloronitrobenzene	mg/kg	<.357
Pentachlorophenol	mg/kg	<.357
Pentachloroethane	mg/kg	<.357
Phenanthrene	mg/kg	.368
Phenol	mg/kg	<.357
Pronamide	mg/kg	<.357
Pyrene	mg/kg	<.357
Pyridine	mg/kg	<.357
1,2,4,5-Tetrachlorobenzene	mg/kg	<.357
2,3,4,6-Tetrachlorophenol	mg/kg	<.357

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: C5706
ASC Sample Number: JK8654
Sample Date:
Facility Code: 014296

Parameters	Units	
Total Base/Neutral/Acid Analysis, MS, (MS02)		
1,2,4-Trichlorobenzene	mg/kg	<.357
2,4,5-Trichlorophenol	mg/kg	<.357
2,4,6-Trichlorophenol	mg/kg	<.357
RCRA TCLP Leachate Base/Neutral/Acid Analysis, MS, (MS52)		
2,4-Dinitrotoluene	mg/L	<.100
Hexachlorobenzene	mg/L	<.100
Hexachloroethane	mg/L	<.100
Hexachlorobutadiene	mg/L	<.100
Lindane	mg/L	<.100
Methoxychlor	mg/L	<.100
2-Methylphenol	mg/L	<.100
4-Methylphenol	mg/L	<.100
Nitrobenzene	mg/L	<.100
Pentachlorophenol	mg/L	<.100
Pyridine	mg/L	<.100
2,4,5-Trichlorophenol	mg/L	<.100
2,4,6-Trichlorophenol	mg/L	<.100
Total Volatile Analysis, MS, (MV00)		
Acetone	mg/kg	.057
Acrolein	mg/kg	<.099
Acrylonitrile	mg/kg	<.050
Benzene	mg/kg	<.020
Bromoform	mg/kg	<.020
Carbon disulfide	mg/kg	<.020
Carbon tetrachloride	mg/kg	<.020
Chlorobenzene	mg/kg	<.020
Chlorodibromomethane	mg/kg	<.020
Chloroethane	mg/kg	<.020
Chloroform	mg/kg	<.020
2-Chloroethylvinyl ether	mg/kg	<.020
3-Chloropropene	mg/kg	<.020
1,2-Dibromo-3-chloropropane	mg/kg	<.020
Dichlorobromomethane	mg/kg	<.020

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: C5706
ASC Sample Number: JK8654
Sample Date:
Facility Code: 014296

Parameters	Units	
Total Volatile Analysis, MS, (MV00)		
Dichlorodifluoromethane	mg/kg	<.020
1,1-Dichloroethane	mg/kg	<.020
1,2-Dichloroethane	mg/kg	<.020
1,1-Dichloroethylene	mg/kg	<.020
1,2-Dichloropropane	mg/kg	<.020
cis-1,3-Dichloropropylene	mg/kg	<.020
trans-1,3-Dichloropropylene	mg/kg	<.020
Dibromomethane	mg/kg	<.020
Ethylbenzene	mg/kg	<.020
Ethylene dibromide	mg/kg	<.020
Ethyl acetate	mg/kg	<.198
Ethyl ether	mg/kg	<.020
2-Hexanone	mg/kg	<.020
Iodomethane	mg/kg	<.020
Methyl bromide	mg/kg	<.020
Methyl chloride	mg/kg	<.020
Methylene chloride	mg/kg	<.020
Methyl ethyl ketone	mg/kg	<.040
Methyl-iso-butyl ketone	mg/kg	<.040
Styrene	mg/kg	<.020
1,1,1,2-Tetrachloroethane	mg/kg	<.020
1,1,2,2-Tetrachloroethane	mg/kg	<.020
Tetrachloroethylene	mg/kg	<.020
Tetrahydrofuran	mg/kg	<.020
Toluene	mg/kg	<.020
1,1,1-Trichloroethane	mg/kg	<.020
1,1,2-Trichloroethane	mg/kg	<.020
Trichloroethylene	mg/kg	<.020
1,2-Trans-dichloroethylene	mg/kg	<.020
Trichlorofluoromethane	mg/kg	<.020
1,2,3-Trichloropropane	mg/kg	<.020
1,1,2-Trichlorotrifluoroethane	mg/kg	<.040
Vinyl acetate	mg/kg	<.099
Vinyl chloride	mg/kg	<.020
Xylenes	mg/kg	<.020

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: C5706
ASC Sample Number: JK8654
Sample Date:
Facility Code: 014296

Parameters	Units	
RCRA TCLP Leachate (ZHE) Volatile Analysis, MS, (MV50)		
Benzene	mg/L	<.125
Carbon tetrachloride	mg/L	<.125
Chlorobenzene	mg/L	<.125
Chloroform	mg/L	<.125
1,4-Dichlorobenzene	mg/L	<.125
1,2-Dichloroethane	mg/L	<.125
1,1-Dichloroethylene	mg/L	<.125
Methyl ethyl ketone	mg/L	<.250
Tetrachloroethylene	mg/L	<.125
Trichloroethylene	mg/L	<.125
Vinyl chloride	mg/L	<.125

APPENDIX B

QUANTITATIVE RESULTS

Test Bulking Results

Facility: 14296
Sample Identifier: C5706
ASC Sample Number: JK8654

Test Bulking Parameters	Result
Date of Test Bulk:	July 1, 1993
Samples Bulked:	COMP-10 and 254
Temperature Rise:	< 2.0°C
Gas Evolved:	None observed
Precipitate:	None observed
Gelling or Solidification:	None observed

CONVENTIONAL DATA (CV10)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	C5706	JK8654

Compounds		Sample Results	Detection Limits	Blank Results	Batch Number
Reactive Cyanide	mg/kg	ND	10.0	ND	Q2I1791
Reactive Sulfide	mg/kg	ND	10.0	ND	Q2I1814
pH (Test Strip)	std	9	-	-	
Flash Point, Seta Flash 60	Deg C	>60	-	-	

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	C5706	JK8654

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Aroclor 1016	ND	.170	ND	Q2P7776
Aroclor 1221	ND	.170	ND	Q2P7776
Aroclor 1232	ND	.170	ND	Q2P7776
Aroclor 1242	ND	.170	ND	Q2P7776
Aroclor 1248	ND	.170	ND	Q2P7776
Aroclor 1254	ND	.170	ND	Q2P7776
Aroclor 1260	.201	.170	ND	Q2P7776

TOTAL BASE/NEUTRAL/ACID ANALYSIS, MS, (MS02)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	C5706	JK8654

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Acenaphthene	ND	.357	ND	Q2C7772
Acenaphthylene	ND	.357	ND	Q2C7772
Anthracene	ND	.357	ND	Q2C7772
Benzidine	ND	.357	ND	Q2C7772
Benzoic acid	5.01	.893	ND	Q2C7772
Benzyl alcohol	ND	.357	ND	Q2C7772
Benzo(a)anthracene	ND	.357	ND	Q2C7772
Benzo(b)fluoranthene	ND	.357	ND	Q2C7772
Benzo(k)fluoranthene	ND	.357	ND	Q2C7772
Benzo(ghi)perylene	ND	.357	ND	Q2C7772
Benzo(a)pyrene	ND	.357	ND	Q2C7772
bis(2-Chloroethoxy)ethane	ND	.357	ND	Q2C7772
bis(2-Chloroethyl) ether	ND	.357	ND	Q2C7772
bis(2-Chloroethoxy)methane	ND	.357	ND	Q2C7772
bis(2-Chloroisopropyl)ether	ND	.357	ND	Q2C7772
bis(2-Ethylhexyl)phthalate	.364	.357	ND	Q2C7772
4-Bromophenyl phenyl ether	ND	.357	ND	Q2C7772
Butyl benzyl phthalate	.374	.357	ND	Q2C7772
Carbazole	ND	.357	ND	Q2C7772
4-Chloroaniline	ND	.357	ND	Q2C7772
p-Chloro-m-cresol	ND	.357	ND	Q2C7772
2-Chloronaphthalene	ND	.357	ND	Q2C7772
2-Chlorophenol	ND	.357	ND	Q2C7772
4-Chlorophenyl phenyl ether	ND	.357	ND	Q2C7772
3-Chloropropionitrile	ND	.357	ND	Q2C7772
Chrysene	ND	.357	ND	Q2C7772
Cyclohexanone	ND	.357	ND	Q2C7772
Dibenzo(a,h)anthracene	ND	.357	ND	Q2C7772
Dibenzofuran	ND	.357	ND	Q2C7772
Di-n-butyl phthalate	ND	.357	ND	Q2C7772
1,2-Dichlorobenzene	ND	.357	ND	Q2C7772
1,3-Dichlorobenzene	ND	.357	ND	Q2C7772
1,4-Dichlorobenzene	ND	.357	ND	Q2C7772
3,3'-Dichlorobenzidine	ND	.357	ND	Q2C7772
2,4-Dichlorophenol	ND	.357	ND	Q2C7772
2,6-Dichlorophenol	ND	.357	ND	Q2C7772
Diethyl phthalate	ND	.357	ND	Q2C7772
Dimethyl phthalate	ND	.357	ND	Q2C7772
2,4-Dimethylphenol	ND	.357	ND	Q2C7772
4,6-Dinitro-o-cresol	ND	.893	ND	Q2C7772
2,4-Dinitrophenol	ND	1.79	ND	Q2C7772
2,4-Dinitrotoluene	ND	.357	ND	Q2C7772
2,6-Dinitrotoluene	ND	.357	ND	Q2C7772
Di-n-octyl phthalate	ND	.357	ND	Q2C7772
2-Ethoxyethanol	ND	5.36	ND	Q2C7772
Fluoranthene	.384	.357	ND	Q2C7772
Fluorene	ND	.357	ND	Q2C7772
Hexachlorobenzene	ND	.357	ND	Q2C7772
Hexachlorobutadiene	ND	.357	ND	Q2C7772
Hexachlorocyclopentadiene	ND	.357	ND	Q2C7772

TOTAL BASE/NEUTRAL/ACID ANALYSIS, MS, (MS02)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	C5706	JK8654

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Hexachloroethane	ND	.357	ND	Q2C7772
Hexachloropropene	ND	.357	ND	Q2C7772
Indeno(1,2,3-c,d)pyrene	ND	.357	ND	Q2C7772
Isophorone	ND	.357	ND	Q2C7772
4,4'-Methylenebis(2-chloroaniline)	ND	.357	ND	Q2C7772
2-Methylnaphthalene	ND	.357	ND	Q2C7772
2-Methylphenol	ND	.357	ND	Q2C7772
4-Methylphenol	ND	.357	ND	Q2C7772
2-Nitropropane	ND	.357	ND	Q2C7772
N-Nitrosodimethylamine	ND	.357	ND	Q2C7772
N-Nitrosodi-n-propylamine	ND	.357	ND	Q2C7772
N-Nitrosodiphenylamine	ND	.357	ND	Q2C7772
Naphthalene	ND	.357	ND	Q2C7772
2-Nitroaniline	ND	.357	ND	Q2C7772
3-Nitroaniline	ND	.357	ND	Q2C7772
4-Nitroaniline	ND	.357	ND	Q2C7772
Nitrobenzene	ND	.357	ND	Q2C7772
2-Nitrophenol	ND	.357	ND	Q2C7772
4-Nitrophenol	ND	1.79	ND	Q2C7772
Pentachlorobenzene	ND	.357	ND	Q2C7772
Pentachloronitrobenzene	ND	.357	ND	Q2C7772
Pentachlorophenol	ND	.357	ND	Q2C7772
Pentachloroethane	ND	.357	ND	Q2C7772
Phenanthrene	.368	.357	ND	Q2C7772
Phenol	ND	.357	ND	Q2C7772
Pronamide	ND	.357	ND	Q2C7772
Pyrene	ND	.357	ND	Q2C7772
Pyridine	ND	.357	ND	Q2C7772
1,2,4,5-Tetrachlorobenzene	ND	.357	ND	Q2C7772
2,3,4,6-Tetrachlorophenol	ND	.357	ND	Q2C7772
1,2,4-Trichlorobenzene	ND	.357	ND	Q2C7772
2,4,5-Trichlorophenol	ND	.357	ND	Q2C7772
2,4,6-Trichlorophenol	ND	.357	ND	Q2C7772

3-Methyl- and 4-Methylphenol coelute and are reported as the total

TOTAL VOLATILE ANALYSIS, MS, (MV00)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	C5706	JK8654

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Acetone	.057	.020	ND	Q2D2739
Acrolein	ND	.099	ND	Q2D2739
Acrylonitrile	ND	.050	ND	Q2D2739
Benzene	ND	.020	ND	Q2D2739
Bromoform	ND	.020	ND	Q2D2739
Carbon disulfide	ND	.020	ND	Q2D2739
Carbon tetrachloride	ND	.020	ND	Q2D2739
Chlorobenzene	ND	.020	ND	Q2D2739
Chlorodibromomethane	ND	.020	ND	Q2D2739
Chloroethane	ND	.020	ND	Q2D2739
Chloroform	ND	.020	ND	Q2D2739
2-Chloroethylvinyl ether	ND	.020	ND	Q2D2739
3-Chloropropene	ND	.020	ND	Q2D2739
1,2-Dibromo-3-chloropropane	ND	.020	ND	Q2D2739
Dichlorobromomethane	ND	.020	ND	Q2D2739
Dichlorodifluoromethane	ND	.020	ND	Q2D2739
1,1-Dichloroethane	ND	.020	ND	Q2D2739
1,2-Dichloroethane	ND	.020	ND	Q2D2739
1,1-Dichloroethylene	ND	.020	ND	Q2D2739
1,2-Dichloropropane	ND	.020	ND	Q2D2739
cis-1,3-Dichloropropylene	ND	.020	ND	Q2D2739
trans-1,3-Dichloropropylene	ND	.020	ND	Q2D2739
Dibromomethane	ND	.020	ND	Q2D2739
Ethylbenzene	ND	.020	ND	Q2D2739
Ethylene dibromide	ND	.020	ND	Q2D2739
Ethyl acetate	ND	.198	ND	Q2D2739
Ethyl ether	ND	.020	ND	Q2D2739
2-Hexanone	ND	.020	ND	Q2D2739
Iodomethane	ND	.020	ND	Q2D2739
Methyl bromide	ND	.020	ND	Q2D2739
Methyl chloride	ND	.020	ND	Q2D2739
Methylene chloride	ND	.020	ND	Q2D2739
Methyl ethyl ketone	ND	.040	ND	Q2D2739
Methyl-iso-butyl ketone	ND	.040	ND	Q2D2739
Styrene	ND	.020	ND	Q2D2739
1,1,1,2-Tetrachloroethane	ND	.020	ND	Q2D2739
1,1,2,2-Tetrachloroethane	ND	.020	ND	Q2D2739
Tetrachloroethylene	ND	.020	ND	Q2D2739
Tetrahydrofuran	ND	.020	ND	Q2D2739
Toluene	ND	.020	ND	Q2D2739
1,1,1-Trichloroethane	ND	.020	ND	Q2D2739
1,1,2-Trichloroethane	ND	.020	ND	Q2D2739
Trichloroethylene	ND	.020	ND	Q2D2739
1,2-Trans-dichloroethylene	ND	.020	ND	Q2D2739
Trichlorofluoromethane	ND	.020	ND	Q2D2739
1,2,3-Trichloropropane	ND	.020	ND	Q2D2739
1,1,2-Trichlorotrifluoroethane	ND	.040	ND	Q2D2739
Vinyl acetate	ND	.099	ND	Q2D2739
Vinyl chloride	ND	.020	ND	Q2D2739
Xylenes	ND	.020	ND	Q2D2739

RCRA TCLP LEACHATE METALS ANALYSIS, (ME52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	C5706	JK8654

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
Arsenic	ND	-	.100	ND	Q7M2826	99
Barium	ND	-	.100	ND	Q7M2826	94
Cadmium	ND	-	.005	ND	Q7M2826	100
Chromium	ND	-	.020	ND	Q7M2826	105
Lead	ND	-	.100	ND	Q7M2826	99
Mercury	.002	.002	.001	ND	Q7G2814	101
Selenium	ND	-	.100	ND	Q7M2826	100
Silver	ND	-	.020	ND	Q7M2826	97

RCRA TCLP Leachate Base/Neutral/Acid Analysis, MS, (MS52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	C5706	JK8654

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
2,4-Dinitrotoluene	ND	-	.100	ND	Q7C7799	70
Hexachlorobenzene	ND	-	.100	ND	Q7C7799	98
Hexachloroethane	ND	-	.100	ND	Q7C7799	47
Hexachlorobutadiene	ND	-	.100	ND	Q7C7799	52
Lindane	ND	-	.100	ND	Q7C7799	98
Methoxychlor	ND	-	.100	ND	Q7C7799	106
2-Methylphenol	ND	-	.100	ND	Q7C7799	84
4-Methylphenol	ND	-	.100	ND	Q7C7799	87
Nitrobenzene	ND	-	.100	ND	Q7C7799	79
Pentachlorophenol	ND	-	.100	ND	Q7C7799	85
Pyridine	ND	-	.100	ND	Q7C7799	62
2,4,5-Trichlorophenol	ND	-	.100	ND	Q7C7799	92
2,4,6-Trichlorophenol	ND	-	.100	ND	Q7C7799	85

3-Methyl- and 4-Methylphenol coelute and are reported as the total

RCRA TCLP LEACHATE (ZHE) VOLATILE ANALYSIS, MS, (MV50)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	C5706	JK8654

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
Benzene	ND	-	.125	ND	Q7V2727	94
Carbon tetrachloride	ND	-	.125	ND	Q7V2727	143
Chlorobenzene	ND	-	.125	ND	Q7V2727	97
Chloroform	ND	-	.125	ND	Q7V2727	93
1,4-Dichlorobenzene	ND	-	.125	ND	Q7V2727	92
1,2-Dichloroethane	ND	-	.125	ND	Q7V2727	91
1,1-Dichloroethylene	ND	-	.125	ND	Q7V2727	80
Methyl ethyl ketone	ND	-	.250	ND	Q7V2727	80
Tetrachloroethylene	ND	-	.125	ND	Q7V2727	98
Trichloroethylene	ND	-	.125	ND	Q7V2727	90
Vinyl chloride	ND	-	.125	ND	Q7V2727	84

APPENDIX C

QUALITY ASSURANCE DATA

SUMMARY OF ANALYTICAL METHODOLOGY

Parameter	Reference	Method
Conventionals		
RCRA Characteristics		
pH	SW-846	9041
Reactive Sulfide	SW-846	7.3.4.2
Flash Point, Seta Flash	SW-846	1020
Reactive Cyanide	SW-846	7.3.3.2
Organics		
Volatile Compounds by GC/MS	SW-846	8240
Semi-volatile Compounds by GC/MS	SW-846	8270
Polychlorinated Biphenyls (PCBs) by GC	SW-846	8080
RCRA TCLP		
Leachate Preparation	SW-846	1311
Metals (except mercury)	SW-846	6010
Mercury by Cold Vapor	SW-846	7470
Semi-volatile Compounds by GC/MS	SW-846	8270
Volatile Compounds by GC/MS	SW-846	8240

METHODOLOGY REFERENCES

ASTM	*American Society for Testing and Materials*, 1985, edition.
CAWW	*Methods for Chemical Analysis of Water and Wastes*, April 1979 and Updated #1 March 1983.
CLP	*USEPA Contract Laboratory Program*, Document #OLMO1.0, updates December 1990 #OLMO1.1 and February 1991 #OLMO1.1.1.
NIOSH	*National Institute for Occupational Safety and Health*, 3rd edition, 1984.
SMEWW	*Standard Methods for the Examination of Water and Wastewater*, 17th edition, 1989.
STOA	*Spot Tests In Organic Analysis*, 7th edition, 1966.
SW-846	*Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods*, 3rd edition, September 1986 and Updated #1 January 1989.
(1)	This method was modified to incorporate the use of Boron Trifluoride (BF3) as the derivatizing reagent according to Method 509B in *SMEWW*, 17th edition, 1989.
Title 22	*Waste Extraction Test*, Title 22, Section 66261.126 Appendix 2 of the California Administrative Code, May 1991.

REPORT KEY

mg/kg	= milligram per kilogram (ppm)
Mg/m^3	= milligram per cubic meter
ug/kg	= microgram per kilogram (ppb)
mg/L	= milligram per liter (ppm)
mg/W	= milligram per wipe
ug/L	= microgram per liter (ppb)
ug/W	= microgram per wipe
ug/S	= microgram per sample
um/cm	= microMho per centimeter
pCi/l	= picocurie per liter
ppm	= parts per million
ppb	= parts per billion
ND	= Not detected at or above stated detection limit
<	= less than
>	= greater than
%	= percent
BTU/lb	= British Thermal Units per pound
Deg. C	= Degrees Celsius
gm/cc	= grams per cubic centimeter
n/a	= not applicable
std	= result is relative to standard pH units
CV	= Conventionals
IR	= Infrared Spectrophotometric
GC	= Gas Chromatograph Instrument
GC/MS	= Gas Chromatography/Mass Spectrometer Instrument
GRO	= Gasoline Range Organics
DRO	= Diesel Range Organics
PCB	= Polychlorinated Biphenyls (PCBs)
EP TOX	= Extraction Procedure Toxicity
TCLP	= Toxicity Characteristic Leaching Procedure
RCRA	= Resource Conservation and Recovery Act

ASC Certifications

State	Agency	Certification #
Alabama	ADEM	40830
California	CADOH	1178
Colorado	CODOH	OH113
Delaware	DEHSS	OH113
Kansas	KSDHE	E-202 & E-1173
Louisiana	LADOHH	92-10
Maryland	MADHMH	210
Massachusetts	MADEP	OH113
New Jersey	NJDEP	74603
New York	NYDOH	10712
North Carolina	NCDEM	392
Ohio	OHEPA	OH113
Oklahoma	ODEQ	9216
Pennsylvania	PADER	68-450
South Carolina	SCDEH	92002
Tennessee	TNDOH	2978
Virginia	VADGS	00011
Washington	WADOE	C154
Wisconsin	WIDNR	999037160

Validated by:

- US Army Corps of Engineers

Approvals:

- Waste Characterization Analysis
  - Chemical Waste Management
  - Envirosafe
- Permit for Importing Soils
  - USDA

QUALITY ASSURANCE DATA

CONVENTIONAL DATA (CV10)

Compounds		Blank Results	Blank Spike Recov	Unspiked Sample Results	Matrix Spike Recov	Relative Percent Diff	Batch Number
Reactive Cyanide	mg/kg	ND	84	-	-	-	Q2I1791
Reactive Sulfide	mg/kg	ND	79	-	-	-	Q2I1814

QUALITY ASSURANCE DATA

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Compounds	Blank Results mg/kg	Blank Spike Recov	Unspiked Sample Results mg/kg	Matrix Spike Recov	Relative Percent Diff	Batch Number
Aroclor 1248	ND	79	ND	82	4	Q2P7776

QUALITY ASSURANCE DATA

TOTAL BASE/NEUTRAL/ACID ANALYSIS, MS, (MS02)

Compounds	Blank Results mg/kg	Blank Spike Recov	Unspiked Sample Results mg/kg	Matrix Spike Recov	Relative Percent Diff	Batch Number
Acenaphthene	ND	68	ND	76	25	Q2C7772
p-Chloro-m-cresol	ND	71	ND	79	22	Q2C7772
2-Chlorophenol	ND	73	ND	73	29	Q2C7772
Cyclohexanone	ND	73	ND	68	27	Q2C7772
Di-n-butyl phthalate	ND	83	ND	92	22	Q2C7772
1,4-Dichlorobenzene	ND	68	ND	68	27	Q2C7772
2,4-Dinitrotoluene	ND	64	ND	73	19	Q2C7772
2-Methylphenol	ND	60	ND	58	31	Q2C7772
N-Nitrosodi-n-propylamine	ND	72	ND	64	30	Q2C7772
4-Nitrophenol	ND	52	ND	75	12	Q2C7772
Pentachlorophenol	ND	67	ND	77	25	Q2C7772
Phenol	ND	70	ND	74	27	Q2C7772
Pyrene	ND	83	ND	91	20	Q2C7772
1,2,4-Trichlorobenzene	ND	69	ND	74	28	Q2C7772

3-Methyl- and 4-Methylphenol coelute and are reported as the total

QUALITY ASSURANCE DATA

TOTAL VOLATILE ANALYSIS, MS, (MV00)

Compounds	Blank Results mg/kg	Blank Spike Recov	Unspiked Sample Results mg/kg	Matrix Spike Recov	Relative Percent Diff	Batch Number
Acetone	ND	82	.040	88	16	Q2D2739
Acrolein	ND	121	ND	80	27	Q2D2739
Acrylonitrile	ND	100	ND	113	4	Q2D2739
Benzene	ND	97	ND	99	5	Q2D2739
Bromoform	ND	107	ND	89	2	Q2D2739
Carbon disulfide	ND	97	ND	88	6	Q2D2739
Carbon tetrachloride	ND	97	ND	93	3	Q2D2739
Chlorobenzene	ND	96	ND	96	3	Q2D2739
Chlorodibromomethane	ND	108	ND	96	2	Q2D2739
Chloroethane	ND	125	ND	90	39	Q2D2739
Chloroform	ND	97	ND	95	1	Q2D2739
2-Chloroethylvinyl ether	ND	100	ND	111	1	Q2D2739
3-Chloropropene	ND	98	ND	99	2	Q2D2739
1,2-Dibromo-3-chloropropane	ND	106	ND	92	6	Q2D2739
Dichlorobromomethane	ND	103	ND	102	1	Q2D2739
Dichlorodifluoromethane	ND	92	ND	96	4	Q2D2739
1,1-Dichloroethane	ND	98	ND	99	1	Q2D2739
1,2-Dichloroethane	ND	99	ND	99	1	Q2D2739
1,1-Dichloroethylene	ND	96	ND	92	7	Q2D2739
1,2-Dichloropropane	ND	98	ND	103	5	Q2D2739
cis-1,3-Dichloropropylene	ND	101	ND	98	1	Q2D2739
trans-1,3-Dichloropropylene	ND	100	ND	96	1	Q2D2739
Dibromomethane	ND	99	ND	98	1	Q2D2739
Ethylbenzene	ND	96	ND	97	3	Q2D2739
Ethylene dibromide	ND	102	ND	103	1	Q2D2739
Ethyl acetate	ND	96	ND	98	2	Q2D2739
Ethyl ether	ND	102	ND	106	6	Q2D2739
2-Hexanone	ND	99	ND	136	8	Q2D2739
Iodomethane	ND	97	ND	100	1	Q2D2739
Methyl bromide	ND	100	ND	97	10	Q2D2739
Methyl chloride	ND	88	ND	97	7	Q2D2739
Methylene chloride	ND	88	.01	93	2	Q2D2739
Methyl ethyl ketone	ND	87	ND	129	17	Q2D2739
Methyl-iso-butyl ketone	ND	96	ND	108	10	Q2D2739
Styrene	ND	97	ND	91	1	Q2D2739
1,1,1,2-Tetrachloroethane	ND	102	ND	104	2	Q2D2739
1,1,2,2-Tetrachloroethane	ND	100	ND	96	2	Q2D2739
Tetrachloroethylene	ND	96	ND	96	1	Q2D2739
Tetrahydrofuran	ND	95	ND	111	1	Q2D2739
Toluene	ND	92	ND	101	2	Q2D2739
1,1,1-Trichloroethane	ND	98	ND	99	5	Q2D2739
1,1,2-Trichloroethane	ND	101	ND	103	2	Q2D2739
Trichloroethylene	ND	95	ND	98	2	Q2D2739
1,2-Trans-dichloroethylene	ND	100	ND	103	1	Q2D2739
Trichlorofluoromethane	ND	105	ND	98	8	Q2D2739
1,2,3-Trichloropropane	ND	96	ND	108	3	Q2D2739
1,1,2-Trichlorotrifluoroethane	ND	78	ND	74	3	Q2D2739
Vinyl acetate	ND	95	ND	29	-	Q2D2739
Vinyl chloride	ND	97	ND	103	4	Q2D2739
Xylenes	ND	64	ND	66	1	Q2D2739

QUALITY ASSURANCE DATA

RCRA TCLP LEACHATE METALS ANALYSIS, (ME52)

Compounds	Blank Results mg/L	Blank Spike Recov	Unspiked Sample Results mg/L	Matrix Spike Recov	Relative Percent Diff	Batch Number
Arsenic	ND	99	ND	99	4	Q7M2826
Barium	ND	100	2.43	94	10	Q7M2826
Cadmium	ND	106	ND	100	4	Q7M2826
Chromium	ND	111	.086	105	4	Q7M2826
Lead	ND	105	.566	99	6	Q7M2826
Mercury	ND	102	ND	101	8	Q7G2814
Selenium	ND	101	ND	100	8	Q7M2826
Silver	ND	98	ND	97	1	Q7M2826

QUALITY ASSURANCE DATA

RCRA TCLP LEACHATE BASE/NEUTRAL/ACID ANALYSIS, MS, (MS52)

Compounds	Blank Results mg/L	Blank Spike Recov	Unspiked Sample Results mg/L	Matrix Spike Recov	Relative Percent Diff	Batch Number
2,4-Dinitrotoluene	ND	59	ND	67	3	Q7C7799
Hexachlorobenzene	ND	103	ND	94	3	Q7C7799
Hexachloroethane	ND	62	ND	47	9	Q7C7799
Hexachlorobutadiene	ND	79	ND	52	3	Q7C7799
Lindane	ND	93	ND	101	5	Q7C7799
Methoxychlor	ND	87	ND	82	7	Q7C7799
2-Methylphenol	ND	78	ND	79	8	Q7C7799
4-Methylphenol	ND	83	ND	84	8	Q7C7799
Nitrobenzene	ND	83	ND	78	9	Q7C7799
Pentachlorophenol	ND	87	ND	96	3	Q7C7799
Pyridine	ND	62	ND	61	10	Q7C7799
2,4,5-Trichlorophenol	ND	84	ND	93	2	Q7C7799
2,4,6-Trichlorophenol	ND	83	ND	87	1	Q7C7799

3-Methyl- and 4-Methylphenol coelute and are reported as the total

QUALITY ASSURANCE DATA

RCRA TCLP LEACHATE (ZHE) VOLATILE ANALYSIS, MS, (MV50)

Compounds	Blank Results mg/L	Blank Spike Recov	Unspiked Sample Results mg/L	Matrix Spike Recov	Relative Percent Diff	Batch Number
Benzene	ND	101	ND	94	2	Q7V2727
Carbon tetrachloride	ND	151	ND	143	13	Q7V2727
Chlorobenzene	ND	99	ND	97	2	Q7V2727
Chloroform	ND	95	ND	93	2	Q7V2727
1,4-Dichlorobenzene	ND	93	ND	92	1	Q7V2727
1,2-Dichloroethane	ND	92	ND	91	1	Q7V2727
1,1-Dichloroethylene	ND	83	ND	80	2	Q7V2727
Methyl ethyl ketone	ND	86	ND	80	1	Q7V2727
Tetrachloroethylene	ND	101	ND	98	1	Q7V2727
Trichloroethylene	ND	97	ND	90	2	Q7V2727
Vinyl chloride	ND	87	ND	84	1	Q7V2727

QUALITY ASSURANCE DATA
SURROGATE SUMMARY REPORT

SURROGATE ID	A159	B732	A121	A884	A158	B142	# OUT
QC BATCH: Q2C7772 Solid (Semi-Volatile organics by MS)							
SAMPLE ID							
09A MD	79	78	75	84	93	92	0
09A MS	71	72	76	77	87	92	0
BLANK	60	63	51	65	73	75	0
BLANK SPIKE	68	67	61	70	77	81	0
C5706	52	58	69	60	63	73	0
QC LIMITS	(25-121)	(24-113)	(19-122)	(23-120)	(30-115)	(18-137)	
QC BATCH: Q7C7799 Leachate (Semi-Volatile organics by MS)							
SAMPLE ID							
BLANK	85	76	85	98	102	22	0
BLANK SPIKE	73	68	79	96	84	84	0
C5693 MD	77	72	80	99	87	91	0
C5693 MS	71	67	82	92	86	91	0
C5706	72	66	75	83	83	91	0
C5706 MS	77	72	86	93	83	91	0
COMP-04 MS	85	87	35	103	72	98	0
QC LIMITS	(25-121)	(24-113)	(19-122)	(23-120)	(30-115)	(18-137)	

SURROGATE ID	A047	B185	B668	F049	# OUT
QC BATCH: Q2D2729 Solid (Volatile organics by MS)					
SAMPLE ID					
BLANK		96	98	93	0
BLANK SPIKE		101	99	101	0
C5706		100	96	92	0
QC LIMITS	(25-121)	(81-117)	(74-121)	(30-130)	
QC BATCH: Q2D2739 Solid (Volatile organics by MS)					
SAMPLE ID					
001 MD	98	109	87	92	0
001 MS	94	101	83	92	0
BLANK	93	90	92	92	0
BLANK SPIKE	96	93	94	92	0
C5706	103	96	93	92	0
QC LIMITS	(70-121)	(81-117)	(74-121)	(30-130)	

SURROGATE ID

A047 = 1,2-Dichloroethane-D4
B185 = Toluene-D8
B668 = Bromofluorobenzene
A159 = 2-Fluorophenol
B732 = Phenol-D6
A121 = 2,4,6-Tribromophenol
A884 = Nitrobenzene-D5
A158 = 2-Fluorobiphenyl
B142 = Terphenyl-D14
F049 = Dibromofluoromethane

* Values outside of method quality control limits
D Surrogate diluted out

It is ASC's laboratory policy to allow one surrogate per sample fraction (acid, base-neutral or pesticide) to exceed the stated QC limits. This policy is based upon the USEPA SOW for the Contract Laboratory Program (CLP).

QUALITY ASSURANCE DATA
SURROGATE SUMMARY REPORT

QC BATCH: Q7V2727 Leachate (Volatile organics by MS)

SURROGATE ID	A047	B185	B668	# OUT
SAMPLE ID				
372-1 MS	105	104	111	0
A-20 MD	99	102	105	0
A-20 MS	105	112	116	0
A-23 MS	113	102	106	0
BLANK	102	107	112	0
BLANK SPIKE	103	109	113	0
C5706	103	97	106	0
P02 MS	114	104	107	0
QC LIMITS	(70-121)	(81-117)	(74-121)	

SURROGATE ID

A047 = 1,2-Dichloroethane-D4
B185 = Toluene-D8
B668 = Bromofluorobenzene
A159 = 2-Fluorophenol
B732 = Phenol-D6
A121 = 2,4,6-Tribromophenol
A884 = Nitrobenzene-D5
A158 = 2-Fluorobiphenyl
B142 = Terphenyl-D14
F049 = Dibromofluoromethane

* Values outside of method quality control limits
D Surrogate diluted out

It is ASC's laboratory policy to allow one surrogate per sample fraction (acid, base-neutral or pesticide) to exceed the stated QC limits. This policy is based upon the USEPA SOW for the Contract Laboratory Program (CLP).

APPENDIX D

CHAIN-OF-CUSTODY RECORD(S)

OHM Corporation

CHAIN-OF-CUSTODY RECORD

Form 0019
Field Technical Services
Rev. 08/89

No. 88464

O.H. MATERIALS CORP. • P.O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

PROJECT NAME: NL/ DUTCH BOY - 14296

PROJECT LOCATION:

PROJ. NO.: 14296

PROJECT CONTACT: R. HEPYON / M. GUISSE

PROJECT TELEPHONE NO.: 609-588-6344

CLIENT'S REPRESENTATIVE:

PROJECT MANAGER/SUPERVISOR: D. LEADENHAM

ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS): CN - Compatability

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	REMARKS
1	254	06/4 93			X	CYANIDE MIXTURE, DRY	1-32 oz.	Confirm (Y/N) compatability results 1/2 full
2								
3								
4								
5								
6								
7								
8								
9								
10								

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1	R. LYNCH	AIRBORNE EXPRESS 52[illegible]61 012	06/4 93	1500
2	1	Airborne	[signature]	6/5 93	1335
3					
4					

REMARKS: 14-DAY TAT

SAMPLER'S SIGNATURE: Robert Lynch

LABORATORY

IM Corporation

CHAIN-OF-CUSTODY RECORD

Form 0019
Field Technical Services
Rev. 08.89

No. 88466

D.H. MATERIALS CORP. • P.O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

OJECT NAME: NL/DUTCH BOY	PROJECT LOCATION: PERTH AMBOY, NJ
OJ. NO.: 14296	PROJECT CONTACT: R. MENYOW / M. GOISSE
	PROJECT TELEPHONE NO.: 609-588-6344
IENT'S REPRESENTATIVE	PROJECT MANAGER/SUPERVISOR: D. LEADENHAM

SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ASBESTOS	CYANIDE	VOL TOT (8240)	BNA TOT (8270)	ELCA CHARACTERIZATION	PCBS-FULL	TCLP-FULL	TCLP-METALS, VOA, BNA	REMARKS
105	0610 93			X	SOLID	1-32 GLASS	X								7-DAY TAT
111	11			X	SOLID	11	X								7-DAY TAT
Comp-(10)	0610 93		X		SOLID COMPOSITE OF NOS. 229, 242, 251, 255			X							
Comp-01	0611 93		X		AQUEOUS LIQUID				X	X	X	X			
Comp-02	0611 93		X		AQUEOUS SOLID						X	X	X		
Comp-06	0611 93		X		BASE AQUEOUS SOLID						X	X	X		
Comp-08	0611 93		X		ORGANIC SOLID (NON-FLAM)				X	X	X	X	X	X	~~[illegible]~~ delete
Comp-07	0611 93		X		CLEAR LIQ				X	X	X	X			

NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
	1-8	R. LYNCH	AIRBORNE EXPRESS 526 016 012	0614 93	1700
	1-8	Fedex		6-12 93	1125

REMARKS: 14-DAY TAT

SAMPLER'S SIGNATURE: Robert Lynch

LAB COPY

OHM Corporation

CHAIN-OF-CUSTODY RECORD

Form 0019
Field Technical Services
Rev. 08/89

№ 118141

O.H. MATERIALS CORP. • P.O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

PROJECT NAME	PROJECT LOCATION
PROJ. NO. 14294 / PROJECT CONTACT	PROJECT TELEPHONE NO.
CLIENT'S REPRESENTATIVE	PROJECT MANAGER/SUPERVISOR

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS)	REMARKS
1	C-5704	7.1.93	10:30	✓		comp. 10, 25'	1/2 gal		
2									
3									
4									
5									
6									
7									
8									
9									
10									

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1	Cindy Kadler	OHM/R. Wyn	7.1.93	11:30
2					
3					
4					

REMARKS

SAMPLER'S SIGNATURE

TRANSFER 3

Analytical Services Corp.

ANALYTICAL REPORT

Client: OHM Remediation Services Corporation
Northeast Region

Attn: Dave Leadenham
Ron Kenyon

Project: 14296 - NL/Dutch Boy, Perth Amboy, NJ

Sample(s): 021, 053, 105, 111, 114, 136, 162, 191, 210, 232, 246 through 248, COMP-01 through COMP-10

Sample Type(s): Liquids, Organic Liquids and Solids

Analysis Performed: Conventionals, RCRA Characteristics, Organics and RCRA TCLP Leachate Parameters

Date Sample Received: June 15 and 17, 1993

Date Order Received: June 15 and 17, 1993

Joblink(s): 613039 and 613060

This report is "PROPRIETARY AND CONFIDENTIAL" and delivered to, and intended for the exclusive use of the above named client only. Analytical Services Corporation assumes no responsibility or liability for the reliance hereon or use hereof by anyone other than the above named client.

Reviewed and Approved by: Joseph A. Hnatow for *Thomas E. Gran, Ph.D., Vice President* *Date:* 7-13-93

16406 U.S. Route 224 East ■ P.O. Box 1404 ■ Findlay, Ohio 45839-1404 ■ 419-423-3526

PROJECT NARRATIVE

The following items relate to the samples and analytical data contained in this report.

- All solids sample results are reported on an as received "wet weight" basis, except PCBs which are reported on a "dry weight" basis.
- Note any and all comments at the bottom of the tables in Appendix B and/or Appendix C.
- **ASC** will retain samples for a maximum of thirty (30) days after completion of the analysis, samples will be held for a longer period of time, if appropriate arrangements are made in advance. A nominal disposal charge of $5.00/ sample will be imposed for unreturned samples.
- The Asbestos analysis was subcontracted to Larron Laboratory.

APPENDIX A

DATA SUMMARY REPORT

NOTE: The GC/MS screen data, if applicable, is included in Appendix B.

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: COMP-10
ASC Sample Number: JK7558
Sample Date: 930611
Facility Code: 014296

Parameters	Units	
Conventional Data (CV10)		
Cyanide, Total	mg/kg	<.485

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

	Sample Point ID:	COMP-01	247
	ASC Sample Number:	JK7559	JK7561
	Sample Date:	930611	930611
	Facility Code:	014296	014296
Parameters	Units		
Conventional Data (CV10)			
Flash Point, Seta Flash 60	Deg C	>60	>60
Reactive Cyanide	mg/L	<10.0	<10.0
Reactive Sulfide	mg/L	<10.0	<10.0
pH (Test Strip)	std	4	13
Priority Pollutant PCB Analysis, GC, (GS13)			
Aroclor 1016	mg/L	<.500	<2.00
Aroclor 1221	mg/L	<.500	<2.00
Aroclor 1232	mg/L	<.500	<2.00
Aroclor 1242	mg/L	<.500	<2.00
Aroclor 1248	mg/L	<.500	<2.00
Aroclor 1254	mg/L	<.500	<2.00
Aroclor 1260	mg/L	<.500	<2.00
Total Base/Neutral/Acid Analysis, MS, (MS02)			
Acenaphthene	mg/L	<100	<20.0
Acenaphthylene	mg/L	<100	<20.0
Anthracene	mg/L	<100	<20.0
Benzidine	mg/L	<100	<20.0
Benzoic acid	mg/L	1380	<50.0
Benzyl alcohol	mg/L	<100	<20.0
Benzo(a)anthracene	mg/L	<100	<20.0
Benzo(b)fluoranthene	mg/L	<100	<20.0
Benzo(k)fluoranthene	mg/L	<100	<20.0
Benzo(ghi)perylene	mg/L	<100	<20.0
Benzo(a)pyrene	mg/L	<100	<20.0
bis(2-Chloroethoxy)ethane	mg/L	<100	<20.0
bis(2-Chloroethyl) ether	mg/L	<100	<20.0
bis(2-Chloroethoxy)methane	mg/L	<100	<20.0
bis(2-Chloroisopropyl)ether	mg/L	<100	<20.0
bis(2-Ethylhexyl)phthalate	mg/L	<100	<20.0
4-Bromophenyl phenyl ether	mg/L	<100	<20.0
Butyl benzyl phthalate	mg/L	<100	<20.0
Carbazole	mg/L	<100	<20.0
4-Chloroaniline	mg/L	<100	<20.0

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

	Sample Point ID:	COMP-01	247
	ASC Sample Number:	JK7559	JK7561
	Sample Date:	930611	930611
	Facility Code:	014296	014296
Parameters	Units		
Total Base/Neutral/Acid Analysis, MS, (MS02)			
p-Chloro-m-cresol	mg/L	<100	<20.0
2-Chloronaphthalene	mg/L	<100	<20.0
2-Chlorophenol	mg/L	<100	<20.0
4-Chlorophenyl phenyl ether	mg/L	<100	<20.0
3-Chloropropionitrile	mg/L	<100	<20.0
Chrysene	mg/L	<100	<20.0
Cyclohexanone	mg/L	<100	<20.0
Dibenzo(a,h)anthracene	mg/L	<100	<20.0
Dibenzofuran	mg/L	<100	<20.0
Di-n-butyl phthalate	mg/L	<100	<20.0
1,2-Dichlorobenzene	mg/L	<100	<20.0
1,3-Dichlorobenzene	mg/L	<100	<20.0
1,4-Dichlorobenzene	mg/L	<100	<20.0
3,3'-Dichlorobenzidine	mg/L	<100	<20.0
2,4-Dichlorophenol	mg/L	<100	<20.0
2,6-Dichlorophenol	mg/L	<100	<20.0
Diethyl phthalate	mg/L	<100	<20.0
Dimethyl phthalate	mg/L	<100	<20.0
2,4-Dimethylphenol	mg/L	<100	<20.0
4,6-Dinitro-o-cresol	mg/L	<250	<50.0
2,4-Dinitrophenol	mg/L	<500	<100
2,4-Dinitrotoluene	mg/L	<100	<20.0
2,6-Dinitrotoluene	mg/L	<100	<20.0
Di-n-octyl phthalate	mg/L	<100	<20.0
2-Ethoxyethanol	mg/L	<1500	<300
Fluoranthene	mg/L	<100	<20.0
Fluorene	mg/L	<100	<20.0
Hexachlorobenzene	mg/L	<100	<20.0
Hexachlorobutadiene	mg/L	<100	<20.0
Hexachlorocyclopentadiene	mg/L	<100	<20.0
Hexachloroethane	mg/L	<100	<20.0
Hexachloropropene	mg/L	<100	<20.0
Indeno(1,2,3-c,d)pyrene	mg/L	<100	<20.0
Isophorone	mg/L	<100	<20.0
4,4'-Methylenebis(2-chloroani-	mg/L	<100	<20.0

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

	Sample Point ID:	COMP-01	247
	ASC Sample Number:	JK7559	JK7561
	Sample Date:	930611	930611
	Facility Code:	014296	014296
Parameters	Units		
Total Base/Neutral/Acid Analysis, MS, (MS02)			
line)			
2-Methylnaphthalene	mg/L	<100	<20.0
2-Methylphenol	mg/L	<100	<20.0
4-Methylphenol	mg/L	<100	<20.0
2-Nitropropane	mg/L	<100	<20.0
N-Nitrosodimethylamine	mg/L	<100	<20.0
N-Nitrosodi-n-propylamine	mg/L	<100	<20.0
N-Nitrosodiphenylamine	mg/L	<100	<20.0
Naphthalene	mg/L	<100	<20.0
2-Nitroaniline	mg/L	<100	<20.0
3-Nitroaniline	mg/L	<100	<20.0
4-Nitroaniline	mg/L	<100	<20.0
Nitrobenzene	mg/L	<100	<20.0
2-Nitrophenol	mg/L	<100	<20.0
4-Nitrophenol	mg/L	<500	<100
Pentachlorobenzene	mg/L	<100	<20.0
Pentachloronitrobenzene	mg/L	<100	<20.0
Pentachlorophenol	mg/L	<100	<20.0
Pentachloroethane	mg/L	<100	<20.0
Phenanthrene	mg/L	<100	<20.0
Phenol	mg/L	<100	<20.0
Pronamide	mg/L	<100	<20.0
Pyrene	mg/L	<100	<20.0
Pyridine	mg/L	<100	<20.0
1,2,4,5-Tetrachlorobenzene	mg/L	<100	<20.0
2,3,4,6-Tetrachlorophenol	mg/L	<100	<20.0
1,2,4-Trichlorobenzene	mg/L	<100	<20.0
2,4,5-Trichlorophenol	mg/L	<100	<20.0
2,4,6-Trichlorophenol	mg/L	<100	<20.0

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

	Sample Point ID:	COMP-01	247
	ASC Sample Number:	JK7559	JK7561
	Sample Date:	930611	930611
	Facility Code:	014296	014296
Parameters	Units		
Total Volatile Analysis, MS, (MV00)			
Acetone	mg/L	.098	<2.50
Acrolein	mg/L	<.250	<12.5
Acrylonitrile	mg/L	<.125	<6.25
Benzene	mg/L	.802	<2.50
Bromoform	mg/L	<.050	<2.50
Carbon disulfide	mg/L	<.050	<2.50
Carbon tetrachloride	mg/L	<.050	<2.50
Chlorobenzene	mg/L	<.050	<2.50
Chlorodibromomethane	mg/L	<.050	<2.50
Chloroethane	mg/L	<.050	<2.50
Chloroform	mg/L	<.050	<2.50
2-Chloroethylvinyl ether	mg/L	<.050	<2.50
3-Chloropropene	mg/L	<.050	<2.50
1,2-Dibromo-3-chloropropane	mg/L	<.050	<2.50
Dichlorobromomethane	mg/L	<.050	<2.50
Dichlorodifluoromethane	mg/L	<.050	<2.50
1,1-Dichloroethane	mg/L	<.050	<2.50
1,2-Dichloroethane	mg/L	<.050	<2.50
1,1-Dichloroethylene	mg/L	<.050	<2.50
1,2-Dichloropropane	mg/L	<.050	<2.50
cis-1,3-Dichloropropylene	mg/L	<.050	<2.50
trans-1,3-Dichloropropylene	mg/L	<.050	<2.50
Dibromomethane	mg/L	<.050	<2.50
Ethylbenzene	mg/L	<.050	<2.50
Ethylene dibromide	mg/L	<.050	<2.50
Ethyl acetate	mg/L	<.500	<25.0
Ethyl ether	mg/L	<.050	<2.50
2-Hexanone	mg/L	<.050	<2.50
Iodomethane	mg/L	<.050	<2.50
Methyl bromide	mg/L	<.050	<2.50
Methyl chloride	mg/L	<.050	<2.50
Methylene chloride	mg/L	.092	<2.50
Methyl ethyl ketone	mg/L	<.100	<5.00
Methyl-iso-butyl ketone	mg/L	<.100	<5.00
Styrene	mg/L	<.050	<2.50

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

	Sample Point ID:	COMP-01	247
	ASC Sample Number:	JK7559	JK7561
	Sample Date:	930611	930611
	Facility Code:	014296	014296
Parameters	Units		
Total Volatile Analysis, MS, (MV00)			
1,1,1,2-Tetrachloroethane	mg/L	<.050	<2.50
1,1,2,2-Tetrachloroethane	mg/L	<.050	<2.50
Tetrachloroethylene	mg/L	<.050	<2.50
Tetrahydrofuran	mg/L	<.050	<2.50
Toluene	mg/L	.810	<2.50
1,1,1-Trichloroethane	mg/L	.079	<2.50
1,1,2-Trichloroethane	mg/L	<.050	<2.50
Trichloroethylene	mg/L	.055	<2.50
1,2-Trans-dichloroethylene	mg/L	<.050	<2.50
Trichlorofluoromethane	mg/L	<.050	<2.50
1,2,3-Trichloropropane	mg/L	<.050	<2.50
1,1,2-Trichlorotrifluoroethane	mg/L	<.100	<5.00
Vinyl acetate	mg/L	<.250	<12.5
Vinyl chloride	mg/L	<.050	<2.50
Xylenes	mg/L	<.050	<2.50

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: COMP-07
ASC Sample Number: JK7560
Sample Date: 930611
Facility Code: 014296

Parameters	Units	
Conventional Data (CV10)		
Flash Point, Seta Flash 60	Deg C	>60
Reactive Cyanide	mg/kg	<10.0
Reactive Sulfide	mg/kg	<10.0
pH (Test Strip)	std	12.8
Priority Pollutant PCB Analysis, GC, (GS13)		
Aroclor 1016	mg/kg	<331
Aroclor 1221	mg/kg	<331
Aroclor 1232	mg/kg	<331
Aroclor 1242	mg/kg	<331
Aroclor 1248	mg/kg	<331
Aroclor 1254	mg/kg	<331
Aroclor 1260	mg/kg	<331
Total Base/Neutral/Acid Analysis, MS, (MS02)		
Acenaphthene	mg/kg	<322
Acenaphthylene	mg/kg	<322
Anthracene	mg/kg	<322
Benzidine	mg/kg	<322
Benzoic acid	mg/kg	<804
Benzyl alcohol	mg/kg	<322
Benzo(a)anthracene	mg/kg	<322
Benzo(b)fluoranthene	mg/kg	<322
Benzo(k)fluoranthene	mg/kg	<322
Benzo(ghi)perylene	mg/kg	<322
Benzo(a)pyrene	mg/kg	<322
bis(2-Chloroethoxy)ethane	mg/kg	<322
bis(2-Chloroethyl) ether	mg/kg	<322
bis(2-Chloroethoxy)methane	mg/kg	<322
bis(2-Chloroisopropyl)ether	mg/kg	<322
bis(2-Ethylhexyl)phthalate	mg/kg	<322
4-Bromophenyl phenyl ether	mg/kg	<322
Butyl benzyl phthalate	mg/kg	<322
Carbazole	mg/kg	<322
4-Chloroaniline	mg/kg	<322

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: COMP-07
ASC Sample Number: JK7560
Sample Date: 930611
Facility Code: 014296

Parameters	Units	
Total Base/Neutral/Acid Analysis, MS, (MS02)		
p-Chloro-m-cresol	mg/kg	<322
2-Chloronaphthalene	mg/kg	<322
2-Chlorophenol	mg/kg	<322
4-Chlorophenyl phenyl ether	mg/kg	<322
3-Chloropropionitrile	mg/kg	<322
Chrysene	mg/kg	<322
Cyclohexanone	mg/kg	<322
Dibenzo(a,h)anthracene	mg/kg	<322
Dibenzofuran	mg/kg	<322
Di-n-butyl phthalate	mg/kg	<322
1,2-Dichlorobenzene	mg/kg	<322
1,3-Dichlorobenzene	mg/kg	<322
1,4-Dichlorobenzene	mg/kg	<322
3,3'-Dichlorobenzidine	mg/kg	<322
2,4-Dichlorophenol	mg/kg	<322
2,6-Dichlorophenol	mg/kg	<322
Diethyl phthalate	mg/kg	<322
Dimethyl phthalate	mg/kg	<322
2,4-Dimethylphenol	mg/kg	<322
4,6-Dinitro-o-cresol	mg/kg	<804
2,4-Dinitrophenol	mg/kg	<1610
2,4-Dinitrotoluene	mg/kg	<322
2,6-Dinitrotoluene	mg/kg	<322
Di-n-octyl phthalate	mg/kg	<322
2-Ethoxyethanol	mg/kg	<4820
Fluoranthene	mg/kg	<322
Fluorene	mg/kg	<322
Hexachlorobenzene	mg/kg	<322
Hexachlorobutadiene	mg/kg	<322
Hexachlorocyclopentadiene	mg/kg	<322
Hexachloroethane	mg/kg	<322
Hexachloropropene	mg/kg	<322
Indeno(1,2,3-c,d)pyrene	mg/kg	<322
Isophorone	mg/kg	527
4,4'-Methylenebis(2-chloroani-	mg/kg	<322

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: COMP-07
ASC Sample Number: JK7560
Sample Date: 930611
Facility Code: 014296

Parameters	Units	
Total Base/Neutral/Acid Analysis, MS, (MS02)		
line)		
2-Methylnaphthalene	mg/kg	<322
2-Methylphenol	mg/kg	<322
4-Methylphenol	mg/kg	<322
2-Nitropropane	mg/kg	<322
N-Nitrosodimethylamine	mg/kg	<322
N-Nitrosodi-n-propylamine	mg/kg	<322
N-Nitrosodiphenylamine	mg/kg	<322
Naphthalene	mg/kg	<322
2-Nitroaniline	mg/kg	<322
3-Nitroaniline	mg/kg	<322
4-Nitroaniline	mg/kg	<322
Nitrobenzene	mg/kg	<322
2-Nitrophenol	mg/kg	<322
4-Nitrophenol	mg/kg	<1610
Pentachlorobenzene	mg/kg	<322
Pentachloronitrobenzene	mg/kg	<322
Pentachlorophenol	mg/kg	<322
Pentachloroethane	mg/kg	<322
Phenanthrene	mg/kg	<322
Phenol	mg/kg	<322
Pronamide	mg/kg	<322
Pyrene	mg/kg	<322
Pyridine	mg/kg	<322
1,2,4,5-Tetrachlorobenzene	mg/kg	<322
2,3,4,6-Tetrachlorophenol	mg/kg	<322
1,2,4-Trichlorobenzene	mg/kg	<322
2,4,5-Trichlorophenol	mg/kg	<322
2,4,6-Trichlorophenol	mg/kg	<322

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: COMP-07
ASC Sample Number: JK7560
Sample Date: 930611
Facility Code: 014296

Parameters	Units	
Total Volatile Analysis, MS, (MV00)		
Acetone	mg/kg	<.714
Acrolein	mg/kg	<3.57
Acrylonitrile	mg/kg	<1.79
Benzene	mg/kg	<.714
Bromoform	mg/kg	<.714
Carbon disulfide	mg/kg	<.714
Carbon tetrachloride	mg/kg	<.714
Chlorobenzene	mg/kg	<.714
Chlorodibromomethane	mg/kg	<.714
Chloroethane	mg/kg	<.714
Chloroform	mg/kg	<.714
2-Chloroethylvinyl ether	mg/kg	<.714
3-Chloropropene	mg/kg	<.714
1,2-Dibromo-3-chloropropane	mg/kg	<.714
Dichlorobromomethane	mg/kg	<.714
Dichlorodifluoromethane	mg/kg	<.714
1,1-Dichloroethane	mg/kg	<.714
1,2-Dichloroethane	mg/kg	<.714
1,1-Dichloroethylene	mg/kg	<.714
1,2-Dichloropropane	mg/kg	<.714
cis-1,3-Dichloropropylene	mg/kg	<.714
trans-1,3-Dichloropropylene	mg/kg	<.714
Dibromomethane	mg/kg	<.714
Ethylbenzene	mg/kg	<.714
Ethylene dibromide	mg/kg	<.714
Ethyl acetate	mg/kg	<7.14
Ethyl ether	mg/kg	<.714
2-Hexanone	mg/kg	<.714
Iodomethane	mg/kg	<.714
Methyl bromide	mg/kg	<.714
Methyl chloride	mg/kg	<.714
Methylene chloride	mg/kg	<.714
Methyl ethyl ketone	mg/kg	<1.43
Methyl-iso-butyl ketone	mg/kg	<1.43
Styrene	mg/kg	<.714

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: COMP-07
ASC Sample Number: JK7560
Sample Date: 930611
Facility Code: 014296

Parameters	Units	
Total Volatile Analysis, MS, (MV00)		
1,1,1,2-Tetrachloroethane	mg/kg	<.714
1,1,2,2-Tetrachloroethane	mg/kg	<.714
Tetrachloroethylene	mg/kg	<.714
Tetrahydrofuran	mg/kg	<.714
Toluene	mg/kg	<.714
1,1,1-Trichloroethane	mg/kg	<.714
1,1,2-Trichloroethane	mg/kg	<.714
Trichloroethylene	mg/kg	<.714
1,2-Trans-dichloroethylene	mg/kg	<.714
Trichlorofluoromethane	mg/kg	<.714
1,2,3-Trichloropropane	mg/kg	<.714
1,1,2-Trichlorotrifluoroethane	mg/kg	<1.43
Vinyl acetate	mg/kg	<3.57
Vinyl chloride	mg/kg	<.714
Xylenes	mg/kg	<.714

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

	Sample Point ID:	COMP-02	COMP-06	246
	ASC Sample Number:	JK7562	JK7563	JK7564
	Sample Date:	930611	930611	930611
	Facility Code:	014296	014296	014296
Parameters	**Units**			
Conventional Data (CV10)				
Flash Point, Seta Flash 60	Deg C	>60	>60	>60
Reactive Cyanide	mg/kg	<10.0	<10.0	<10.0
Reactive Sulfide	mg/kg	<10.0	<10.0	<10.0
pH (Test Strip)	std	7	13	11
Priority Pollutant PCB Analysis, GC, (GS13)				
Aroclor 1016	mg/kg	<2.01	<.197	<.182
Aroclor 1221	mg/kg	<2.01	<.197	<.182
Aroclor 1232	mg/kg	<2.01	<.197	<.182
Aroclor 1242	mg/kg	<2.01	<.197	<.182
Aroclor 1248	mg/kg	<2.01	<.197	<.182
Aroclor 1254	mg/kg	<2.01	<.197	<.182
Aroclor 1260	mg/kg	2.39	<.197	<.182
RCRA TCLP Leachate Herbicide Analysis, GC, (GS52)				
2,4-D	mg/L	<.250	<.250	<.250
2,4,5-TP (Silvex)	mg/L	<.250	<.250	<.250
RCRA TCLP Leachate Pesticide Analysis, GC, (GS54)				
Chlordane	mg/L	<.020	<.020	<.020
Endrin	mg/L	<.002	<.002	<.002
Heptachlor	mg/L	<.002	<.002	<.002
Heptachlor epoxide	mg/L	<.002	<.002	<.002
Toxaphene	mg/L	<.040	<.040	<.040
RCRA TCLP Leachate Metals Analysis, (ME52)				
Arsenic	mg/L	<.100	<.100	<.100
Barium	mg/L	<.100	475	.127
Cadmium	mg/L	.020	<.005	.012
Chromium	mg/L	<.020	<.020	3.12
Lead	mg/L	314	31.0	.235
Mercury	mg/L	<.001	<.001	<.001
Selenium	mg/L	<.100	<.100	<.100
Silver	mg/L	<.020	<.020	<.020

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

	Sample Point ID:	COMP-02	COMP-06	246
	ASC Sample Number:	JK7562	JK7563	JK7564
	Sample Date:	930611	930611	930611
	Facility Code:	014296	014296	014296
Parameters	Units			
RCRA TCLP Leachate Base/Neutral/Acid Analysis, MS, (MS52)				
2,4-Dinitrotoluene	mg/L	<.100	<.100	<.100
Hexachlorobenzene	mg/L	<.100	<.100	<.100
Hexachloroethane	mg/L	<.100	<.100	<.100
Hexachlorobutadiene	mg/L	<.100	<.100	<.100
Lindane	mg/L	<.100	<.100	<.100
Methoxychlor	mg/L	<.100	<.100	<.100
2-Methylphenol	mg/L	<.100	<.100	<.100
4-Methylphenol	mg/L	<.100	<.100	<.100
Nitrobenzene	mg/L	<.100	<.100	<.100
Pentachlorophenol	mg/L	<.100	<.100	<.100
Pyridine	mg/L	<.100	<.100	<.100
2,4,5-Trichlorophenol	mg/L	<.100	<.100	<.100
2,4,6-Trichlorophenol	mg/L	<.100	<.100	<.100
RCRA TCLP Leachate (ZHE) Volatile Analysis, MS, (MV50)				
Benzene	mg/L	<.125	<.125	<.125
Carbon tetrachloride	mg/L	<.125	<.125	<.125
Chlorobenzene	mg/L	<.125	<.125	<.125
Chloroform	mg/L	<.125	<.125	<.125
1,4-Dichlorobenzene	mg/L	<.125	<.125	<.125
1,2-Dichloroethane	mg/L	<.125	<.125	<.125
1,1-Dichloroethylene	mg/L	<.125	<.125	<.125
Methyl ethyl ketone	mg/L	<.250	<.250	<.250
Tetrachloroethylene	mg/L	<.125	<.125	<.125
Trichloroethylene	mg/L	<.125	<.125	<.125
Vinyl chloride	mg/L	<.125	<.125	<.125

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

	Sample Point ID:	COMP-08	021
	ASC Sample Number:	JK7565	JK7566
	Sample Date:	930611	930611
	Facility Code:	014296	014296
Parameters	**Units**		
Conventional Data (CV10)			
Flash Point, Seta Flash 60	Deg C	>60	>60
Reactive Cyanide	mg/kg	<10.0	<10.0
Reactive Sulfide	mg/kg	<10.0	<10.0
pH (Test Strip)	std	7	7
Ash	%	-	95.2
Priority Pollutant PCB Analysis, GC, (GS13)			
Aroclor 1016	mg/kg	<19.5	<.173
Aroclor 1221	mg/kg	<19.5	<.173
Aroclor 1232	mg/kg	<19.5	<.173
Aroclor 1242	mg/kg	<19.5	<.173
Aroclor 1248	mg/kg	<19.5	<.173
Aroclor 1254	mg/kg	33.7	.279
Aroclor 1260	mg/kg	<19.5	<.173
RCRA TCLP Leachate Metals Analysis, (ME52)			
Arsenic	mg/L	<.100	<20.0
Barium	mg/L	1.47	<20.0
Cadmium	mg/L	.062	<1.00
Chromium	mg/L	<.020	<4.00
Lead	mg/L	.620	5640
Mercury	mg/L	.011	<.001
Selenium	mg/L	<.100	<20.0
Silver	mg/L	<.020	<4.00
Total Base/Neutral/Acid Analysis, MS, (MS02)			
Acenaphthene	mg/kg	<16.5	<.312
Acenaphthylene	mg/kg	<16.5	<.312
Anthracene	mg/kg	<16.5	<.312
Benzidine	mg/kg	<16.5	<.312
Benzoic acid	mg/kg	<41.3	<.779
Benzyl alcohol	mg/kg	<16.5	<.312
Benzo(a)anthracene	mg/kg	<16.5	<.312
Benzo(b)fluoranthene	mg/kg	<16.5	<.312
Benzo(k)fluoranthene	mg/kg	<16.5	<.312

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

	Sample Point ID:	COMP-08	021
	ASC Sample Number:	JK7565	JK7566
	Sample Date:	930611	930611
	Facility Code:	014296	014296
Parameters	Units		
Total Base/Neutral/Acid Analysis, MS, (MS02)			
Benzo(ghi)perylene	mg/kg	<16.5	<.312
Benzo(a)pyrene	mg/kg	<16.5	<.312
bis(2-Chloroethoxy)ethane	mg/kg	<16.5	<.312
bis(2-Chloroethyl) ether	mg/kg	<16.5	<.312
bis(2-Chloroethoxy)methane	mg/kg	<16.5	<.312
bis(2-Chloroisopropyl)ether	mg/kg	<16.5	<.312
bis(2-Ethylhexyl)phthalate	mg/kg	<16.5	.668
4-Bromophenyl phenyl ether	mg/kg	<16.5	<.312
Butyl benzyl phthalate	mg/kg	<16.5	<.312
Carbazole	mg/kg	<16.5	<.312
4-Chloroaniline	mg/kg	<16.5	<.312
p-Chloro-m-cresol	mg/kg	<16.5	<.312
2-Chloronaphthalene	mg/kg	<16.5	<.312
2-Chlorophenol	mg/kg	<16.5	<.312
4-Chlorophenyl phenyl ether	mg/kg	<16.5	<.312
3-Chloropropionitrile	mg/kg	<16.5	<.312
Chrysene	mg/kg	<16.5	<.312
Cyclohexanone	mg/kg	<16.5	<.312
Dibenzo(a,h)anthracene	mg/kg	<16.5	<.312
Dibenzofuran	mg/kg	<16.5	<.312
Di-n-butyl phthalate	mg/kg	<16.5	<.312
1,2-Dichlorobenzene	mg/kg	<16.5	<.312
1,3-Dichlorobenzene	mg/kg	<16.5	<.312
1,4-Dichlorobenzene	mg/kg	<16.5	<.312
3,3'-Dichlorobenzidine	mg/kg	<16.5	<.312
2,4-Dichlorophenol	mg/kg	<16.5	<.312
2,6-Dichlorophenol	mg/kg	<16.5	<.312
Diethyl phthalate	mg/kg	<16.5	<.312
Dimethyl phthalate	mg/kg	<16.5	<.312
2,4-Dimethylphenol	mg/kg	<16.5	<.312
4,6-Dinitro-o-cresol	mg/kg	<41.3	<.779
2,4-Dinitrophenol	mg/kg	<82.5	<1.56
2,4-Dinitrotoluene	mg/kg	<16.5	<.312
2,6-Dinitrotoluene	mg/kg	<16.5	<.312
Di-n-octyl phthalate	mg/kg	39.9	<.312

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

	Sample Point ID:	COMP-08	021
	ASC Sample Number:	JK7565	JK7566
	Sample Date:	930611	930611
	Facility Code:	014296	014296
Parameters	Units		
Total Base/Neutral/Acid Analysis, MS, (MS02)			
2-Ethoxyethanol	mg/kg	<248	<4.67
Fluoranthene	mg/kg	<16.5	<.312
Fluorene	mg/kg	<16.5	<.312
Hexachlorobenzene	mg/kg	<16.5	<.312
Hexachlorobutadiene	mg/kg	<16.5	<.312
Hexachlorocyclopentadiene	mg/kg	<16.5	<.312
Hexachloroethane	mg/kg	<16.5	<.312
Hexachloropropene	mg/kg	<16.5	<.312
Indeno(1,2,3-c,d)pyrene	mg/kg	<16.5	<.312
Isophorone	mg/kg	<16.5	<.312
4,4'-Methylenebis(2-chloroaniline)	mg/kg	<16.5	<.312
2-Methylnaphthalene	mg/kg	<16.5	<.312
2-Methylphenol	mg/kg	<16.5	<.312
4-Methylphenol	mg/kg	<16.5	<.312
2-Nitropropane	mg/kg	<16.5	<.312
N-Nitrosodimethylamine	mg/kg	<16.5	<.312
N-Nitrosodi-n-propylamine	mg/kg	<16.5	<.312
N-Nitrosodiphenylamine	mg/kg	<16.5	<.312
Naphthalene	mg/kg	<16.5	<.312
2-Nitroaniline	mg/kg	<16.5	<.312
3-Nitroaniline	mg/kg	<16.5	<.312
4-Nitroaniline	mg/kg	<16.5	<.312
Nitrobenzene	mg/kg	<16.5	<.312
2-Nitrophenol	mg/kg	<16.5	<.312
4-Nitrophenol	mg/kg	<82.5	<1.56
Pentachlorobenzene	mg/kg	<16.5	<.312
Pentachloronitrobenzene	mg/kg	<16.5	<.312
Pentachlorophenol	mg/kg	<16.5	<.312
Pentachloroethane	mg/kg	<16.5	<.312
Phenanthrene	mg/kg	<16.5	<.312
Phenol	mg/kg	<16.5	<.312
Pronamide	mg/kg	<16.5	<.312
Pyrene	mg/kg	<16.5	<.312
Pyridine	mg/kg	<16.5	<.312
1,2,4,5-Tetrachlorobenzene	mg/kg	<16.5	<.312

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

	Sample Point ID:	COMP-08	021
	ASC Sample Number:	JK7565	JK7566
	Sample Date:	930611	930611
	Facility Code:	014296	014296
Parameters	Units		
Total Base/Neutral/Acid Analysis, MS, (MS02)			
2,3,4,6-Tetrachlorophenol	mg/kg	<16.5	<.312
1,2,4-Trichlorobenzene	mg/kg	<16.5	<.312
2,4,5-Trichlorophenol	mg/kg	<16.5	<.312
2,4,6-Trichlorophenol	mg/kg	<16.5	<.312
RCRA TCLP Leachate Base/Neutral/Acid Analysis, MS, (MS52)			
2,4-Dinitrotoluene	mg/L	<.100	<.100
Hexachlorobenzene	mg/L	<.100	<.100
Hexachloroethane	mg/L	<.100	<.100
Hexachlorobutadiene	mg/L	<.100	<.100
Lindane	mg/L	<.100	<.100
Methoxychlor	mg/L	<.100	<.100
2-Methylphenol	mg/L	<.100	<.100
4-Methylphenol	mg/L	<.100	<.100
Nitrobenzene	mg/L	<.100	<.100
Pentachlorophenol	mg/L	<.100	<.100
Pyridine	mg/L	<.100	<.100
2,4,5-Trichlorophenol	mg/L	<.100	<.100
2,4,6-Trichlorophenol	mg/L	<.100	<.100
Total Volatile Analysis, MS, (MV00)			
Acetone	mg/kg	<.052	<.005
Acrolein	mg/kg	<.260	<.025
Acrylonitrile	mg/kg	<.130	<.012
Benzene	mg/kg	<.052	<.005
Bromoform	mg/kg	<.052	<.005
Carbon disulfide	mg/kg	<.052	<.005
Carbon tetrachloride	mg/kg	<.052	<.005
Chlorobenzene	mg/kg	<.052	<.005
Chlorodibromomethane	mg/kg	<.052	<.005
Chloroethane	mg/kg	<.052	<.005
Chloroform	mg/kg	<.052	<.005
2-Chloroethylvinyl ether	mg/kg	<.052	<.005
3-Chloropropene	mg/kg	<.052	<.005
1,2-Dibromo-3-chloropropane	mg/kg	<.052	<.005
Dichlorobromomethane	mg/kg	<.052	<.005

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

	Sample Point ID:	COMP-08	021
	ASC Sample Number:	JK7565	JK7566
	Sample Date:	930611	930611
	Facility Code:	014296	014296
Parameters	Units		
Total Volatile Analysis, MS, (MV00)			
Dichlorodifluoromethane	mg/kg	<.052	<.005
1,1-Dichloroethane	mg/kg	<.052	<.005
1,2-Dichloroethane	mg/kg	<.052	<.005
1,1-Dichloroethylene	mg/kg	<.052	<.005
1,2-Dichloropropane	mg/kg	<.052	<.005
cis-1,3-Dichloropropylene	mg/kg	<.052	<.005
trans-1,3-Dichloropropylene	mg/kg	<.052	<.005
Dibromomethane	mg/kg	<.052	<.005
Ethylbenzene	mg/kg	<.052	<.005
Ethylene dibromide	mg/kg	<.052	<.005
Ethyl acetate	mg/kg	<.521	<.050
Ethyl ether	mg/kg	<.052	<.005
2-Hexanone	mg/kg	<.052	<.005
Iodomethane	mg/kg	<.052	<.005
Methyl bromide	mg/kg	<.052	<.005
Methyl chloride	mg/kg	<.052	<.005
Methylene chloride	mg/kg	.310	.025
Methyl ethyl ketone	mg/kg	<.104	<.01
Methyl-iso-butyl ketone	mg/kg	<.104	<.01
Styrene	mg/kg	<.052	<.005
1,1,1,2-Tetrachloroethane	mg/kg	<.052	<.005
1,1,2,2-Tetrachloroethane	mg/kg	<.052	<.005
Tetrachloroethylene	mg/kg	<.052	<.005
Tetrahydrofuran	mg/kg	<.052	<.005
Toluene	mg/kg	<.052	<.005
1,1,1-Trichloroethane	mg/kg	<.052	<.005
1,1,2-Trichloroethane	mg/kg	<.052	<.005
Trichloroethylene	mg/kg	<.052	<.005
1,2-Trans-dichloroethylene	mg/kg	<.052	<.005
Trichlorofluoromethane	mg/kg	<.052	<.005
1,2,3-Trichloropropane	mg/kg	<.052	<.005
1,1,2-Trichlorotrifluoroethane	mg/kg	<.104	<.01
Vinyl acetate	mg/kg	<.260	<.025
Vinyl chloride	mg/kg	<.052	<.005
Xylenes	mg/kg	.072	<.005

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

	Sample Point ID:	COMP-08	021
	ASC Sample Number:	JK7565	JK7566
	Sample Date:	930611	930611
	Facility Code:	014296	014296
Parameters	Units		
RCRA TCLP Leachate (ZHE) Volatile Analysis, MS, (MV50)			
Benzene	mg/L	<.125	<.125
Carbon tetrachloride	mg/L	<.125	<.125
Chlorobenzene	mg/L	<.125	<.125
Chloroform	mg/L	<.125	<.125
1,4-Dichlorobenzene	mg/L	<.125	<.125
1,2-Dichloroethane	mg/L	<.125	<.125
1,1-Dichloroethylene	mg/L	<.125	<.125
Methyl ethyl ketone	mg/L	<.250	<.250
Tetrachloroethylene	mg/L	<.125	<.125
Trichloroethylene	mg/L	<.125	<.125
Vinyl chloride	mg/L	<.125	<.125

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

	Sample Point ID:	COMP-03	COMP-09
	ASC Sample Number:	JK7368	JK7369
	Sample Date:	930614	930614
	Facility Code:	014296	014296
Parameters	Units		
Conventional Data (CV10)			
Ash	%	10.6	2.97
Flash Point, Seta Flash 60	Deg C	>60	>60
Reactive Cyanide	mg/kg	<10.0	<10.0
Reactive Sulfide	mg/kg	<10.0	<10.0
pH (Test Strip)	std	7	7
Priority Pollutant PCB Analysis, GC, (GS13)			
Aroclor 1016	mg/kg	<23.9	<2.13
Aroclor 1221	mg/kg	<23.9	<2.13
Aroclor 1232	mg/kg	<23.9	<2.13
Aroclor 1242	mg/kg	<23.9	<2.13
Aroclor 1248	mg/kg	<23.9	<2.13
Aroclor 1254	mg/kg	49.3	<2.13
Aroclor 1260	mg/kg	<23.9	<2.13
RCRA TCLP Leachate Metals Analysis, (ME52)			
Arsenic	mg/L	<.100	<.100
Barium	mg/L	<.100	.247
Cadmium	mg/L	.032	.139
Chromium	mg/L	<.020	.038
Lead	mg/L	7.72	4.83
Mercury	mg/L	<.001	<.001
Selenium	mg/L	<.100	<.100
Silver	mg/L	<.020	<.020
Total Base/Neutral/Acid Analysis, MS, (MS02)			
Acenaphthene	mg/kg	<455	<465
Acenaphthylene	mg/kg	<455	<465
Anthracene	mg/kg	<455	<465
Benzidine	mg/kg	<455	<465
Benzoic acid	mg/kg	<1140	<1160
Benzyl alcohol	mg/kg	<455	<465
Benzo(a)anthracene	mg/kg	<455	<465
Benzo(b)fluoranthene	mg/kg	<455	<465
Benzo(k)fluoranthene	mg/kg	<455	<465

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

	Sample Point ID:	COMP-03	COMP-09
	ASC Sample Number:	JK7368	JK7369
	Sample Date:	930614	930614
	Facility Code:	014296	014296
Parameters	Units		
Total Base/Neutral/Acid Analysis, MS, (MS02)			
Benzo(ghi)perylene	mg/kg	<455	<465
Benzo(a)pyrene	mg/kg	<455	<465
bis(2-Chloroethoxy)ethane	mg/kg	<455	<465
bis(2-Chloroethyl) ether	mg/kg	<455	<465
bis(2-Chloroethoxy)methane	mg/kg	<455	<465
bis(2-Chloroisopropyl)ether	mg/kg	<455	<465
bis(2-Ethylhexyl)phthalate	mg/kg	<455	<465
4-Bromophenyl phenyl ether	mg/kg	<455	<465
Butyl benzyl phthalate	mg/kg	<455	<465
Carbazole	mg/kg	<455	<465
4-Chloroaniline	mg/kg	<455	<465
p-Chloro-m-cresol	mg/kg	<455	<465
2-Chloronaphthalene	mg/kg	<455	<465
2-Chlorophenol	mg/kg	<455	<465
4-Chlorophenyl phenyl ether	mg/kg	<455	<465
3-Chloropropionitrile	mg/kg	<455	<465
Chrysene	mg/kg	<455	<465
Cyclohexanone	mg/kg	<455	<465
Dibenzo(a,h)anthracene	mg/kg	<455	<465
Dibenzofuran	mg/kg	<455	<465
Di-n-butyl phthalate	mg/kg	<455	<465
1,2-Dichlorobenzene	mg/kg	<455	<465
1,3-Dichlorobenzene	mg/kg	<455	<465
1,4-Dichlorobenzene	mg/kg	<455	<465
3,3'-Dichlorobenzidine	mg/kg	<455	<465
2,4-Dichlorophenol	mg/kg	<455	<465
2,6-Dichlorophenol	mg/kg	<455	<465
Diethyl phthalate	mg/kg	<455	<465
Dimethyl phthalate	mg/kg	<455	<465
2,4-Dimethylphenol	mg/kg	<455	<465
4,6-Dinitro-o-cresol	mg/kg	<1140	<1160
2,4-Dinitrophenol	mg/kg	<2270	<2330
2,4-Dinitrotoluene	mg/kg	<455	<465
2,6-Dinitrotoluene	mg/kg	<455	<465
Di-n-octyl phthalate	mg/kg	<455	<465

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

	Sample Point ID:	COMP-03	COMP-09
	ASC Sample Number:	JK7368	JK7369
	Sample Date:	930614	930614
	Facility Code:	014296	014296
Parameters	Units		
Total Base/Neutral/Acid Analysis, MS, (MS02)			
2-Ethoxyethanol	mg/kg	<6820	<6980
Fluoranthene	mg/kg	<455	<465
Fluorene	mg/kg	<455	<465
Hexachlorobenzene	mg/kg	<455	<465
Hexachlorobutadiene	mg/kg	<455	<465
Hexachlorocyclopentadiene	mg/kg	<455	<465
Hexachloroethane	mg/kg	<455	<465
Hexachloropropene	mg/kg	<455	<465
Indeno(1,2,3-c,d)pyrene	mg/kg	<455	<465
Isophorone	mg/kg	<455	<465
4,4'-Methylenebis(2-chloroaniline)	mg/kg	<455	<465
2-Methylnaphthalene	mg/kg	<455	<465
2-Methylphenol	mg/kg	<455	<465
4-Methylphenol	mg/kg	<455	<465
2-Nitropropane	mg/kg	<455	<465
N-Nitrosodimethylamine	mg/kg	<455	<465
N-Nitrosodi-n-propylamine	mg/kg	<455	<465
N-Nitrosodiphenylamine	mg/kg	<455	<465
Naphthalene	mg/kg	<455	<465
2-Nitroaniline	mg/kg	<455	<465
3-Nitroaniline	mg/kg	<455	<465
4-Nitroaniline	mg/kg	<455	<465
Nitrobenzene	mg/kg	<455	<465
2-Nitrophenol	mg/kg	<455	<465
4-Nitrophenol	mg/kg	<2270	<2330
Pentachlorobenzene	mg/kg	<455	<465
Pentachloronitrobenzene	mg/kg	<455	<465
Pentachlorophenol	mg/kg	<455	<465
Pentachloroethane	mg/kg	<455	<465
Phenanthrene	mg/kg	<455	<465
Phenol	mg/kg	<455	<465
Pronamide	mg/kg	<455	<465
Pyrene	mg/kg	<455	<465
Pyridine	mg/kg	<455	<465
1,2,4,5-Tetrachlorobenzene	mg/kg	<455	<465

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

	Sample Point ID:	COMP-03	COMP-09
	ASC Sample Number:	JK7368	JK7369
	Sample Date:	930614	930614
	Facility Code:	014296	014296
Parameters	Units		
Total Base/Neutral/Acid Analysis, MS, (MS02)			
2,3,4,6-Tetrachlorophenol	mg/kg	<455	<465
1,2,4-Trichlorobenzene	mg/kg	<455	<465
2,4,5-Trichlorophenol	mg/kg	<455	<465
2,4,6-Trichlorophenol	mg/kg	<455	<465
RCRA TCLP Leachate Base/Neutral/Acid Analysis, MS, (MS52)			
2,4-Dinitrotoluene	mg/L	<.100	<.100
Hexachlorobenzene	mg/L	<.100	<.100
Hexachloroethane	mg/L	<.100	<.100
Hexachlorobutadiene	mg/L	<.100	<.100
Lindane	mg/L	<.100	<.100
Methoxychlor	mg/L	<.100	<.100
2-Methylphenol	mg/L	<.100	<.100
4-Methylphenol	mg/L	<.100	<.100
Nitrobenzene	mg/L	<.100	<.100
Pentachlorophenol	mg/L	<.100	<.100
Pyridine	mg/L	<.100	<.100
2,4,5-Trichlorophenol	mg/L	<.100	<.100
2,4,6-Trichlorophenol	mg/L	<.100	<.100
Total Volatile Analysis, MS, (MV00)			
Acetone	mg/kg	<9.62	<8.33
Acrolein	mg/kg	<48.1	<41.7
Acrylonitrile	mg/kg	<24.0	<20.8
Benzene	mg/kg	<9.62	<8.33
Bromoform	mg/kg	<9.62	<8.33
Carbon disulfide	mg/kg	<9.62	<8.33
Carbon tetrachloride	mg/kg	<9.62	<8.33
Chlorobenzene	mg/kg	<9.62	<8.33
Chlorodibromomethane	mg/kg	<9.62	<8.33
Chloroethane	mg/kg	<9.62	<8.33
Chloroform	mg/kg	<9.62	13.2
2-Chloroethylvinyl ether	mg/kg	<9.62	<8.33
3-Chloropropene	mg/kg	<9.62	<8.33
1,2-Dibromo-3-chloropropane	mg/kg	<9.62	<8.33
Dichlorobromomethane	mg/kg	<9.62	<8.33

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

	Sample Point ID:	COMP-03	COMP-09
	ASC Sample Number:	JK7368	JK7369
	Sample Date:	930614	930614
	Facility Code:	014296	014296
Parameters	Units		
Total Volatile Analysis, MS, (MV00)			
Dichlorodifluoromethane	mg/kg	<9.62	<8.33
1,1-Dichloroethane	mg/kg	<9.62	<8.33
1,2-Dichloroethane	mg/kg	<9.62	<8.33
1,1-Dichloroethylene	mg/kg	<9.62	<8.33
1,2-Dichloropropane	mg/kg	<9.62	<8.33
cis-1,3-Dichloropropylene	mg/kg	<9.62	<8.33
trans-1,3-Dichloropropylene	mg/kg	<9.62	<8.33
Dibromomethane	mg/kg	<9.62	<8.33
Ethylbenzene	mg/kg	<9.62	<8.33
Ethylene dibromide	mg/kg	<9.62	<8.33
Ethyl acetate	mg/kg	<96.2	<83.3
Ethyl ether	mg/kg	<9.62	<8.33
2-Hexanone	mg/kg	<9.62	<8.33
Iodomethane	mg/kg	<9.62	<8.33
Methyl bromide	mg/kg	<9.62	<8.33
Methyl chloride	mg/kg	<9.62	<8.33
Methylene chloride	mg/kg	<9.62	<8.33
Methyl ethyl ketone	mg/kg	<19.2	<16.7
Methyl-iso-butyl ketone	mg/kg	<19.2	<16.7
Styrene	mg/kg	<9.62	<8.33
1,1,1,2-Tetrachloroethane	mg/kg	<9.62	<8.33
1,1,2,2-Tetrachloroethane	mg/kg	<9.62	<8.33
Tetrachloroethylene	mg/kg	<9.62	<8.33
Tetrahydrofuran	mg/kg	<9.62	<8.33
Toluene	mg/kg	84.3	<8.33
1,1,1-Trichloroethane	mg/kg	<9.62	<8.33
1,1,2-Trichloroethane	mg/kg	<9.62	<8.33
Trichloroethylene	mg/kg	<9.62	<8.33
1,2-Trans-dichloroethylene	mg/kg	<9.62	<8.33
Trichlorofluoromethane	mg/kg	<9.62	<8.33
1,2,3-Trichloropropane	mg/kg	<9.62	<8.33
1,1,2-Trichlorotrifluoroethane	mg/kg	<19.2	<16.7
Vinyl acetate	mg/kg	<48.1	<41.7
Vinyl chloride	mg/kg	<9.62	<8.33
Xylenes	mg/kg	<9.62	8.88

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

	Sample Point ID:	COMP-03	COMP-09
	ASC Sample Number:	JK7368	JK7369
	Sample Date:	930614	930614
	Facility Code:	014296	014296
Parameters	Units		
RCRA TCLP Leachate (ZHE) Volatile Analysis, MS, (MV50)			
Benzene	mg/L	<.125	<.125
Carbon tetrachloride	mg/L	<.125	<.125
Chlorobenzene	mg/L	<.125	<.125
Chloroform	mg/L	<.125	<.125
1,4-Dichlorobenzene	mg/L	<.125	<.125
1,2-Dichloroethane	mg/L	<.125	<.125
1,1-Dichloroethylene	mg/L	<.125	<.125
Methyl ethyl ketone	mg/L	.692	<.250
Tetrachloroethylene	mg/L	<.125	<.125
Trichloroethylene	mg/L	<.125	<.125
Vinyl chloride	mg/L	<.125	<.125

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: 053
ASC Sample Number: JK7372
Sample Date: 930614
Facility Code: 014296

Parameters	Units	
Conventional Data (CV10)		
Ash	%	.757
BTU/lb	BTU/lb	12400
Flash Point, Seta Flash 60	Deg C	>60
Reactive Cyanide	mg/kg	<10.0
Reactive Sulfide	mg/kg	<10.0
pH (Test Strip)	std	7
Priority Pollutant PCB Analysis, GC, (GS13)		
Aroclor 1016	mg/kg	<21.5
Aroclor 1221	mg/kg	<21.5
Aroclor 1232	mg/kg	<21.5
Aroclor 1242	mg/kg	<21.5
Aroclor 1248	mg/kg	<21.5
Aroclor 1254	mg/kg	<21.5
Aroclor 1260	mg/kg	<21.5
RCRA TCLP Leachate Metals Analysis, (ME52)		
Arsenic	mg/L	<.100
Barium	mg/L	.380
Cadmium	mg/L	<.005
Chromium	mg/L	.020
Lead	mg/L	2.98
Mercury	mg/L	.005
Selenium	mg/L	<.100
Silver	mg/L	<.020
Total Base/Neutral/Acid Analysis, MS, (MS02)		
Acenaphthene	mg/kg	<493
Acenaphthylene	mg/kg	<493
Anthracene	mg/kg	<493
Benzidine	mg/kg	<493
Benzoic acid	mg/kg	<1230
Benzyl alcohol	mg/kg	<493
Benzo(a)anthracene	mg/kg	<493
Benzo(b)fluoranthene	mg/kg	<493

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: 053
ASC Sample Number: JK7372
Sample Date: 930614
Facility Code: 014296

Parameters	Units	
Total Base/Neutral/Acid Analysis, MS, (MS02)		
Benzo(k)fluoranthene	mg/kg	<493
Benzo(ghi)perylene	mg/kg	<493
Benzo(a)pyrene	mg/kg	<493
bis(2-Chloroethoxy)ethane	mg/kg	<493
bis(2-Chloroethyl) ether	mg/kg	<493
bis(2-Chloroethoxy)methane	mg/kg	<493
bis(2-Chloroisopropyl)ether	mg/kg	<493
bis(2-Ethylhexyl)phthalate	mg/kg	<493
4-Bromophenyl phenyl ether	mg/kg	<493
Butyl benzyl phthalate	mg/kg	<493
Carbazole	mg/kg	<493
4-Chloroaniline	mg/kg	<493
p-Chloro-m-cresol	mg/kg	<493
2-Chloronaphthalene	mg/kg	<493
2-Chlorophenol	mg/kg	<493
4-Chlorophenyl phenyl ether	mg/kg	<493
3-Chloropropionitrile	mg/kg	<493
Chrysene	mg/kg	<493
Cyclohexanone	mg/kg	<493
Dibenzo(a,h)anthracene	mg/kg	<493
Dibenzofuran	mg/kg	<493
Di-n-butyl phthalate	mg/kg	<493
1,2-Dichlorobenzene	mg/kg	<493
1,3-Dichlorobenzene	mg/kg	<493
1,4-Dichlorobenzene	mg/kg	<493
3,3'-Dichlorobenzidine	mg/kg	<493
2,4-Dichlorophenol	mg/kg	<493
2,6-Dichlorophenol	mg/kg	<493
Diethyl phthalate	mg/kg	<493
Dimethyl phthalate	mg/kg	<493
2,4-Dimethylphenol	mg/kg	<493
4,6-Dinitro-o-cresol	mg/kg	<1230
2,4-Dinitrophenol	mg/kg	<2460
2,4-Dinitrotoluene	mg/kg	<493
2,6-Dinitrotoluene	mg/kg	<493

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: 053
ASC Sample Number: JK7372
Sample Date: 930614
Facility Code: 014296

Parameters	Units	
Total Base/Neutral/Acid Analysis, MS, (MS02)		
Di-n-octyl phthalate	mg/kg	<493
2-Ethoxyethanol	mg/kg	<7390
Fluoranthene	mg/kg	<493
Fluorene	mg/kg	<493
Hexachlorobenzene	mg/kg	<493
Hexachlorobutadiene	mg/kg	<493
Hexachlorocyclopentadiene	mg/kg	<493
Hexachloroethane	mg/kg	<493
Hexachloropropene	mg/kg	<493
Indeno(1,2,3-c,d)pyrene	mg/kg	<493
Isophorone	mg/kg	<493
4,4'-Methylenebis(2-chloroaniline)	mg/kg	<493
2-Methylnaphthalene	mg/kg	<493
2-Methylphenol	mg/kg	<493
4-Methylphenol	mg/kg	<493
2-Nitropropane	mg/kg	<493
N-Nitrosodimethylamine	mg/kg	<493
N-Nitrosodi-n-propylamine	mg/kg	<493
N-Nitrosodiphenylamine	mg/kg	<493
Naphthalene	mg/kg	<493
2-Nitroaniline	mg/kg	<493
3-Nitroaniline	mg/kg	<493
4-Nitroaniline	mg/kg	<493
Nitrobenzene	mg/kg	<493
2-Nitrophenol	mg/kg	<493
4-Nitrophenol	mg/kg	<2460
Pentachlorobenzene	mg/kg	<493
Pentachloronitrobenzene	mg/kg	<493
Pentachlorophenol	mg/kg	<493
Pentachloroethane	mg/kg	<493
Phenanthrene	mg/kg	<493
Phenol	mg/kg	<493
Pronamide	mg/kg	<493
Pyrene	mg/kg	<493
Pyridine	mg/kg	<493

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: 053
ASC Sample Number: JK7372
Sample Date: 930614
Facility Code: 014296

Parameters	Units	
Total Base/Neutral/Acid Analysis, MS, (MS02)		
1,2,4,5-Tetrachlorobenzene	mg/kg	<493
2,3,4,6-Tetrachlorophenol	mg/kg	<493
1,2,4-Trichlorobenzene	mg/kg	<493
2,4,5-Trichlorophenol	mg/kg	<493
2,4,6-Trichlorophenol	mg/kg	<493
RCRA TCLP Leachate Base/Neutral/Acid Analysis, MS, (MS52)		
2,4-Dinitrotoluene	mg/L	<.100
Hexachlorobenzene	mg/L	<.100
Hexachloroethane	mg/L	<.100
Hexachlorobutadiene	mg/L	<.100
Lindane	mg/L	<.100
Methoxychlor	mg/L	<.100
2-Methylphenol	mg/L	<.100
4-Methylphenol	mg/L	.379
Nitrobenzene	mg/L	<.100
Pentachlorophenol	mg/L	<.100
Pyridine	mg/L	<.100
2,4,5-Trichlorophenol	mg/L	<.100
2,4,6-Trichlorophenol	mg/L	<.100
Total Volatile Analysis, MS, (MV00)		
Acetone	mg/kg	<73.5
Acrolein	mg/kg	<368
Acrylonitrile	mg/kg	<184
Benzene	mg/kg	<73.5
Bromoform	mg/kg	<73.5
Carbon disulfide	mg/kg	<73.5
Carbon tetrachloride	mg/kg	<73.5
Chlorobenzene	mg/kg	<73.5
Chlorodibromomethane	mg/kg	<73.5
Chloroethane	mg/kg	<73.5
Chloroform	mg/kg	<73.5
2-Chloroethylvinyl ether	mg/kg	<73.5
3-Chloropropene	mg/kg	<73.5

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: 053
ASC Sample Number: JK7372
Sample Date: 930614
Facility Code: 014296

Parameters	Units	
Total Volatile Analysis, MS, (MV00)		
1,2-Dibromo-3-chloropropane	mg/kg	<73.5
Dichlorobromomethane	mg/kg	<73.5
Dichlorodifluoromethane	mg/kg	<73.5
1,1-Dichloroethane	mg/kg	<73.5
1,2-Dichloroethane	mg/kg	<73.5
1,1-Dichloroethylene	mg/kg	<73.5
1,2-Dichloropropane	mg/kg	<73.5
cis-1,3-Dichloropropylene	mg/kg	<73.5
trans-1,3-Dichloropropylene	mg/kg	<73.5
Dibromomethane	mg/kg	<73.5
Ethylbenzene	mg/kg	221
Ethylene dibromide	mg/kg	<73.5
Ethyl acetate	mg/kg	<735
Ethyl ether	mg/kg	<73.5
2-Hexanone	mg/kg	<73.5
Iodomethane	mg/kg	<73.5
Methyl bromide	mg/kg	<73.5
Methyl chloride	mg/kg	<73.5
Methylene chloride	mg/kg	<73.5
Methyl ethyl ketone	mg/kg	<147
Methyl-iso-butyl ketone	mg/kg	<147
Styrene	mg/kg	<73.5
1,1,1,2-Tetrachloroethane	mg/kg	<73.5
1,1,2,2-Tetrachloroethane	mg/kg	<73.5
Tetrachloroethylene	mg/kg	<73.5
Tetrahydrofuran	mg/kg	<73.5
Toluene	mg/kg	91.8
1,1,1-Trichloroethane	mg/kg	<73.5
1,1,2-Trichloroethane	mg/kg	<73.5
Trichloroethylene	mg/kg	<73.5
1,2-Trans-dichloroethylene	mg/kg	<73.5
Trichlorofluoromethane	mg/kg	<73.5
1,2,3-Trichloropropane	mg/kg	<73.5
1,1,2-Trichlorotrifluoroethane	mg/kg	<147
Vinyl acetate	mg/kg	<368

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: 053
ASC Sample Number: JK7372
Sample Date: 930614
Facility Code: 014296

Parameters	Units	
Total Volatile Analysis, MS, (MV00)		
Vinyl chloride	mg/kg	<73.5
Xylenes	mg/kg	4520
RCRA TCLP Leachate (ZHE) Volatile Analysis, MS, (MV50)		
Benzene	mg/L	<.125
Carbon tetrachloride	mg/L	<.125
Chlorobenzene	mg/L	<.125
Chloroform	mg/L	<.125
1,4-Dichlorobenzene	mg/L	<.125
1,2-Dichloroethane	mg/L	<.125
1,1-Dichloroethylene	mg/L	<.125
Methyl ethyl ketone	mg/L	<.250
Tetrachloroethylene	mg/L	<.125
Trichloroethylene	mg/L	<.125
Vinyl chloride	mg/L	<.125

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID:		COMP-04	162
ASC Sample Number:		JK7370	JK7371
Sample Date:		930614	930614
Facility Code:		014296	014296
Parameters	**Units**		
Conventional Data (CV10)			
Ash	%	1.22	.757
BTU/lb	BTU/lb	15900	14200
Flash Point, Seta Flash 60	Deg C	>60	>60
Reactive Cyanide	mg/kg	<10.0	<10.0
Reactive Sulfide	mg/kg	<10.0	<10.0
pH (Test Strip)	std	7	7
Priority Pollutant PCB Analysis, GC, (GS13)			
Aroclor 1016	mg/kg	<2.46	<2.34
Aroclor 1221	mg/kg	<2.46	<2.34
Aroclor 1232	mg/kg	<2.46	<2.34
Aroclor 1242	mg/kg	<2.46	<2.34
Aroclor 1248	mg/kg	<2.46	<2.34
Aroclor 1254	mg/kg	<2.46	<2.34
Aroclor 1260	mg/kg	<2.46	<2.34
RCRA TCLP Leachate Combined Multiphasic Metals Analysis, (ME59)			
Arsenic	mg/L	<.850	<.950
Barium	mg/L	3.69	1.65
Cadmium	mg/L	.071	<.048
Chromium	mg/L	<.170	<.190
Lead	mg/L	101	<.950
Mercury	mg/L	.080	<.061
Selenium	mg/L	<.850	<.950
Silver	mg/L	<.170	<.190
Total Base/Neutral/Acid Analysis, MS, (MS02)			
Acenaphthene	mg/kg	<488	<452
Acenaphthylene	mg/kg	<488	<452
Anthracene	mg/kg	<488	<452
Benzidine	mg/kg	<488	<452
Benzoic acid	mg/kg	<1220	<1130
Benzyl alcohol	mg/kg	<488	<452
Benzo(a)anthracene	mg/kg	<488	<452
Benzo(b)fluoranthene	mg/kg	<488	<452

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID:		COMP-04	162
ASC Sample Number:		JK7370	JK7371
Sample Date:		930614	930614
Facility Code:		014296	014296
Parameters	Units		
Total Base/Neutral/Acid Analysis, MS, (MS02)			
Benzo(k)fluoranthene	mg/kg	<488	<452
Benzo(ghi)perylene	mg/kg	<488	<452
Benzo(a)pyrene	mg/kg	<488	<452
bis(2-Chloroethoxy)ethane	mg/kg	<488	<452
bis(2-Chloroethyl) ether	mg/kg	<488	<452
bis(2-Chloroethoxy)methane	mg/kg	<488	<452
bis(2-Chloroisopropyl)ether	mg/kg	<488	<452
bis(2-Ethylhexyl)phthalate	mg/kg	<488	<452
4-Bromophenyl phenyl ether	mg/kg	<488	<452
Butyl benzyl phthalate	mg/kg	<488	<452
Carbazole	mg/kg	<488	<452
4-Chloroaniline	mg/kg	<488	<452
p-Chloro-m-cresol	mg/kg	<488	<452
2-Chloronaphthalene	mg/kg	<488	<452
2-Chlorophenol	mg/kg	<488	<452
4-Chlorophenyl phenyl ether	mg/kg	<488	<452
3-Chloropropionitrile	mg/kg	<488	<452
Chrysene	mg/kg	<488	<452
Cyclohexanone	mg/kg	<488	<452
Dibenzo(a,h)anthracene	mg/kg	<488	<452
Dibenzofuran	mg/kg	<488	<452
Di-n-butyl phthalate	mg/kg	<488	<452
1,2-Dichlorobenzene	mg/kg	<488	<452
1,3-Dichlorobenzene	mg/kg	<488	<452
1,4-Dichlorobenzene	mg/kg	<488	<452
3,3'-Dichlorobenzidine	mg/kg	<488	<452
2,4-Dichlorophenol	mg/kg	<488	<452
2,6-Dichlorophenol	mg/kg	<488	<452
Diethyl phthalate	mg/kg	<488	<452
Dimethyl phthalate	mg/kg	<488	<452
2,4-Dimethylphenol	mg/kg	<488	<452
4,6-Dinitro-o-cresol	mg/kg	<1220	<1130
2,4-Dinitrophenol	mg/kg	<2440	<2260
2,4-Dinitrotoluene	mg/kg	<488	<452
2,6-Dinitrotoluene	mg/kg	<488	<452

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

	Sample Point ID:	COMP-04	162
	ASC Sample Number:	JK7370	JK7371
	Sample Date:	930614	930614
	Facility Code:	014296	014296
Parameters	Units		
Total Base/Neutral/Acid Analysis, MS, (MS02)			
Di-n-octyl phthalate	mg/kg	<488	<452
2-Ethoxyethanol	mg/kg	<7320	<6790
Fluoranthene	mg/kg	<488	<452
Fluorene	mg/kg	<488	<452
Hexachlorobenzene	mg/kg	<488	<452
Hexachlorobutadiene	mg/kg	<488	<452
Hexachlorocyclopentadiene	mg/kg	<488	<452
Hexachloroethane	mg/kg	<488	<452
Hexachloropropene	mg/kg	<488	<452
Indeno(1,2,3-c,d)pyrene	mg/kg	<488	<452
Isophorone	mg/kg	<488	<452
4,4'-Methylenebis(2-chloroaniline)	mg/kg	<488	<452
2-Methylnaphthalene	mg/kg	<488	<452
2-Methylphenol	mg/kg	<488	<452
4-Methylphenol	mg/kg	<488	<452
2-Nitropropane	mg/kg	<488	<452
N-Nitrosodimethylamine	mg/kg	<488	<452
N-Nitrosodi-n-propylamine	mg/kg	<488	<452
N-Nitrosodiphenylamine	mg/kg	<488	<452
Naphthalene	mg/kg	<488	<452
2-Nitroaniline	mg/kg	<488	<452
3-Nitroaniline	mg/kg	<488	<452
4-Nitroaniline	mg/kg	<488	<452
Nitrobenzene	mg/kg	<488	<452
2-Nitrophenol	mg/kg	<488	<452
4-Nitrophenol	mg/kg	<2440	<2260
Pentachlorobenzene	mg/kg	<488	<452
Pentachloronitrobenzene	mg/kg	<488	<452
Pentachlorophenol	mg/kg	<488	<452
Pentachloroethane	mg/kg	<488	<452
Phenanthrene	mg/kg	<488	<452
Phenol	mg/kg	<488	<452
Pronamide	mg/kg	<488	<452
Pyrene	mg/kg	<488	<452
Pyridine	mg/kg	<488	<452

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

	Sample Point ID:	COMP-04	162
	ASC Sample Number:	JK7370	JK7371
	Sample Date:	930614	930614
	Facility Code:	014296	014296
Parameters	Units		
Total Base/Neutral/Acid Analysis, MS, (MS02)			
1,2,4,5-Tetrachlorobenzene	mg/kg	<488	<452
2,3,4,6-Tetrachlorophenol	mg/kg	<488	<452
1,2,4-Trichlorobenzene	mg/kg	<488	<452
2,4,5-Trichlorophenol	mg/kg	<488	<452
2,4,6-Trichlorophenol	mg/kg	<488	<452
RCRA TCLP Leachate Combined Multiphasic SVA Analysis, MS, (MS83)			
2,4-Dinitrotoluene	mg/L	<149	<152
Hexachlorobenzene	mg/L	<149	<152
Hexachloroethane	mg/L	<149	<152
Hexachlorobutadiene	mg/L	<149	<152
2-Methylphenol	mg/L	<149	<152
4-Methylphenol	mg/L	<149	<152
Nitrobenzene	mg/L	<149	<152
Pentachlorophenol	mg/L	<149	<152
Pyridine	mg/L	<149	<152
2,4,5-Trichlorophenol	mg/L	<149	<152
2,4,6-Trichlorophenol	mg/L	<149	<152
Total Volatile Analysis, MS, (MV00)			
Acetone	mg/kg	<69.4	<125
Acrolein	mg/kg	<347	<625
Acrylonitrile	mg/kg	<174	<313
Benzene	mg/kg	5250	<125
Bromoform	mg/kg	<69.4	<125
Carbon disulfide	mg/kg	<69.4	<125
Carbon tetrachloride	mg/kg	<69.4	<125
Chlorobenzene	mg/kg	<69.4	<125
Chlorodibromomethane	mg/kg	<69.4	<125
Chloroethane	mg/kg	<69.4	<125
Chloroform	mg/kg	<69.4	<125
2-Chloroethylvinyl ether	mg/kg	<69.4	<125
3-Chloropropene	mg/kg	<69.4	<125
1,2-Dibromo-3-chloropropane	mg/kg	<69.4	<125
Dichlorobromomethane	mg/kg	<69.4	<125

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

	Sample Point ID:	COMP-04	162
	ASC Sample Number:	JK7370	JK7371
	Sample Date:	930614	930614
	Facility Code:	014296	014296
Parameters	Units		
Total Volatile Analysis, MS, (MV00)			
Dichlorodifluoromethane	mg/kg	<69.4	<125
1,1-Dichloroethane	mg/kg	<69.4	<125
1,2-Dichloroethane	mg/kg	<69.4	<125
1,1-Dichloroethylene	mg/kg	<69.4	<125
1,2-Dichloropropane	mg/kg	<69.4	<125
cis-1,3-Dichloropropylene	mg/kg	<69.4	<125
trans-1,3-Dichloropropylene	mg/kg	<69.4	<125
Dibromomethane	mg/kg	<69.4	<125
Ethylbenzene	mg/kg	<69.4	<125
Ethylene dibromide	mg/kg	<69.4	<125
Ethyl acetate	mg/kg	<694	<1250
Ethyl ether	mg/kg	<69.4	<125
2-Hexanone	mg/kg	<69.4	<125
Iodomethane	mg/kg	<69.4	<125
Methyl bromide	mg/kg	<69.4	<125
Methyl chloride	mg/kg	<69.4	<125
Methylene chloride	mg/kg	<69.4	<125
Methyl ethyl ketone	mg/kg	<139	<250
Methyl-iso-butyl ketone	mg/kg	<139	<250
Styrene	mg/kg	<69.4	<125
1,1,1,2-Tetrachloroethane	mg/kg	<69.4	<125
1,1,2,2-Tetrachloroethane	mg/kg	<69.4	<125
Tetrachloroethylene	mg/kg	<69.4	<125
Tetrahydrofuran	mg/kg	<69.4	<125
Toluene	mg/kg	113	<125
1,1,1-Trichloroethane	mg/kg	<69.4	<125
1,1,2-Trichloroethane	mg/kg	<69.4	<125
Trichloroethylene	mg/kg	<69.4	<125
1,2-Trans-dichloroethylene	mg/kg	<69.4	<125
Trichlorofluoromethane	mg/kg	<69.4	<125
1,2,3-Trichloropropane	mg/kg	<69.4	<125
1,1,2-Trichlorotrifluoroethane	mg/kg	<139	<250
Vinyl acetate	mg/kg	<347	<625
Vinyl chloride	mg/kg	<69.4	<125
Xylenes	mg/kg	237	<125

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

	Sample Point ID:	COMP-04	162
	ASC Sample Number:	JK7370	JK7371
	Sample Date:	930614	930614
	Facility Code:	014296	014296
Parameters	Units		
RCRA TCLP Leachate (ZHE) Volatile Analysis, MS, (MV50)			
Benzene	mg/L	2080	<5.00
Carbon tetrachloride	mg/L	<50.0	<5.00
Chlorobenzene	mg/L	<50.0	<5.00
Chloroform	mg/L	<50.0	<5.00
1,4-Dichlorobenzene	mg/L	<50.0	<5.00
1,2-Dichloroethane	mg/L	<50.0	<5.00
1,1-Dichloroethylene	mg/L	<50.0	<5.00
Methyl ethyl ketone	mg/L	<100	<10.0
Tetrachloroethylene	mg/L	<50.0	<5.00
Trichloroethylene	mg/L	<50.0	<5.00
Vinyl chloride	mg/L	<50.0	<5.00

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: COMP-05
ASC Sample Number: JK7373
Sample Date: 930614
Facility Code: 014296

Parameters	Units	
Conventional Data (CV10)		
Flash Point, Seta Flash 60	Deg C	>60
Reactive Cyanide	mg/kg	<10.0
Reactive Sulfide	mg/kg	<10.0
pH (Test Strip)	std	7
Priority Pollutant PCB Analysis, GC, (GS13)		
Aroclor 1016	mg/kg	<2.25
Aroclor 1221	mg/kg	<2.25
Aroclor 1232	mg/kg	<2.25
Aroclor 1242	mg/kg	<2.25
Aroclor 1248	mg/kg	<2.25
Aroclor 1254	mg/kg	<2.25
Aroclor 1260	mg/kg	<2.25
RCRA TCLP Leachate Metals Analysis, (ME52)		
Arsenic	mg/L	<1.00
Barium	mg/L	<1.00
Cadmium	mg/L	.291
Chromium	mg/L	<.200
Lead	mg/L	277
Mercury	mg/L	.029
Selenium	mg/L	<1.00
Silver	mg/L	<.200
Total Base/Neutral/Acid Analysis, MS, (MS02)		
Acenaphthene	mg/kg	<444
Acenaphthylene	mg/kg	<444
Anthracene	mg/kg	<444
Benzidine	mg/kg	<444
Benzoic acid	mg/kg	<1110
Benzyl alcohol	mg/kg	<444
Benzo(a)anthracene	mg/kg	<444
Benzo(b)fluoranthene	mg/kg	<444
Benzo(k)fluoranthene	mg/kg	<444
Benzo(ghi)perylene	mg/kg	<444

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: COMP-05
ASC Sample Number: JK7373
Sample Date: 930614
Facility Code: 014296

Parameters	Units	
Total Base/Neutral/Acid Analysis, MS, (MS02)		
Benzo(a)pyrene	mg/kg	<444
bis(2-Chloroethoxy)ethane	mg/kg	<444
bis(2-Chloroethyl) ether	mg/kg	<444
bis(2-Chloroethoxy)methane	mg/kg	<444
bis(2-Chloroisopropyl)ether	mg/kg	<444
bis(2-Ethylhexyl)phthalate	mg/kg	<444
4-Bromophenyl phenyl ether	mg/kg	<444
Butyl benzyl phthalate	mg/kg	<444
Carbazole	mg/kg	<444
4-Chloroaniline	mg/kg	<444
p-Chloro-m-cresol	mg/kg	<444
2-Chloronaphthalene	mg/kg	<444
2-Chlorophenol	mg/kg	<444
4-Chlorophenyl phenyl ether	mg/kg	<444
3-Chloropropionitrile	mg/kg	<444
Chrysene	mg/kg	<444
Cyclohexanone	mg/kg	<444
Dibenzo(a,h)anthracene	mg/kg	<444
Dibenzofuran	mg/kg	<444
Di-n-butyl phthalate	mg/kg	<444
1,2-Dichlorobenzene	mg/kg	<444
1,3-Dichlorobenzene	mg/kg	<444
1,4-Dichlorobenzene	mg/kg	<444
3,3'-Dichlorobenzidine	mg/kg	<444
2,4-Dichlorophenol	mg/kg	<444
2,6-Dichlorophenol	mg/kg	<444
Diethyl phthalate	mg/kg	<444
Dimethyl phthalate	mg/kg	<444
2,4-Dimethylphenol	mg/kg	<444
4,6-Dinitro-o-cresol	mg/kg	<1110
2,4-Dinitrophenol	mg/kg	<2220
2,4-Dinitrotoluene	mg/kg	<444
2,6-Dinitrotoluene	mg/kg	<444
Di-n-octyl phthalate	mg/kg	<444
2-Ethoxyethanol	mg/kg	<6670

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: COMP-05
ASC Sample Number: JK7373
Sample Date: 930614
Facility Code: 014296

Parameters	Units	
Total Base/Neutral/Acid Analysis, MS, (MS02)		
Fluoranthene	mg/kg	<444
Fluorene	mg/kg	<444
Hexachlorobenzene	mg/kg	<444
Hexachlorobutadiene	mg/kg	<444
Hexachlorocyclopentadiene	mg/kg	<444
Hexachloroethane	mg/kg	<444
Hexachloropropene	mg/kg	<444
Indeno(1,2,3-c,d)pyrene	mg/kg	<444
Isophorone	mg/kg	<444
4,4'-Methylenebis(2-chloroaniline)	mg/kg	<444
2-Methylnaphthalene	mg/kg	<444
2-Methylphenol	mg/kg	<444
4-Methylphenol	mg/kg	<444
2-Nitropropane	mg/kg	<444
N-Nitrosodimethylamine	mg/kg	<444
N-Nitrosodi-n-propylamine	mg/kg	<444
N-Nitrosodiphenylamine	mg/kg	<444
Naphthalene	mg/kg	<444
2-Nitroaniline	mg/kg	<444
3-Nitroaniline	mg/kg	<444
4-Nitroaniline	mg/kg	<444
Nitrobenzene	mg/kg	<444
2-Nitrophenol	mg/kg	<444
4-Nitrophenol	mg/kg	<2220
Pentachlorobenzene	mg/kg	<444
Pentachloronitrobenzene	mg/kg	<444
Pentachlorophenol	mg/kg	<444
Pentachloroethane	mg/kg	<444
Phenanthrene	mg/kg	<444
Phenol	mg/kg	<444
Pronamide	mg/kg	<444
Pyrene	mg/kg	<444
Pyridine	mg/kg	<444
1,2,4,5-Tetrachlorobenzene	mg/kg	<444
2,3,4,6-Tetrachlorophenol	mg/kg	<444

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: COMP-05
ASC Sample Number: JK7373
Sample Date: 930614
Facility Code: 014296

Parameters	Units	
Total Base/Neutral/Acid Analysis, MS, (MS02)		
1,2,4-Trichlorobenzene	mg/kg	<444
2,4,5-Trichlorophenol	mg/kg	<444
2,4,6-Trichlorophenol	mg/kg	<444
RCRA TCLP Leachate Base/Neutral/Acid Analysis, MS, (MS52)		
2,4-Dinitrotoluene	mg/L	<.100
Hexachlorobenzene	mg/L	<.100
Hexachloroethane	mg/L	<.100
Hexachlorobutadiene	mg/L	<.100
Lindane	mg/L	<.100
Methoxychlor	mg/L	<.100
2-Methylphenol	mg/L	<.100
4-Methylphenol	mg/L	<.100
Nitrobenzene	mg/L	<.100
Pentachlorophenol	mg/L	<.100
Pyridine	mg/L	<.100
2,4,5-Trichlorophenol	mg/L	<.100
2,4,6-Trichlorophenol	mg/L	<.100
Total Volatile Analysis, MS, (MV00)		
Acetone	mg/kg	<.694
Acrolein	mg/kg	<3.47
Acrylonitrile	mg/kg	<1.74
Benzene	mg/kg	<.694
Bromoform	mg/kg	<.694
Carbon disulfide	mg/kg	<.694
Carbon tetrachloride	mg/kg	<.694
Chlorobenzene	mg/kg	<.694
Chlorodibromomethane	mg/kg	<.694
Chloroethane	mg/kg	<.694
Chloroform	mg/kg	<.694
2-Chloroethylvinyl ether	mg/kg	<.694
3-Chloropropene	mg/kg	<.694
1,2-Dibromo-3-chloropropane	mg/kg	<.694
Dichlorobromomethane	mg/kg	<.694

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: COMP-05
ASC Sample Number: JK7373
Sample Date: 930614
Facility Code: 014296

Parameters	Units	
Total Volatile Analysis, MS, (MV00)		
Dichlorodifluoromethane	mg/kg	<.694
1,1-Dichloroethane	mg/kg	<.694
1,2-Dichloroethane	mg/kg	<.694
1,1-Dichloroethylene	mg/kg	<.694
1,2-Dichloropropane	mg/kg	<.694
cis-1,3-Dichloropropylene	mg/kg	<.694
trans-1,3-Dichloropropylene	mg/kg	<.694
Dibromomethane	mg/kg	<.694
Ethylbenzene	mg/kg	<.694
Ethylene dibromide	mg/kg	<.694
Ethyl acetate	mg/kg	<6.94
Ethyl ether	mg/kg	<.694
2-Hexanone	mg/kg	<.694
Iodomethane	mg/kg	<.694
Methyl bromide	mg/kg	<.694
Methyl chloride	mg/kg	<.694
Methylene chloride	mg/kg	<.694
Methyl ethyl ketone	mg/kg	<1.39
Methyl-iso-butyl ketone	mg/kg	<1.39
Styrene	mg/kg	<.694
1,1,1,2-Tetrachloroethane	mg/kg	<.694
1,1,2,2-Tetrachloroethane	mg/kg	<.694
Tetrachloroethylene	mg/kg	<.694
Tetrahydrofuran	mg/kg	<.694
Toluene	mg/kg	<.694
1,1,1-Trichloroethane	mg/kg	<.694
1,1,2-Trichloroethane	mg/kg	<.694
Trichloroethylene	mg/kg	<.694
1,2-Trans-dichloroethylene	mg/kg	<.694
Trichlorofluoromethane	mg/kg	<.694
1,2,3-Trichloropropane	mg/kg	<.694
1,1,2-Trichlorotrifluoroethane	mg/kg	<1.39
Vinyl acetate	mg/kg	<3.47
Vinyl chloride	mg/kg	<.694
Xylenes	mg/kg	1.69

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: COMP-05
ASC Sample Number: JK7373
Sample Date: 930614
Facility Code: 014296

Parameters	Units	
RCRA TCLP Leachate (ZHE) Volatile Analysis, MS, (MV50)		
Benzene	mg/L	<.125
Carbon tetrachloride	mg/L	<.125
Chlorobenzene	mg/L	<.125
Chloroform	mg/L	<.125
1,4-Dichlorobenzene	mg/L	<.125
1,2-Dichloroethane	mg/L	<.125
1,1-Dichloroethylene	mg/L	<.125
Methyl ethyl ketone	mg/L	<.250
Tetrachloroethylene	mg/L	<.125
Trichloroethylene	mg/L	<.125
Vinyl chloride	mg/L	<.125

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: 232
ASC Sample Number: JK7375
Sample Date: 930614
Facility Code: 014296

Parameters	Units	
Conventional Data (CV10)		
Flash Point, Seta Flash 60	Deg C	>60
Reactive Cyanide	mg/kg	<10.0
Reactive Sulfide	mg/kg	<10.0
pH (Test Strip)	std	9
Priority Pollutant PCB Analysis, GC, (GS13)		
Aroclor 1016	mg/kg	<.203
Aroclor 1221	mg/kg	<.203
Aroclor 1232	mg/kg	<.203
Aroclor 1242	mg/kg	<.203
Aroclor 1248	mg/kg	<.203
Aroclor 1254	mg/kg	<.203
Aroclor 1260	mg/kg	<.203
RCRA TCLP Leachate Herbicide Analysis, GC, (GS52)		
2,4-D	mg/L	<.250
2,4,5-TP (Silvex)	mg/L	<.250
RCRA TCLP Leachate Pesticide Analysis, GC, (GS54)		
Chlordane	mg/L	<.020
Endrin	mg/L	<.002
Heptachlor	mg/L	<.002
Heptachlor epoxide	mg/L	<.002
Toxaphene	mg/L	<.040
RCRA TCLP Leachate Metals Analysis, (ME52)		
Arsenic	mg/L	<.100
Barium	mg/L	1.01
Cadmium	mg/L	.030
Chromium	mg/L	<.020
Lead	mg/L	3.29
Mercury	mg/L	<.001
Selenium	mg/L	<.100
Silver	mg/L	<.020

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: 232
ASC Sample Number: JK7375
Sample Date: 930614
Facility Code: 014296

Parameters	Units	
RCRA TCLP Leachate Base/Neutral/Acid Analysis, MS, (MS52)		
2,4-Dinitrotoluene	mg/L	<.100
Hexachlorobenzene	mg/L	<.100
Hexachloroethane	mg/L	<.100
Hexachlorobutadiene	mg/L	<.100
Lindane	mg/L	<.100
Methoxychlor	mg/L	<.100
2-Methylphenol	mg/L	<.100
4-Methylphenol	mg/L	<.100
Nitrobenzene	mg/L	<.100
Pentachlorophenol	mg/L	<.100
Pyridine	mg/L	<.100
2,4,5-Trichlorophenol	mg/L	<.100
2,4,6-Trichlorophenol	mg/L	<.100
RCRA TCLP Leachate (ZHE) Volatile Analysis, MS, (MV50)		
Benzene	mg/L	<.125
Carbon tetrachloride	mg/L	<.125
Chlorobenzene	mg/L	<.125
Chloroform	mg/L	<.125
1,4-Dichlorobenzene	mg/L	<.125
1,2-Dichloroethane	mg/L	<.125
1,1-Dichloroethylene	mg/L	<.125
Methyl ethyl ketone	mg/L	<.250
Tetrachloroethylene	mg/L	<.125
Trichloroethylene	mg/L	<.125
Vinyl chloride	mg/L	<.125

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: 248
ASC Sample Number: JK7376
Sample Date: 930614
Facility Code: 014296

Parameters	Units	
Conventional Data (CV10)		
Ash	%	38.7
BTU/lb	BTU/lb	1150
Flash Point, Seta Flash 60	Deg C	>60
Reactive Cyanide	mg/L	15.3
Reactive Sulfide	mg/L	<10.0
pH (Test Strip)	std	13
Priority Pollutant PCB Analysis, GC, (GS13)		
Aroclor 1016	mg/L	<.685
Aroclor 1221	mg/L	<.685
Aroclor 1232	mg/L	<.685
Aroclor 1242	mg/L	<.685
Aroclor 1248	mg/L	<.685
Aroclor 1254	mg/L	<.685
Aroclor 1260	mg/L	<.685
RCRA TCLP Leachate Herbicide Analysis, GC, (GS52)		
2,4-D	mg/L	<.250
2,4,5-TP (Silvex)	mg/L	<.250
RCRA TCLP Leachate Pesticide Analysis, GC, (GS54)		
Chlordane	mg/L	<.020
Endrin	mg/L	<.002
Heptachlor	mg/L	<.002
Heptachlor epoxide	mg/L	<.002
Toxaphene	mg/L	<.040
RCRA TCLP Leachate Metals Analysis, (ME52)		
Arsenic	mg/L	<1.00
Barium	mg/L	<1.00
Cadmium	mg/L	<.050
Chromium	mg/L	<.200
Lead	mg/L	<1.00
Mercury	mg/L	<.001

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: 248
ASC Sample Number: JK7376
Sample Date: 930614
Facility Code: 014296

Parameters	Units	
RCRA TCLP Leachate Metals Analysis, (ME52)		
Selenium	mg/L	<1.00
Silver	mg/L	<.200
Total Base/Neutral/Acid Analysis, MS, (MS02)		
Acenaphthene	mg/L	<6.85
Acenaphthylene	mg/L	<6.85
Anthracene	mg/L	<6.85
Benzidine	mg/L	<6.85
Benzoic acid	mg/L	<17.1
Benzyl alcohol	mg/L	<6.85
Benzo(a)anthracene	mg/L	<6.85
Benzo(b)fluoranthene	mg/L	<6.85
Benzo(k)fluoranthene	mg/L	<6.85
Benzo(ghi)perylene	mg/L	<6.85
Benzo(a)pyrene	mg/L	<6.85
bis(2-Chloroethoxy)ethane	mg/L	<6.85
bis(2-Chloroethyl) ether	mg/L	<6.85
bis(2-Chloroethoxy)methane	mg/L	<6.85
bis(2-Chloroisopropyl)ether	mg/L	<6.85
bis(2-Ethylhexyl)phthalate	mg/L	<6.85
4-Bromophenyl phenyl ether	mg/L	<6.85
Butyl benzyl phthalate	mg/L	<6.85
Carbazole	mg/L	<6.85
4-Chloroaniline	mg/L	<6.85
p-Chloro-m-cresol	mg/L	<6.85
2-Chloronaphthalene	mg/L	<6.85
2-Chlorophenol	mg/L	<6.85
4-Chlorophenyl phenyl ether	mg/L	<6.85
3-Chloropropionitrile	mg/L	<6.85
Chrysene	mg/L	<6.85
Cyclohexanone	mg/L	<6.85
Dibenzo(a,h)anthracene	mg/L	<6.85
Dibenzofuran	mg/L	<6.85
Di-n-butyl phthalate	mg/L	<6.85
1,2-Dichlorobenzene	mg/L	<6.85

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: 248
ASC Sample Number: JK7376
Sample Date: 930614
Facility Code: 014296

Parameters	Units	
Total Base/Neutral/Acid Analysis, MS, (MS02)		
1,3-Dichlorobenzene	mg/L	<6.85
1,4-Dichlorobenzene	mg/L	<6.85
3,3'-Dichlorobenzidine	mg/L	<6.85
2,4-Dichlorophenol	mg/L	<6.85
2,6-Dichlorophenol	mg/L	<6.85
Diethyl phthalate	mg/L	<6.85
Dimethyl phthalate	mg/L	<6.85
2,4-Dimethylphenol	mg/L	<6.85
4,6-Dinitro-o-cresol	mg/L	<17.1
2,4-Dinitrophenol	mg/L	<34.2
2,4-Dinitrotoluene	mg/L	<6.85
2,6-Dinitrotoluene	mg/L	<6.85
Di-n-octyl phthalate	mg/L	<6.85
2-Ethoxyethanol	mg/L	<103
Fluoranthene	mg/L	<6.85
Fluorene	mg/L	<6.85
Hexachlorobenzene	mg/L	<6.85
Hexachlorobutadiene	mg/L	<6.85
Hexachlorocyclopentadiene	mg/L	<6.85
Hexachloroethane	mg/L	<6.85
Hexachloropropene	mg/L	<6.85
Indeno(1,2,3-c,d)pyrene	mg/L	<6.85
Isophorone	mg/L	<6.85
4,4'-Methylenebis(2-chloroaniline)	mg/L	<6.85
2-Methylnaphthalene	mg/L	<6.85
2-Methylphenol	mg/L	<6.85
4-Methylphenol	mg/L	<6.85
2-Nitropropane	mg/L	<6.85
N-Nitrosodimethylamine	mg/L	<6.85
N-Nitrosodi-n-propylamine	mg/L	<6.85
N-Nitrosodiphenylamine	mg/L	<6.85
Naphthalene	mg/L	<6.85
2-Nitroaniline	mg/L	<6.85
3-Nitroaniline	mg/L	<6.85
4-Nitroaniline	mg/L	<6.85

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: 248
ASC Sample Number: JK7376
Sample Date: 930614
Facility Code: 014296

Parameters	Units	
Total Base/Neutral/Acid Analysis, MS, (MS02)		
Nitrobenzene	mg/L	<6.85
2-Nitrophenol	mg/L	<6.85
4-Nitrophenol	mg/L	<34.2
Pentachlorobenzene	mg/L	<6.85
Pentachloronitrobenzene	mg/L	<6.85
Pentachlorophenol	mg/L	<6.85
Pentachloroethane	mg/L	<6.85
Phenanthrene	mg/L	<6.85
Phenol	mg/L	<6.85
Pronamide	mg/L	<6.85
Pyrene	mg/L	<6.85
Pyridine	mg/L	<6.85
1,2,4,5-Tetrachlorobenzene	mg/L	<6.85
2,3,4,6-Tetrachlorophenol	mg/L	<6.85
1,2,4-Trichlorobenzene	mg/L	<6.85
2,4,5-Trichlorophenol	mg/L	<6.85
2,4,6-Trichlorophenol	mg/L	<6.85
RCRA TCLP Leachate Base/Neutral/Acid Analysis, MS, (MS52)		
2,4-Dinitrotoluene	mg/L	<.100
Hexachlorobenzene	mg/L	<.100
Hexachloroethane	mg/L	<.100
Hexachlorobutadiene	mg/L	<.100
Lindane	mg/L	<.100
Methoxychlor	mg/L	<.100
2-Methylphenol	mg/L	<.100
4-Methylphenol	mg/L	.157
Nitrobenzene	mg/L	<.100
Pentachlorophenol	mg/L	<.100
Pyridine	mg/L	<.100
2,4,5-Trichlorophenol	mg/L	<.100
2,4,6-Trichlorophenol	mg/L	<.100

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: 248
ASC Sample Number: JK7376
Sample Date: 930614
Facility Code: 014296

Parameters	Units	
Total Volatile Analysis, MS, (MV00)		
Acetone	mg/L	<2.50
Acrolein	mg/L	<12.5
Acrylonitrile	mg/L	<6.25
Benzene	mg/L	<2.50
Bromoform	mg/L	<2.50
Carbon disulfide	mg/L	<2.50
Carbon tetrachloride	mg/L	<2.50
Chlorobenzene	mg/L	<2.50
Chlorodibromomethane	mg/L	<2.50
Chloroethane	mg/L	<2.50
Chloroform	mg/L	<2.50
2-Chloroethylvinyl ether	mg/L	<2.50
3-Chloropropene	mg/L	<2.50
1,2-Dibromo-3-chloropropane	mg/L	<2.50
Dichlorobromomethane	mg/L	<2.50
Dichlorodifluoromethane	mg/L	<2.50
1,1-Dichloroethane	mg/L	<2.50
1,2-Dichloroethane	mg/L	<2.50
1,1-Dichloroethylene	mg/L	<2.50
1,2-Dichloropropane	mg/L	<2.50
cis-1,3-Dichloropropylene	mg/L	<2.50
trans-1,3-Dichloropropylene	mg/L	<2.50
Dibromomethane	mg/L	<2.50
Ethylbenzene	mg/L	<2.50
Ethylene dibromide	mg/L	<2.50
Ethyl acetate	mg/L	<25.0
Ethyl ether	mg/L	<2.50
2-Hexanone	mg/L	<2.50
Iodomethane	mg/L	<2.50
Methyl bromide	mg/L	<2.50
Methyl chloride	mg/L	<2.50
Methylene chloride	mg/L	<2.50
Methyl ethyl ketone	mg/L	<5.00
Methyl-iso-butyl ketone	mg/L	<5.00
Styrene	mg/L	<2.50

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: 248
ASC Sample Number: JK7376
Sample Date: 930614
Facility Code: 014296

Parameters	Units	
Total Volatile Analysis, MS, (MV00)		
1,1,1,2-Tetrachloroethane	mg/L	<2.50
1,1,2,2-Tetrachloroethane	mg/L	<2.50
Tetrachloroethylene	mg/L	<2.50
Tetrahydrofuran	mg/L	<2.50
Toluene	mg/L	<2.50
1,1,1-Trichloroethane	mg/L	<2.50
1,1,2-Trichloroethane	mg/L	<2.50
Trichloroethylene	mg/L	<2.50
1,2-Trans-dichloroethylene	mg/L	<2.50
Trichlorofluoromethane	mg/L	<2.50
1,2,3-Trichloropropane	mg/L	<2.50
1,1,2-Trichlorotrifluoroethane	mg/L	<5.00
Vinyl acetate	mg/L	<12.5
Vinyl chloride	mg/L	<2.50
Xylenes	mg/L	<2.50
RCRA TCLP Leachate (ZHE) Volatile Analysis, MS, (MV50)		
Benzene	mg/L	<.125
Carbon tetrachloride	mg/L	<.125
Chlorobenzene	mg/L	<.125
Chloroform	mg/L	<.125
1,4-Dichlorobenzene	mg/L	<.125
1,2-Dichloroethane	mg/L	<.125
1,1-Dichloroethylene	mg/L	<.125
Methyl ethyl ketone	mg/L	<.250
Tetrachloroethylene	mg/L	<.125
Trichloroethylene	mg/L	<.125
Vinyl chloride	mg/L	<.125

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: 136
ASC Sample Number: JK7377
Sample Date: 930610
Facility Code: 014296

Parameters	Units	
Conventional Data (CV10)		
Ash	%	85.3
Flash Point, Seta Flash 60	Deg C	>60
Reactive Cyanide	mg/kg	<10.0
Reactive Sulfide	mg/kg	<10.0
pH (Test Strip)	std	7
Priority Pollutant PCB Analysis, GC, (GS13)		
Aroclor 1016	mg/kg	<.162
Aroclor 1221	mg/kg	<.162
Aroclor 1232	mg/kg	<.162
Aroclor 1242	mg/kg	<.162
Aroclor 1248	mg/kg	<.162
Aroclor 1254	mg/kg	<.162
Aroclor 1260	mg/kg	<.162
RCRA TCLP Leachate Metals Analysis, (ME52)		
Arsenic	mg/L	.179
Barium	mg/L	.182
Cadmium	mg/L	<.005
Chromium	mg/L	.050
Lead	mg/L	2.24
Mercury	mg/L	<.001
Selenium	mg/L	<.100
Silver	mg/L	<.020
Total Base/Neutral/Acid Analysis, MS, (MS02)		
Acenaphthene	mg/kg	<.325
Acenaphthylene	mg/kg	<.325
Anthracene	mg/kg	<.325
Benzidine	mg/kg	<.325
Benzoic acid	mg/kg	<.812
Benzyl alcohol	mg/kg	<.325
Benzo(a)anthracene	mg/kg	<.325
Benzo(b)fluoranthene	mg/kg	<.325
Benzo(k)fluoranthene	mg/kg	<.325

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: 136
ASC Sample Number: JK7377
Sample Date: 930610
Facility Code: 014296

Parameters	Units	
Total Base/Neutral/Acid Analysis, MS, (MS02)		
Benzo(ghi)perylene	mg/kg	<.325
Benzo(a)pyrene	mg/kg	<.325
bis(2-Chloroethoxy)ethane	mg/kg	<.325
bis(2-Chloroethyl) ether	mg/kg	<.325
bis(2-Chloroethoxy)methane	mg/kg	<.325
bis(2-Chloroisopropyl)ether	mg/kg	<.325
bis(2-Ethylhexyl)phthalate	mg/kg	<.325
4-Bromophenyl phenyl ether	mg/kg	<.325
Butyl benzyl phthalate	mg/kg	<.325
Carbazole	mg/kg	<.325
4-Chloroaniline	mg/kg	<.325
p-Chloro-m-cresol	mg/kg	<.325
2-Chloronaphthalene	mg/kg	<.325
2-Chlorophenol	mg/kg	<.325
4-Chlorophenyl phenyl ether	mg/kg	<.325
3-Chloropropionitrile	mg/kg	<.325
Chrysene	mg/kg	<.325
Cyclohexanone	mg/kg	<.325
Dibenzo(a,h)anthracene	mg/kg	<.325
Dibenzofuran	mg/kg	<.325
Di-n-butyl phthalate	mg/kg	<.325
1,2-Dichlorobenzene	mg/kg	<.325
1,3-Dichlorobenzene	mg/kg	<.325
1,4-Dichlorobenzene	mg/kg	<.325
3,3'-Dichlorobenzidine	mg/kg	<.325
2,4-Dichlorophenol	mg/kg	<.325
2,6-Dichlorophenol	mg/kg	<.325
Diethyl phthalate	mg/kg	<.325
Dimethyl phthalate	mg/kg	<.325
2,4-Dimethylphenol	mg/kg	<.325
4,6-Dinitro-o-cresol	mg/kg	<.812
2,4-Dinitrophenol	mg/kg	<1.62
2,4-Dinitrotoluene	mg/kg	<.325
2,6-Dinitrotoluene	mg/kg	<.325
Di-n-octyl phthalate	mg/kg	<.325

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: 136
ASC Sample Number: JK7377
Sample Date: 930610
Facility Code: 014296

Parameters	Units	
Total Base/Neutral/Acid Analysis, MS, (MS02)		
2-Ethoxyethanol	mg/kg	<4.87
Fluoranthene	mg/kg	<.325
Fluorene	mg/kg	<.325
Hexachlorobenzene	mg/kg	<.325
Hexachlorobutadiene	mg/kg	<.325
Hexachlorocyclopentadiene	mg/kg	<.325
Hexachloroethane	mg/kg	<.325
Hexachloropropene	mg/kg	<.325
Indeno(1,2,3-c,d)pyrene	mg/kg	<.325
Isophorone	mg/kg	<.325
4,4'-Methylenebis(2-chloroaniline)	mg/kg	<.325
2-Methylnaphthalene	mg/kg	<.325
2-Methylphenol	mg/kg	<.325
4-Methylphenol	mg/kg	<.325
2-Nitropropane	mg/kg	<.325
N-Nitrosodimethylamine	mg/kg	<.325
N-Nitrosodi-n-propylamine	mg/kg	<.325
N-Nitrosodiphenylamine	mg/kg	<.325
Naphthalene	mg/kg	<.325
2-Nitroaniline	mg/kg	<.325
3-Nitroaniline	mg/kg	<.325
4-Nitroaniline	mg/kg	<.325
Nitrobenzene	mg/kg	<.325
2-Nitrophenol	mg/kg	<.325
4-Nitrophenol	mg/kg	<1.62
Pentachlorobenzene	mg/kg	<.325
Pentachloronitrobenzene	mg/kg	<.325
Pentachlorophenol	mg/kg	<.325
Pentachloroethane	mg/kg	<.325
Phenanthrene	mg/kg	<.325
Phenol	mg/kg	<.325
Pronamide	mg/kg	<.325
Pyrene	mg/kg	<.325
Pyridine	mg/kg	<.325
1,2,4,5-Tetrachlorobenzene	mg/kg	<.325

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: 136
ASC Sample Number: JK7377
Sample Date: 930610
Facility Code: 014296

Parameters	Units	
Total Base/Neutral/Acid Analysis, MS, (MS02)		
2,3,4,6-Tetrachlorophenol	mg/kg	<.325
1,2,4-Trichlorobenzene	mg/kg	<.325
2,4,5-Trichlorophenol	mg/kg	<.325
2,4,6-Trichlorophenol	mg/kg	<.325
RCRA TCLP Leachate Base/Neutral/Acid Analysis, MS, (MS52)		
2,4-Dinitrotoluene	mg/L	<.100
Hexachlorobenzene	mg/L	<.100
Hexachloroethane	mg/L	<.100
Hexachlorobutadiene	mg/L	<.100
Lindane	mg/L	<.100
Methoxychlor	mg/L	<.100
2-Methylphenol	mg/L	<.100
4-Methylphenol	mg/L	<.100
Nitrobenzene	mg/L	<.100
Pentachlorophenol	mg/L	<.100
Pyridine	mg/L	<.100
2,4,5-Trichlorophenol	mg/L	<.100
2,4,6-Trichlorophenol	mg/L	<.100
Total Volatile Analysis, MS, (MV00)		
Acetone	mg/kg	.046
Acrolein	mg/kg	<.128
Acrylonitrile	mg/kg	<.064
Benzene	mg/kg	<.026
Bromoform	mg/kg	<.026
Carbon disulfide	mg/kg	<.026
Carbon tetrachloride	mg/kg	<.026
Chlorobenzene	mg/kg	<.026
Chlorodibromomethane	mg/kg	<.026
Chloroethane	mg/kg	<.026
Chloroform	mg/kg	<.026
2-Chloroethylvinyl ether	mg/kg	<.026
3-Chloropropene	mg/kg	<.026
1,2-Dibromo-3-chloropropane	mg/kg	<.026
Dichlorobromomethane	mg/kg	<.026

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: 136
ASC Sample Number: JK7377
Sample Date: 930610
Facility Code: 014296

Parameters	Units	
Total Volatile Analysis, MS, (MV00)		
Dichlorodifluoromethane	mg/kg	<.026
1,1-Dichloroethane	mg/kg	<.026
1,2-Dichloroethane	mg/kg	<.026
1,1-Dichloroethylene	mg/kg	<.026
1,2-Dichloropropane	mg/kg	<.026
cis-1,3-Dichloropropylene	mg/kg	<.026
trans-1,3-Dichloropropylene	mg/kg	<.026
Dibromomethane	mg/kg	<.026
Ethylbenzene	mg/kg	<.026
Ethylene dibromide	mg/kg	<.026
Ethyl acetate	mg/kg	<.255
Ethyl ether	mg/kg	<.026
2-Hexanone	mg/kg	<.026
Iodomethane	mg/kg	<.026
Methyl bromide	mg/kg	<.026
Methyl chloride	mg/kg	<.026
Methylene chloride	mg/kg	<.026
Methyl ethyl ketone	mg/kg	<.051
Methyl-iso-butyl ketone	mg/kg	<.051
Styrene	mg/kg	<.026
1,1,1,2-Tetrachloroethane	mg/kg	<.026
1,1,2,2-Tetrachloroethane	mg/kg	<.026
Tetrachloroethylene	mg/kg	<.026
Tetrahydrofuran	mg/kg	<.026
Toluene	mg/kg	<.026
1,1,1-Trichloroethane	mg/kg	<.026
1,1,2-Trichloroethane	mg/kg	<.026
Trichloroethylene	mg/kg	<.026
1,2-Trans-dichloroethylene	mg/kg	<.026
Trichlorofluoromethane	mg/kg	<.026
1,2,3-Trichloropropane	mg/kg	<.026
1,1,2-Trichlorotrifluoroethane	mg/kg	<.051
Vinyl acetate	mg/kg	<.128
Vinyl chloride	mg/kg	<.026
Xylenes	mg/kg	<.026

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: 136
ASC Sample Number: JK7377
Sample Date: 930610
Facility Code: 014296

Parameters	Units	
RCRA TCLP Leachate (ZHE) Volatile Analysis, MS, (MV50)		
Benzene	mg/L	<.125
Carbon tetrachloride	mg/L	<.125
Chlorobenzene	mg/L	<.125
Chloroform	mg/L	<.125
1,4-Dichlorobenzene	mg/L	<.125
1,2-Dichloroethane	mg/L	<.125
1,1-Dichloroethylene	mg/L	<.125
Methyl ethyl ketone	mg/L	<.250
Tetrachloroethylene	mg/L	<.125
Trichloroethylene	mg/L	<.125
Vinyl chloride	mg/L	<.125

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: 114
ASC Sample Number: JK7378
Sample Date: 930610
Facility Code: 014296

Parameters	Units	
Conventional Data (CV10)		
Ash	%	65.8
Flash Point, Seta Flash 60	Deg C	>60
Reactive Cyanide	mg/kg	<10.0
Reactive Sulfide	mg/kg	<10.0
pH (Test Strip)	std	11
Priority Pollutant PCB Analysis, GC, (GS13)		
Aroclor 1016	mg/kg	<2.12
Aroclor 1221	mg/kg	<2.12
Aroclor 1232	mg/kg	<2.12
Aroclor 1242	mg/kg	<2.12
Aroclor 1248	mg/kg	<2.12
Aroclor 1254	mg/kg	8.00
Aroclor 1260	mg/kg	<2.12
RCRA TCLP Leachate Metals Analysis, (ME52)		
Arsenic	mg/L	1.33
Barium	mg/L	.181
Cadmium	mg/L	<.005
Chromium	mg/L	.245
Lead	mg/L	17.1
Mercury	mg/L	.015
Selenium	mg/L	.206
Silver	mg/L	<.020
Total Base/Neutral/Acid Analysis, MS, (MS02)		
Acenaphthene	mg/kg	<12.7
Acenaphthylene	mg/kg	<12.7
Anthracene	mg/kg	<12.7
Benzidine	mg/kg	<12.7
Benzoic acid	mg/kg	<31.8
Benzyl alcohol	mg/kg	<12.7
Benzo(a)anthracene	mg/kg	<12.7
Benzo(b)fluoranthene	mg/kg	<12.7
Benzo(k)fluoranthene	mg/kg	<12.7

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: 114
ASC Sample Number: JK7378
Sample Date: 930610
Facility Code: 014296

Parameters	Units	
Total Base/Neutral/Acid Analysis, MS, (MS02)		
Benzo(ghi)perylene	mg/kg	<12.7
Benzo(a)pyrene	mg/kg	<12.7
bis(2-Chloroethoxy)ethane	mg/kg	<12.7
bis(2-Chloroethyl) ether	mg/kg	<12.7
bis(2-Chloroethoxy)methane	mg/kg	<12.7
bis(2-Chloroisopropyl)ether	mg/kg	<12.7
bis(2-Ethylhexyl)phthalate	mg/kg	13.1
4-Bromophenyl phenyl ether	mg/kg	<12.7
Butyl benzyl phthalate	mg/kg	<12.7
Carbazole	mg/kg	<12.7
4-Chloroaniline	mg/kg	<12.7
p-Chloro-m-cresol	mg/kg	<12.7
2-Chloronaphthalene	mg/kg	<12.7
2-Chlorophenol	mg/kg	<12.7
4-Chlorophenyl phenyl ether	mg/kg	<12.7
3-Chloropropionitrile	mg/kg	<12.7
Chrysene	mg/kg	<12.7
Cyclohexanone	mg/kg	<12.7
Dibenzo(a,h)anthracene	mg/kg	<12.7
Dibenzofuran	mg/kg	<12.7
Di-n-butyl phthalate	mg/kg	<12.7
1,2-Dichlorobenzene	mg/kg	<12.7
1,3-Dichlorobenzene	mg/kg	<12.7
1,4-Dichlorobenzene	mg/kg	<12.7
3,3'-Dichlorobenzidine	mg/kg	<12.7
2,4-Dichlorophenol	mg/kg	<12.7
2,6-Dichlorophenol	mg/kg	<12.7
Diethyl phthalate	mg/kg	<12.7
Dimethyl phthalate	mg/kg	<12.7
2,4-Dimethylphenol	mg/kg	<12.7
4,6-Dinitro-o-cresol	mg/kg	<31.8
2,4-Dinitrophenol	mg/kg	<63.7
2,4-Dinitrotoluene	mg/kg	<12.7
2,6-Dinitrotoluene	mg/kg	<12.7
Di-n-octyl phthalate	mg/kg	<12.7

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: 114
ASC Sample Number: JK7378
Sample Date: 930610
Facility Code: 014296

Parameters	Units	
Total Base/Neutral/Acid Analysis, MS, (MS02)		
2-Ethoxyethanol	mg/kg	<191
Fluoranthene	mg/kg	<12.7
Fluorene	mg/kg	<12.7
Hexachlorobenzene	mg/kg	<12.7
Hexachlorobutadiene	mg/kg	<12.7
Hexachlorocyclopentadiene	mg/kg	<12.7
Hexachloroethane	mg/kg	<12.7
Hexachloropropene	mg/kg	<12.7
Indeno(1,2,3-c,d)pyrene	mg/kg	<12.7
Isophorone	mg/kg	<12.7
4,4'-Methylenebis(2-chloroaniline)	mg/kg	<12.7
2-Methylnaphthalene	mg/kg	<12.7
2-Methylphenol	mg/kg	<12.7
4-Methylphenol	mg/kg	<12.7
2-Nitropropane	mg/kg	<12.7
N-Nitrosodimethylamine	mg/kg	<12.7
N-Nitrosodi-n-propylamine	mg/kg	<12.7
N-Nitrosodiphenylamine	mg/kg	<12.7
Naphthalene	mg/kg	<12.7
2-Nitroaniline	mg/kg	<12.7
3-Nitroaniline	mg/kg	<12.7
4-Nitroaniline	mg/kg	<12.7
Nitrobenzene	mg/kg	<12.7
2-Nitrophenol	mg/kg	<12.7
4-Nitrophenol	mg/kg	<63.7
Pentachlorobenzene	mg/kg	<12.7
Pentachloronitrobenzene	mg/kg	<12.7
Pentachlorophenol	mg/kg	<12.7
Pentachloroethane	mg/kg	<12.7
Phenanthrene	mg/kg	<12.7
Phenol	mg/kg	<12.7
Pronamide	mg/kg	<12.7
Pyrene	mg/kg	<12.7
Pyridine	mg/kg	<12.7
1,2,4,5-Tetrachlorobenzene	mg/kg	<12.7

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: 114
ASC Sample Number: JK7378
Sample Date: 930610
Facility Code: 014296

Parameters	Units	
Total Base/Neutral/Acid Analysis, MS, (MS02)		
2,3,4,6-Tetrachlorophenol	mg/kg	<12.7
1,2,4-Trichlorobenzene	mg/kg	<12.7
2,4,5-Trichlorophenol	mg/kg	<12.7
2,4,6-Trichlorophenol	mg/kg	<12.7
RCRA TCLP Leachate Base/Neutral/Acid Analysis, MS, (MS52)		
2,4-Dinitrotoluene	mg/L	<.100
Hexachlorobenzene	mg/L	<.100
Hexachloroethane	mg/L	<.100
Hexachlorobutadiene	mg/L	<.100
Lindane	mg/L	<.100
Methoxychlor	mg/L	<.100
2-Methylphenol	mg/L	<.100
4-Methylphenol	mg/L	<.100
Nitrobenzene	mg/L	<.100
Pentachlorophenol	mg/L	<.100
Pyridine	mg/L	<.100
2,4,5-Trichlorophenol	mg/L	<.100
2,4,6-Trichlorophenol	mg/L	<.100
Total Volatile Analysis, MS, (MV00)		
Acetone	mg/kg	<.045
Acrolein	mg/kg	<.227
Acrylonitrile	mg/kg	<.114
Benzene	mg/kg	<.045
Bromoform	mg/kg	<.045
Carbon disulfide	mg/kg	<.045
Carbon tetrachloride	mg/kg	<.045
Chlorobenzene	mg/kg	<.045
Chlorodibromomethane	mg/kg	<.045
Chloroethane	mg/kg	<.045
Chloroform	mg/kg	<.045
2-Chloroethylvinyl ether	mg/kg	<.045
3-Chloropropene	mg/kg	<.045
1,2-Dibromo-3-chloropropane	mg/kg	<.045
Dichlorobromomethane	mg/kg	<.045

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: 114
ASC Sample Number: JK7378
Sample Date: 930610
Facility Code: 014296

Parameters	Units	
Total Volatile Analysis, MS, (MV00)		
Dichlorodifluoromethane	mg/kg	<.045
1,1-Dichloroethane	mg/kg	<.045
1,2-Dichloroethane	mg/kg	<.045
1,1-Dichloroethylene	mg/kg	<.045
1,2-Dichloropropane	mg/kg	<.045
cis-1,3-Dichloropropylene	mg/kg	<.045
trans-1,3-Dichloropropylene	mg/kg	<.045
Dibromomethane	mg/kg	<.045
Ethylbenzene	mg/kg	<.045
Ethylene dibromide	mg/kg	<.045
Ethyl acetate	mg/kg	<.455
Ethyl ether	mg/kg	<.045
2-Hexanone	mg/kg	<.045
Iodomethane	mg/kg	<.045
Methyl bromide	mg/kg	<.045
Methyl chloride	mg/kg	<.045
Methylene chloride	mg/kg	<.045
Methyl ethyl ketone	mg/kg	<.091
Methyl-iso-butyl ketone	mg/kg	<.091
Styrene	mg/kg	<.045
1,1,1,2-Tetrachloroethane	mg/kg	<.045
1,1,2,2-Tetrachloroethane	mg/kg	<.045
Tetrachloroethylene	mg/kg	<.045
Tetrahydrofuran	mg/kg	<.045
Toluene	mg/kg	<.045
1,1,1-Trichloroethane	mg/kg	<.045
1,1,2-Trichloroethane	mg/kg	<.045
Trichloroethylene	mg/kg	<.045
1,2-Trans-dichloroethylene	mg/kg	<.045
Trichlorofluoromethane	mg/kg	<.045
1,2,3-Trichloropropane	mg/kg	<.045
1,1,2-Trichlorotrifluoroethane	mg/kg	<.091
Vinyl acetate	mg/kg	<.227
Vinyl chloride	mg/kg	<.045
Xylenes	mg/kg	<.045

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: 114
ASC Sample Number: JK7378
Sample Date: 930610
Facility Code: 014296

Parameters	Units	
RCRA TCLP Leachate (ZHE) Volatile Analysis, MS, (MV50)		
Benzene	mg/L	<.125
Carbon tetrachloride	mg/L	<.125
Chlorobenzene	mg/L	<.125
Chloroform	mg/L	<.125
1,4-Dichlorobenzene	mg/L	<.125
1,2-Dichloroethane	mg/L	<.125
1,1-Dichloroethylene	mg/L	<.125
Methyl ethyl ketone	mg/L	<.250
Tetrachloroethylene	mg/L	<.125
Trichloroethylene	mg/L	<.125
Vinyl chloride	mg/L	<.125

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: 191
ASC Sample Number: JK7387
Sample Date: 930610
Facility Code: 014296

Parameters	Units	
Conventional Data (CV10)		
Flash Point, Seta Flash 60	Deg C	>60
Reactive Cyanide	mg/L	<10.0
Reactive Sulfide	mg/L	<10.0
pH (Test Strip)	std	7
Total Volatile Analysis, MS, (MV00)		
Acetone	mg/L	.064
Acrolein	mg/L	<.025
Acrylonitrile	mg/L	<.013
Benzene	mg/L	<.005
Bromoform	mg/L	<.005
Carbon disulfide	mg/L	<.005
Carbon tetrachloride	mg/L	<.005
Chlorobenzene	mg/L	<.005
Chlorodibromomethane	mg/L	<.005
Chloroethane	mg/L	<.005
Chloroform	mg/L	.240
2-Chloroethylvinyl ether	mg/L	<.005
3-Chloropropene	mg/L	<.005
1,2-Dibromo-3-chloropropane	mg/L	<.005
Dichlorobromomethane	mg/L	.008
Dichlorodifluoromethane	mg/L	<.005
1,1-Dichloroethane	mg/L	<.005
1,2-Dichloroethane	mg/L	<.005
1,1-Dichloroethylene	mg/L	<.005
1,2-Dichloropropane	mg/L	<.005
cis-1,3-Dichloropropylene	mg/L	<.005
trans-1,3-Dichloropropylene	mg/L	<.005
Dibromomethane	mg/L	<.005
Ethylbenzene	mg/L	<.005
Ethylene dibromide	mg/L	<.005
Ethyl acetate	mg/L	<.050
Ethyl ether	mg/L	<.005
2-Hexanone	mg/L	<.005
Iodomethane	mg/L	<.005
Methyl bromide	mg/L	<.005

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: 191
ASC Sample Number: JK7387
Sample Date: 930610
Facility Code: 014296

Parameters	Units	
Total Volatile Analysis, MS, (MV00)		
Methyl chloride	mg/L	<.005
Methylene chloride	mg/L	.033
Methyl ethyl ketone	mg/L	<.010
Methyl-iso-butyl ketone	mg/L	<.010
Styrene	mg/L	<.005
1,1,1,2-Tetrachloroethane	mg/L	<.005
1,1,2,2-Tetrachloroethane	mg/L	<.005
Tetrachloroethylene	mg/L	<.005
Tetrahydrofuran	mg/L	<.005
Toluene	mg/L	<.005
1,1,1-Trichloroethane	mg/L	<.005
1,1,2-Trichloroethane	mg/L	<.005
Trichloroethylene	mg/L	<.005
1,2-Trans-dichloroethylene	mg/L	<.005
Trichlorofluoromethane	mg/L	<.005
1,2,3-Trichloropropane	mg/L	<.005
1,1,2-Trichlorotrifluoroethane	mg/L	<.010
Vinyl acetate	mg/L	<.025
Vinyl chloride	mg/L	<.005
Xylenes	mg/L	<.005

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: 210
ASC Sample Number: JK8377
Sample Date: 930610
Facility Code: 014296

Parameters	Units	
Priority Pollutant PCB Analysis, GC, (GS13)		
Aroclor 1016	mg/L	<.002
Aroclor 1221	mg/L	<.002
Aroclor 1232	mg/L	<.002
Aroclor 1242	mg/L	<.002
Aroclor 1248	mg/L	.004
Aroclor 1254	mg/L	.004
Aroclor 1260	mg/L	<.002

APPENDIX B

QUANTITATIVE RESULTS

ASBESTOS RESULTS

Facility: 14296
Sample Identifier: 105
ASC Sample Number: JK7556

Parameters	Contents
Color	White
Man Made Fiber	100%
Asbestos	0%

This fiber which has a fiberglass appearance is non-isotropic, has parallel extinction, with the refractive index at parallel of 1.528 which makes it a non asbestos fiber and no asbestos was detected in this matrix.

NOTE: Chrysotile, amosite, crocidolite, anthophylite, tremolite and actinolite are asbestos form minerals.

ASBESTOS RESULTS

Facility: 14296
Sample Identifier: 111
ASC Sample Number: JK7557

Parameters	Contents
Color	Tan/Clear
Description	rust/paint/insects
Cellulose	< 2%
Asbestos	0%

NOTE: Chrysotile, amosite, crocidolite, anthophylite, tremolite and actinolite are asbestos form minerals.

CONVENTIONAL DATA (CV10)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-10	JK7558

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Cyanide, Total	ND	.485	ND	Q2I1730

CONVENTIONAL DATA (CV10)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-01	JK7559

Compounds		Sample Results	Detection Limits	Blank Results	Batch Number
Reactive Cyanide	mg/L	ND	10.0	ND	Q1I1737
Reactive Sulfide	mg/L	ND	10.0	ND	Q1I1755
pH (Test Strip)	std	4	-	-	
Flash Point, Seta Flash 60	Deg C	>60	-	-	

CONVENTIONAL DATA (CV10)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-07	JK7560

Compounds		Sample Results	Detection Limits	Blank Results	Batch Number
Reactive Cyanide	mg/kg	ND	10.0	ND	Q2I1743
Reactive Sulfide	mg/kg	ND	10.0	ND	Q2I1758
pH (Test Strip)	std	12.8	-	-	
Flash Point, Seta Flash 60	Deg C	>60	-	-	

CONVENTIONAL DATA (CV10)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	247	JK7561

Compounds		Sample Results	Detection Limits	Blank Results	Batch Number
Reactive Cyanide	mg/L	ND	10.0	ND	Q1I1737
Reactive Sulfide	mg/L	ND	10.0	ND	Q1I1755
pH (Test Strip)	std	13	-	-	
Flash Point, Seta Flash 60	Deg C	>60	-	-	

CONVENTIONAL DATA (CV10)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-02	JK7562

Compounds		Sample Results	Detection Limits	Blank Results	Batch Number
Reactive Cyanide	mg/kg	ND	10.0	ND	Q2I1736
Reactive Sulfide	mg/kg	ND	10.0	ND	Q2I1751
pH (Test Strip)	std	7	-	-	
Flash Point, Seta Flash 60	Deg C	>60	-	-	

CONVENTIONAL DATA (CV10)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-06	JK7563

Compounds		Sample Results	Detection Limits	Blank Results	Batch Number
Reactive Cyanide	mg/kg	ND	10.0	ND	Q2I1736
Reactive Sulfide	mg/kg	ND	10.0	ND	Q2I1751
pH (Test Strip)	std	13	-	-	
Flash Point, Seta Flash 60	Deg C	>60	-	-	

CONVENTIONAL DATA (CV10)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	246	JK7564

Compounds		Sample Results	Detection Limits	Blank Results	Batch Number
Reactive Cyanide	mg/kg	ND	10.0	ND	Q2I1736
Reactive Sulfide	mg/kg	ND	10.0	ND	Q2I1754
pH (Test Strip)	std	11	-	-	
Flash Point, Seta Flash 60	Deg C	>60	-	-	

CONVENTIONAL DATA (CV10)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-08	JK7565

Compounds		Sample Results	Detection Limits	Blank Results	Batch Number
Reactive Cyanide	mg/kg	ND	10.0	ND	Q2I1746
Reactive Sulfide	mg/kg	ND	10.0	ND	Q2I1751
pH (Test Strip)	std	7	-	-	
Flash Point, Seta Flash 60	Deg C	>60	-	-	

CONVENTIONAL DATA (CV10)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	021	JK7566

Compounds		Sample Results	Detection Limits	Blank Results	Batch Number
Ash	%	95.2	.100	-	
Reactive Cyanide	mg/kg	ND	10.0	ND	Q2I1746
Reactive Sulfide	mg/kg	ND	10.0	ND	Q2I1751
pH (Test Strip)	std	7	-	-	
Flash Point, Seta Flash 60	Deg C	>60	-	-	

CONVENTIONAL DATA (CV10)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-03	JK7368

Compounds		Sample Results	Detection Limits	Blank Results	Batch Number
Ash	%	10.6	.100	-	
Reactive Cyanide	mg/kg	ND	10.0	ND	Q4I1750
Reactive Sulfide	mg/kg	ND	10.0	ND	Q4I1757
pH (Test Strip)	std	7	-	-	
Flash Point, Seta Flash 60	Deg C	>60	-	-	

CONVENTIONAL DATA (CV10)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-09	JK7369

Compounds		Sample Results	Detection Limits	Blank Results	Batch Number
Ash	%	2.97	.100	-	
Reactive Cyanide	mg/kg	ND	10.0	ND	Q4I1762
Reactive Sulfide	mg/kg	ND	10.0	ND	Q4I1757
pH (Test Strip)	std	7	-	-	
Flash Point, Seta Flash 60	Deg C	>60	-	-	

CONVENTIONAL DATA (CV10)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-04	JK7370

Compounds		Sample Results	Detection Limits	Blank Results	Batch Number
Ash	%	1.22	.100	-	
BTU/lb	BTU/lb	15900	200	-	
Reactive Cyanide	mg/kg	ND	10.0	ND	Q4I1750
Reactive Sulfide	mg/kg	ND	10.0	ND	Q4I1757
pH (Test Strip)	std	7	-	-	
Flash Point, Seta Flash 60	Deg C	>60	-	-	

CONVENTIONAL DATA (CV10)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	162	JK7371

Compounds		Sample Results	Detection Limits	Blank Results	Batch Number
Ash	%	.757	.100	-	
BTU/lb	BTU/lb	14200	200	-	
Reactive Cyanide	mg/kg	ND	10.0	ND	Q4I1783
Reactive Sulfide	mg/kg	ND	10.0	ND	Q2I1774
pH (Test Strip)	std	7	-	-	
Flash Point, Seta Flash 60	Deg C	>60	-	-	

CONVENTIONAL DATA (CV10)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	053	JK7372

Compounds		Sample Results	Detection Limits	Blank Results	Batch Number
Ash	%	.757	.100	-	
BTU/lb	BTU/lb	12400	200	-	
Reactive Cyanide	mg/kg	ND	10.0	ND	Q4I1750
Reactive Sulfide	mg/kg	ND	10.0	ND	Q2I1748
pH (Test Strip)	std	7	-	-	
Flash Point, Seta Flash 60	Deg C	>60	-	-	

CONVENTIONAL DATA (CV10)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-05	JK7373

Compounds		Sample Results	Detection Limits	Blank Results	Batch Number
Reactive Cyanide	mg/kg	ND	10.0	ND	Q4I1783
Reactive Sulfide	mg/kg	ND	10.0	ND	Q4I1766
pH (Test Strip)	std	7	-	-	
Flash Point, Seta Flash 60	Deg C	>60	-	-	

CONVENTIONAL DATA (CV10)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	232	JK7375

Compounds		Sample Results	Detection Limits	Blank Results	Batch Number
Reactive Cyanide	mg/kg	ND	10.0	ND	Q2I1749
Reactive Sulfide	mg/kg	ND	10.0	ND	Q2I1767
pH (Test Strip)	std	9	-	-	
Flash Point, Seta Flash 60	Deg C	>60	-	-	

CONVENTIONAL DATA (CV10)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	248	JK7376

Compounds		Sample Results	Detection Limits	Blank Results	Batch Number
Ash	%	38.7	.100	-	
BTU/lb	BTU/lb	1150	200	-	
Reactive Cyanide	mg/L	15.3	10.0	ND	Q1I1760
Reactive Sulfide	mg/L	ND	10.0	ND	Q1I1768
pH (Test Strip)	std	13	-	-	
Flash Point, Seta Flash 60	Deg C	>60	-	-	

CONVENTIONAL DATA (CV10)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	136	JK7377

Compounds		Sample Results	Detection Limits	Blank Results	Batch Number
Ash	%	85.3	.100	-	
Reactive Cyanide	mg/kg	ND	10.0	ND	Q2I1736
Reactive Sulfide	mg/kg	ND	10.0	ND	Q2I1742
pH (Test Strip)	std	7	-	-	
Flash Point, Seta Flash 60	Deg C	>60	-	-	

CONVENTIONAL DATA (CV10)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	114	JK7378

Compounds		Sample Results	Detection Limits	Blank Results	Batch Number
Ash	%	65.8	.100	-	
Reactive Cyanide	mg/kg	ND	10.0	ND	Q2I1736
Reactive Sulfide	mg/kg	ND	10.0	ND	Q2I1774
pH (Test Strip)	std	11	-	-	
Flash Point, Seta Flash 60	Deg C	>60	-	-	

CONVENTIONAL DATA (CV10)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	191	JK7387

Compounds		Sample Results	Detection Limits	Blank Results	Batch Number
Reactive Cyanide	mg/L	ND	10.0	ND	Q1I1760
Reactive Sulfide	mg/L	ND	10.0	ND	Q1I1768
pH (Test Strip)	std	7	-	-	
Flash Point, Seta Flash 60	Deg C	>60	-	-	

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-01	JK7559

Compounds	Sample Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number
Aroclor 1016	ND	.500	ND	Q1P7642
Aroclor 1221	ND	.500	ND	Q1P7642
Aroclor 1232	ND	.500	ND	Q1P7642
Aroclor 1242	ND	.500	ND	Q1P7642
Aroclor 1248	ND	.500	ND	Q1P7642
Aroclor 1254	ND	.500	ND	Q1P7642
Aroclor 1260	ND	.500	ND	Q1P7642

- Low initial sample volume resulted in elevated detection limits (DLs).

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-07	JK7560

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Aroclor 1016	ND	331	ND	Q2P7696
Aroclor 1221	ND	331	ND	Q2P7696
Aroclor 1232	ND	331	ND	Q2P7696
Aroclor 1242	ND	331	ND	Q2P7696
Aroclor 1248	ND	331	ND	Q2P7696
Aroclor 1254	ND	331	ND	Q2P7696
Aroclor 1260	ND	331	ND	Q2P7696

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	247	JK7561

Compounds	Sample Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number
Aroclor 1016	ND	2.00	ND	Q1P7642
Aroclor 1221	ND	2.00	ND	Q1P7642
Aroclor 1232	ND	2.00	ND	Q1P7642
Aroclor 1242	ND	2.00	ND	Q1P7642
Aroclor 1248	ND	2.00	ND	Q1P7642
Aroclor 1254	ND	2.00	ND	Q1P7642
Aroclor 1260	ND	2.00	ND	Q1P7642

- Low initial sample volume resulted in elevated detection limits (DLs).

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-02	JK7562

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Aroclor 1016	ND	2.01	ND	Q2P7696
Aroclor 1221	ND	2.01	ND	Q2P7696
Aroclor 1232	ND	2.01	ND	Q2P7696
Aroclor 1242	ND	2.01	ND	Q2P7696
Aroclor 1248	ND	2.01	ND	Q2P7696
Aroclor 1254	ND	2.01	ND	Q2P7696
Aroclor 1260	2.39	2.01	ND	Q2P7696

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-06	JK7563

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Aroclor 1016	ND	.197	ND	Q2P7696
Aroclor 1221	ND	.197	ND	Q2P7696
Aroclor 1232	ND	.197	ND	Q2P7696
Aroclor 1242	ND	.197	ND	Q2P7696
Aroclor 1248	ND	.197	ND	Q2P7696
Aroclor 1254	ND	.197	ND	Q2P7696
Aroclor 1260	ND	.197	ND	Q2P7696

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	246	JK7564

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Aroclor 1016	ND	.182	ND	Q2P7696
Aroclor 1221	ND	.182	ND	Q2P7696
Aroclor 1232	ND	.182	ND	Q2P7696
Aroclor 1242	ND	.182	ND	Q2P7696
Aroclor 1248	ND	.182	ND	Q2P7696
Aroclor 1254	ND	.182	ND	Q2P7696
Aroclor 1260	ND	.182	ND	Q2P7696

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-08	JK7565

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Aroclor 1016	ND	19.5	ND	Q2P7696
Aroclor 1221	ND	19.5	ND	Q2P7696
Aroclor 1232	ND	19.5	ND	Q2P7696
Aroclor 1242	ND	19.5	ND	Q2P7696
Aroclor 1248	ND	19.5	ND	Q2P7696
Aroclor 1254	33.7	19.5	ND	Q2P7696
Aroclor 1260	ND	19.5	ND	Q2P7696

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	021	JK7566

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Aroclor 1016	ND	.173	ND	Q2P7696
Aroclor 1221	ND	.173	ND	Q2P7696
Aroclor 1232	ND	.173	ND	Q2P7696
Aroclor 1242	ND	.173	ND	Q2P7696
Aroclor 1248	ND	.173	ND	Q2P7696
Aroclor 1254	.279	.173	ND	Q2P7696
Aroclor 1260	ND	.173	ND	Q2P7696

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-03	JK7368

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Aroclor 1016	ND	23.9	ND	Q4P7632
Aroclor 1221	ND	23.9	ND	Q4P7632
Aroclor 1232	ND	23.9	ND	Q4P7632
Aroclor 1242	ND	23.9	ND	Q4P7632
Aroclor 1248	ND	23.9	ND	Q4P7632
Aroclor 1254	49.3	23.9	ND	Q4P7632
Aroclor 1260	ND	23.9	ND	Q4P7632

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-09	JK7369

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Aroclor 1016	ND	2.13	ND	Q4P7632
Aroclor 1221	ND	2.13	ND	Q4P7632
Aroclor 1232	ND	2.13	ND	Q4P7632
Aroclor 1242	ND	2.13	ND	Q4P7632
Aroclor 1248	ND	2.13	ND	Q4P7632
Aroclor 1254	ND	2.13	ND	Q4P7632
Aroclor 1260	ND	2.13	ND	Q4P7632

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-04	JK7370

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Aroclor 1016	ND	2.46	ND	Q4P7632
Aroclor 1221	ND	2.46	ND	Q4P7632
Aroclor 1232	ND	2.46	ND	Q4P7632
Aroclor 1242	ND	2.46	ND	Q4P7632
Aroclor 1248	ND	2.46	ND	Q4P7632
Aroclor 1254	ND	2.46	ND	Q4P7632
Aroclor 1260	ND	2.46	ND	Q4P7632

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	162	JK7371

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Aroclor 1016	ND	2.34	ND	Q4P7632
Aroclor 1221	ND	2.34	ND	Q4P7632
Aroclor 1232	ND	2.34	ND	Q4P7632
Aroclor 1242	ND	2.34	ND	Q4P7632
Aroclor 1248	ND	2.34	ND	Q4P7632
Aroclor 1254	ND	2.34	ND	Q4P7632
Aroclor 1260	ND	2.34	ND	Q4P7632

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	053	JK7372

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Aroclor 1016	ND	21.5	ND	Q4P7632
Aroclor 1221	ND	21.5	ND	Q4P7632
Aroclor 1232	ND	21.5	ND	Q4P7632
Aroclor 1242	ND	21.5	ND	Q4P7632
Aroclor 1248	ND	21.5	ND	Q4P7632
Aroclor 1254	ND	21.5	ND	Q4P7632
Aroclor 1260	ND	21.5	ND	Q4P7632

- These reporting limits are higher than usual due to matrix interferences.

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-05	JK7373

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Aroclor 1016	ND	2.25	ND	Q4P7632
Aroclor 1221	ND	2.25	ND	Q4P7632
Aroclor 1232	ND	2.25	ND	Q4P7632
Aroclor 1242	ND	2.25	ND	Q4P7632
Aroclor 1248	ND	2.25	ND	Q4P7632
Aroclor 1254	ND	2.25	ND	Q4P7632
Aroclor 1260	ND	2.25	ND	Q4P7632

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	232	JK7375

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Aroclor 1016	ND	.203	ND	Q2P7691
Aroclor 1221	ND	.203	ND	Q2P7691
Aroclor 1232	ND	.203	ND	Q2P7691
Aroclor 1242	ND	.203	ND	Q2P7691
Aroclor 1248	ND	.203	ND	Q2P7691
Aroclor 1254	ND	.203	ND	Q2P7691
Aroclor 1260	ND	.203	ND	Q2P7691

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	248	JK7376

Compounds	Sample Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number
Aroclor 1016	ND	.685	ND	Q1P7642
Aroclor 1221	ND	.685	ND	Q1P7642
Aroclor 1232	ND	.685	ND	Q1P7642
Aroclor 1242	ND	.685	ND	Q1P7642
Aroclor 1248	ND	.685	ND	Q1P7642
Aroclor 1254	ND	.685	ND	Q1P7642
Aroclor 1260	ND	.685	ND	Q1P7642

- Low initial sample volume resulted in elevated detection limits (DLs).

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	136	JK7377

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Aroclor 1016	ND	.162	ND	Q2P7691
Aroclor 1221	ND	.162	ND	Q2P7691
Aroclor 1232	ND	.162	ND	Q2P7691
Aroclor 1242	ND	.162	ND	Q2P7691
Aroclor 1248	ND	.162	ND	Q2P7691
Aroclor 1254	ND	.162	ND	Q2P7691
Aroclor 1260	ND	.162	ND	Q2P7691

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	114	JK7378

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Aroclor 1016	ND	2.12	ND	Q2P7691
Aroclor 1221	ND	2.12	ND	Q2P7691
Aroclor 1232	ND	2.12	ND	Q2P7691
Aroclor 1242	ND	2.12	ND	Q2P7691
Aroclor 1248	ND	2.12	ND	Q2P7691
Aroclor 1254	8.00	2.12	ND	Q2P7691
Aroclor 1260	ND	2.12	ND	Q2P7691

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	210	JK8377

Compounds	Sample Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number
Aroclor 1016	ND	.002	ND	Q1P7709
Aroclor 1221	ND	.002	ND	Q1P7709
Aroclor 1232	ND	.002	ND	Q1P7709
Aroclor 1242	ND	.002	ND	Q1P7709
Aroclor 1248	.004	.002	ND	Q1P7709
Aroclor 1254	.004	.002	ND	Q1P7709
Aroclor 1260	ND	.002	ND	Q1P7709

TOTAL BASE/NEUTRAL/ACID ANALYSIS, MS, (MS02)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-01	JK7559

Compounds	Sample Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number
Acenaphthene	ND	100	ND	Q1C7650
Acenaphthylene	ND	100	ND	Q1C7650
Anthracene	ND	100	ND	Q1C7650
Benzidine	ND	100	ND	Q1C7650
Benzoic acid	1380	250	ND	Q1C7650
Benzyl alcohol	ND	100	ND	Q1C7650
Benzo(a)anthracene	ND	100	ND	Q1C7650
Benzo(b)fluoranthene	ND	100	ND	Q1C7650
Benzo(k)fluoranthene	ND	100	ND	Q1C7650
Benzo(ghi)perylene	ND	100	ND	Q1C7650
Benzo(a)pyrene	ND	100	ND	Q1C7650
bis(2-Chloroethoxy)ethane	ND	100	ND	Q1C7650
bis(2-Chloroethyl) ether	ND	100	ND	Q1C7650
bis(2-Chloroethoxy)methane	ND	100	ND	Q1C7650
bis(2-Chloroisopropyl)ether	ND	100	ND	Q1C7650
bis(2-Ethylhexyl)phthalate	ND	100	ND	Q1C7650
4-Bromophenyl phenyl ether	ND	100	ND	Q1C7650
Butyl benzyl phthalate	ND	100	ND	Q1C7650
Carbazole	ND	100	ND	Q1C7650
4-Chloroaniline	ND	100	ND	Q1C7650
p-Chloro-m-cresol	ND	100	ND	Q1C7650
2-Chloronaphthalene	ND	100	ND	Q1C7650
2-Chlorophenol	ND	100	ND	Q1C7650
4-Chlorophenyl phenyl ether	ND	100	ND	Q1C7650
3-Chloropropionitrile	ND	100	ND	Q1C7650
Chrysene	ND	100	ND	Q1C7650
Cyclohexanone	ND	100	ND	Q1C7650
Dibenzo(a,h)anthracene	ND	100	ND	Q1C7650
Dibenzofuran	ND	100	ND	Q1C7650
Di-n-butyl phthalate	ND	100	ND	Q1C7650
1,2-Dichlorobenzene	ND	100	ND	Q1C7650
1,3-Dichlorobenzene	ND	100	ND	Q1C7650
1,4-Dichlorobenzene	ND	100	ND	Q1C7650
3,3'-Dichlorobenzidine	ND	100	ND	Q1C7650
2,4-Dichlorophenol	ND	100	ND	Q1C7650
2,6-Dichlorophenol	ND	100	ND	Q1C7650
Diethyl phthalate	ND	100	ND	Q1C7650
Dimethyl phthalate	ND	100	ND	Q1C7650
2,4-Dimethylphenol	ND	100	ND	Q1C7650
4,6-Dinitro-o-cresol	ND	250	ND	Q1C7650
2,4-Dinitrophenol	ND	500	ND	Q1C7650
2,4-Dinitrotoluene	ND	100	ND	Q1C7650
2,6-Dinitrotoluene	ND	100	ND	Q1C7650
Di-n-octyl phthalate	ND	100	ND	Q1C7650
2-Ethoxyethanol	ND	1500	ND	Q1C7650
Fluoranthene	ND	100	ND	Q1C7650
Fluorene	ND	100	ND	Q1C7650
Hexachlorobenzene	ND	100	ND	Q1C7650
Hexachlorobutadiene	ND	100	ND	Q1C7650
Hexachlorocyclopentadiene	ND	100	ND	Q1C7650

TOTAL BASE/NEUTRAL/ACID ANALYSIS, MS, (MS02)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-01	JK7559

Compounds	Sample Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number
Hexachloroethane	ND	100	ND	Q1C7650
Hexachloropropene	ND	100	ND	Q1C7650
Indeno(1,2,3-c,d)pyrene	ND	100	ND	Q1C7650
Isophorone	ND	100	ND	Q1C7650
4,4'-Methylenebis(2-chloroaniline)	ND	100	ND	Q1C7650
2-Methylnaphthalene	ND	100	ND	Q1C7650
2-Methylphenol	ND	100	ND	Q1C7650
4-Methylphenol	ND	100	ND	Q1C7650
2-Nitropropane	ND	100	ND	Q1C7650
N-Nitrosodimethylamine	ND	100	ND	Q1C7650
N-Nitrosodi-n-propylamine	ND	100	ND	Q1C7650
N-Nitrosodiphenylamine	ND	100	ND	Q1C7650
Naphthalene	ND	100	ND	Q1C7650
2-Nitroaniline	ND	100	ND	Q1C7650
3-Nitroaniline	ND	100	ND	Q1C7650
4-Nitroaniline	ND	100	ND	Q1C7650
Nitrobenzene	ND	100	ND	Q1C7650
2-Nitrophenol	ND	100	ND	Q1C7650
4-Nitrophenol	ND	500	ND	Q1C7650
Pentachlorobenzene	ND	100	ND	Q1C7650
Pentachloronitrobenzene	ND	100	ND	Q1C7650
Pentachlorophenol	ND	100	ND	Q1C7650
Pentachloroethane	ND	100	ND	Q1C7650
Phenanthrene	ND	100	ND	Q1C7650
Phenol	ND	100	ND	Q1C7650
Pronamide	ND	100	ND	Q1C7650
Pyrene	ND	100	ND	Q1C7650
Pyridine	ND	100	ND	Q1C7650
1,2,4,5-Tetrachlorobenzene	ND	100	ND	Q1C7650
2,3,4,6-Tetrachlorophenol	ND	100	ND	Q1C7650
1,2,4-Trichlorobenzene	ND	100	ND	Q1C7650
2,4,5-Trichlorophenol	ND	100	ND	Q1C7650
2,4,6-Trichlorophenol	ND	100	ND	Q1C7650

3-Methyl- and 4-Methylphenol coelute and are reported as the total

- Surrogate recoveries which are outside of control limits were attributed to dilution of extract during analysis.

TOTAL BASE/NEUTRAL/ACID ANALYSIS, MS, (MS02)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-07	JK7560

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Acenaphthene	ND	322	ND	Q2C7666
Acenaphthylene	ND	322	ND	Q2C7666
Anthracene	ND	322	ND	Q2C7666
Benzidine	ND	322	ND	Q2C7666
Benzoic acid	ND	804	ND	Q2C7666
Benzyl alcohol	ND	322	ND	Q2C7666
Benzo(a)anthracene	ND	322	ND	Q2C7666
Benzo(b)fluoranthene	ND	322	ND	Q2C7666
Benzo(k)fluoranthene	ND	322	ND	Q2C7666
Benzo(ghi)perylene	ND	322	ND	Q2C7666
Benzo(a)pyrene	ND	322	ND	Q2C7666
bis(2-Chloroethoxy)ethane	ND	322	ND	Q2C7666
bis(2-Chloroethyl) ether	ND	322	ND	Q2C7666
bis(2-Chloroethoxy)methane	ND	322	ND	Q2C7666
bis(2-Chloroisopropyl)ether	ND	322	ND	Q2C7666
bis(2-Ethylhexyl)phthalate	ND	322	ND	Q2C7666
4-Bromophenyl phenyl ether	ND	322	ND	Q2C7666
Butyl benzyl phthalate	ND	322	ND	Q2C7666
Carbazole	ND	322	ND	Q2C7666
4-Chloroaniline	ND	322	ND	Q2C7666
p-Chloro-m-cresol	ND	322	ND	Q2C7666
2-Chloronaphthalene	ND	322	ND	Q2C7666
2-Chlorophenol	ND	322	ND	Q2C7666
4-Chlorophenyl phenyl ether	ND	322	ND	Q2C7666
3-Chloropropionitrile	ND	322	ND	Q2C7666
Chrysene	ND	322	ND	Q2C7666
Cyclohexanone	ND	322	ND	Q2C7666
Dibenzo(a,h)anthracene	ND	322	ND	Q2C7666
Dibenzofuran	ND	322	ND	Q2C7666
Di-n-butyl phthalate	ND	322	ND	Q2C7666
1,2-Dichlorobenzene	ND	322	ND	Q2C7666
1,3-Dichlorobenzene	ND	322	ND	Q2C7666
1,4-Dichlorobenzene	ND	322	ND	Q2C7666
3,3'-Dichlorobenzidine	ND	322	ND	Q2C7666
2,4-Dichlorophenol	ND	322	ND	Q2C7666
2,6-Dichlorophenol	ND	322	ND	Q2C7666
Diethyl phthalate	ND	322	ND	Q2C7666
Dimethyl phthalate	ND	322	ND	Q2C7666
2,4-Dimethylphenol	ND	322	ND	Q2C7666
4,6-Dinitro-o-cresol	ND	804	ND	Q2C7666
2,4-Dinitrophenol	ND	1610	ND	Q2C7666
2,4-Dinitrotoluene	ND	322	ND	Q2C7666
2,6-Dinitrotoluene	ND	322	ND	Q2C7666
Di-n-octyl phthalate	ND	322	ND	Q2C7666
2-Ethoxyethanol	ND	4820	ND	Q2C7666
Fluoranthene	ND	322	ND	Q2C7666
Fluorene	ND	322	ND	Q2C7666
Hexachlorobenzene	ND	322	ND	Q2C7666
Hexachlorobutadiene	ND	322	ND	Q2C7666
Hexachlorocyclopentadiene	ND	322	ND	Q2C7666

TOTAL BASE/NEUTRAL/ACID ANALYSIS, MS, (MS02)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-07	JK7560

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Hexachloroethane	ND	322	ND	Q2C7666
Hexachloropropene	ND	322	ND	Q2C7666
Indeno(1,2,3-c,d)pyrene	ND	322	ND	Q2C7666
Isophorone	527	322	ND	Q2C7666
4,4'-Methylenebis(2-chloroaniline)	ND	322	ND	Q2C7666
2-Methylnaphthalene	ND	322	ND	Q2C7666
2-Methylphenol	ND	322	ND	Q2C7666
4-Methylphenol	ND	322	ND	Q2C7666
2-Nitropropane	ND	322	ND	Q2C7666
N-Nitrosodimethylamine	ND	322	ND	Q2C7666
N-Nitrosodi-n-propylamine	ND	322	ND	Q2C7666
N-Nitrosodiphenylamine	ND	322	ND	Q2C7666
Naphthalene	ND	322	ND	Q2C7666
2-Nitroaniline	ND	322	ND	Q2C7666
3-Nitroaniline	ND	322	ND	Q2C7666
4-Nitroaniline	ND	322	ND	Q2C7666
Nitrobenzene	ND	322	ND	Q2C7666
2-Nitrophenol	ND	1610	ND	Q2C7666
4-Nitrophenol	ND	322	ND	Q2C7666
Pentachlorobenzene	ND	322	ND	Q2C7666
Pentachloronitrobenzene	ND	322	ND	Q2C7666
Pentachlorophenol	ND	322	ND	Q2C7666
Pentachloroethane	ND	322	ND	Q2C7666
Phenanthrene	ND	322	ND	Q2C7666
Phenol	ND	322	ND	Q2C7666
Pronamide	ND	322	ND	Q2C7666
Pyrene	ND	322	ND	Q2C7666
Pyridine	ND	322	ND	Q2C7666
1,2,4,5-Tetrachlorobenzene	ND	322	ND	Q2C7666
2,3,4,6-Tetrachlorophenol	ND	322	ND	Q2C7666
1,2,4-Trichlorobenzene	ND	322	ND	Q2C7666
2,4,5-Trichlorophenol	ND	322	ND	Q2C7666
2,4,6-Trichlorophenol	ND	322	ND	Q2C7666

3-Methyl- and 4-Methylphenol coelute and are reported as the total

- Surrogate recoveries which are outside of control limits were attributed to dilution of extract during analysis.
- These reporting limits are higher than usual due to matrix interferences.

TOTAL BASE/NEUTRAL/ACID ANALYSIS, MS, (MS02)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	247	JK7561

Compounds	Sample Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number
Acenaphthene	ND	20.0	ND	Q1C7650
Acenaphthylene	ND	20.0	ND	Q1C7650
Anthracene	ND	20.0	ND	Q1C7650
Benzidine	ND	20.0	ND	Q1C7650
Benzoic acid	ND	50.0	ND	Q1C7650
Benzyl alcohol	ND	20.0	ND	Q1C7650
Benzo(a)anthracene	ND	20.0	ND	Q1C7650
Benzo(b)fluoranthene	ND	20.0	ND	Q1C7650
Benzo(k)fluoranthene	ND	20.0	ND	Q1C7650
Benzo(ghi)perylene	ND	20.0	ND	Q1C7650
Benzo(a)pyrene	ND	20.0	ND	Q1C7650
bis(2-Chloroethoxy)ethane	ND	20.0	ND	Q1C7650
bis(2-Chloroethyl) ether	ND	20.0	ND	Q1C7650
bis(2-Chloroethoxy)methane	ND	20.0	ND	Q1C7650
bis(2-Chloroisopropyl)ether	ND	20.0	ND	Q1C7650
bis(2-Ethylhexyl)phthalate	ND	20.0	ND	Q1C7650
4-Bromophenyl phenyl ether	ND	20.0	ND	Q1C7650
Butyl benzyl phthalate	ND	20.0	ND	Q1C7650
Carbazole	ND	20.0	ND	Q1C7650
4-Chloroaniline	ND	20.0	ND	Q1C7650
p-Chloro-m-cresol	ND	20.0	ND	Q1C7650
2-Chloronaphthalene	ND	20.0	ND	Q1C7650
2-Chlorophenol	ND	20.0	ND	Q1C7650
4-Chlorophenyl phenyl ether	ND	20.0	ND	Q1C7650
3-Chloropropionitrile	ND	20.0	ND	Q1C7650
Chrysene	ND	20.0	ND	Q1C7650
Cyclohexanone	ND	20.0	ND	Q1C7650
Dibenzo(a,h)anthracene	ND	20.0	ND	Q1C7650
Dibenzofuran	ND	20.0	ND	Q1C7650
Di-n-butyl phthalate	ND	20.0	ND	Q1C7650
1,2-Dichlorobenzene	ND	20.0	ND	Q1C7650
1,3-Dichlorobenzene	ND	20.0	ND	Q1C7650
1,4-Dichlorobenzene	ND	20.0	ND	Q1C7650
3,3'-Dichlorobenzidine	ND	20.0	ND	Q1C7650
2,4-Dichlorophenol	ND	20.0	ND	Q1C7650
2,6-Dichlorophenol	ND	20.0	ND	Q1C7650
Diethyl phthalate	ND	20.0	ND	Q1C7650
Dimethyl phthalate	ND	20.0	ND	Q1C7650
2,4-Dimethylphenol	ND	20.0	ND	Q1C7650
4,6-Dinitro-o-cresol	ND	50.0	ND	Q1C7650
2,4-Dinitrophenol	ND	100	ND	Q1C7650
2,4-Dinitrotoluene	ND	20.0	ND	Q1C7650
2,6-Dinitrotoluene	ND	20.0	ND	Q1C7650
Di-n-octyl phthalate	ND	20.0	ND	Q1C7650
2-Ethoxyethanol	ND	300	ND	Q1C7650
Fluoranthene	ND	20.0	ND	Q1C7650
Fluorene	ND	20.0	ND	Q1C7650
Hexachlorobenzene	ND	20.0	ND	Q1C7650
Hexachlorobutadiene	ND	20.0	ND	Q1C7650
Hexachlorocyclopentadiene	ND	20.0	ND	Q1C7650

TOTAL BASE/NEUTRAL/ACID ANALYSIS, MS, (MS02)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	247	JK7561

Compounds	Sample Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number
Hexachloroethane	ND	20.0	ND	Q1C7650
Hexachloropropene	ND	20.0	ND	Q1C7650
Indeno(1,2,3-c,d)pyrene	ND	20.0	ND	Q1C7650
Isophorone	ND	20.0	ND	Q1C7650
4,4'-Methylenebis(2-chloroaniline)	ND	20.0	ND	Q1C7650
2-Methylnaphthalene	ND	20.0	ND	Q1C7650
2-Methylphenol	ND	20.0	ND	Q1C7650
4-Methylphenol	ND	20.0	ND	Q1C7650
2-Nitropropane	ND	20.0	ND	Q1C7650
N-Nitrosodimethylamine	ND	20.0	ND	Q1C7650
N-Nitrosodi-n-propylamine	ND	20.0	ND	Q1C7650
N-Nitrosodiphenylamine	ND	20.0	ND	Q1C7650
Naphthalene	ND	20.0	ND	Q1C7650
2-Nitroaniline	ND	20.0	ND	Q1C7650
3-Nitroaniline	ND	20.0	ND	Q1C7650
4-Nitroaniline	ND	20.0	ND	Q1C7650
Nitrobenzene	ND	20.0	ND	Q1C7650
2-Nitrophenol	ND	20.0	ND	Q1C7650
4-Nitrophenol	ND	100	ND	Q1C7650
Pentachlorobenzene	ND	20.0	ND	Q1C7650
Pentachloronitrobenzene	ND	20.0	ND	Q1C7650
Pentachlorophenol	ND	20.0	ND	Q1C7650
Pentachloroethane	ND	20.0	ND	Q1C7650
Phenanthrene	ND	20.0	ND	Q1C7650
Phenol	ND	20.0	ND	Q1C7650
Pronamide	ND	20.0	ND	Q1C7650
Pyrene	ND	20.0	ND	Q1C7650
Pyridine	ND	20.0	ND	Q1C7650
1,2,4,5-Tetrachlorobenzene	ND	20.0	ND	Q1C7650
2,3,4,6-Tetrachlorophenol	ND	20.0	ND	Q1C7650
1,2,4-Trichlorobenzene	ND	20.0	ND	Q1C7650
2,4,5-Trichlorophenol	ND	20.0	ND	Q1C7650
2,4,6-Trichlorophenol	ND	20.0	ND	Q1C7650

3-Methyl- and 4-Methylphenol coelute and are reported as the total

- Surrogate recoveries which are outside of control limits were attributed to dilution of extract during analysis.
- These reporting limits are higher than usual due to matrix interferences.

TOTAL BASE/NEUTRAL/ACID ANALYSIS, MS, (MS02)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-08	JK7565

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Acenaphthene	ND	16.5	ND	Q2C7666
Acenaphthylene	ND	16.5	ND	Q2C7666
Anthracene	ND	16.5	ND	Q2C7666
Benzidine	ND	16.5	ND	Q2C7666
Benzoic acid	ND	41.3	ND	Q2C7666
Benzyl alcohol	ND	16.5	ND	Q2C7666
Benzo(a)anthracene	ND	16.5	ND	Q2C7666
Benzo(b)fluoranthene	ND	16.5	ND	Q2C7666
Benzo(k)fluoranthene	ND	16.5	ND	Q2C7666
Benzo(ghi)perylene	ND	16.5	ND	Q2C7666
Benzo(a)pyrene	ND	16.5	ND	Q2C7666
bis(2-Chloroethoxy)ethane	ND	16.5	ND	Q2C7666
bis(2-Chloroethyl) ether	ND	16.5	ND	Q2C7666
bis(2-Chloroethoxy)methane	ND	16.5	ND	Q2C7666
bis(2-Chloroisopropyl)ether	ND	16.5	ND	Q2C7666
bis(2-Ethylhexyl)phthalate	ND	16.5	ND	Q2C7666
4-Bromophenyl phenyl ether	ND	16.5	ND	Q2C7666
Butyl benzyl phthalate	ND	16.5	ND	Q2C7666
Carbazole	ND	16.5	ND	Q2C7666
4-Chloroaniline	ND	16.5	ND	Q2C7666
p-Chloro-m-cresol	ND	16.5	ND	Q2C7666
2-Chloronaphthalene	ND	16.5	ND	Q2C7666
2-Chlorophenol	ND	16.5	ND	Q2C7666
4-Chlorophenyl phenyl ether	ND	16.5	ND	Q2C7666
3-Chloropropionitrile	ND	16.5	ND	Q2C7666
Chrysene	ND	16.5	ND	Q2C7666
Cyclohexanone	ND	16.5	ND	Q2C7666
Dibenzo(a,h)anthracene	ND	16.5	ND	Q2C7666
Dibenzofuran	ND	16.5	ND	Q2C7666
Di-n-butyl phthalate	ND	16.5	ND	Q2C7666
1,2-Dichlorobenzene	ND	16.5	ND	Q2C7666
1,3-Dichlorobenzene	ND	16.5	ND	Q2C7666
1,4-Dichlorobenzene	ND	16.5	ND	Q2C7666
3,3'-Dichlorobenzidine	ND	16.5	ND	Q2C7666
2,4-Dichlorophenol	ND	16.5	ND	Q2C7666
2,6-Dichlorophenol	ND	16.5	ND	Q2C7666
Diethyl phthalate	ND	16.5	ND	Q2C7666
Dimethyl phthalate	ND	16.5	ND	Q2C7666
2,4-Dimethylphenol	ND	16.5	ND	Q2C7666
4,6-Dinitro-o-cresol	ND	41.3	ND	Q2C7666
2,4-Dinitrophenol	ND	82.5	ND	Q2C7666
2,4-Dinitrotoluene	ND	16.5	ND	Q2C7666
2,6-Dinitrotoluene	ND	16.5	ND	Q2C7666
Di-n-octyl phthalate	39.9	16.5	ND	Q2C7666
2-Ethoxyethanol	ND	248	ND	Q2C7666
Fluoranthene	ND	16.5	ND	Q2C7666
Fluorene	ND	16.5	ND	Q2C7666
Hexachlorobenzene	ND	16.5	ND	Q2C7666
Hexachlorobutadiene	ND	16.5	ND	Q2C7666
Hexachlorocyclopentadiene	ND	16.5	ND	Q2C7666

TOTAL BASE/NEUTRAL/ACID ANALYSIS, MS, (MS02)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-08	JK7565

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Hexachloroethane	ND	16.5	ND	Q2C7666
Hexachloropropene	ND	16.5	ND	Q2C7666
Indeno(1,2,3-c,d)pyrene	ND	16.5	ND	Q2C7666
Isophorone	ND	16.5	ND	Q2C7666
4,4'-Methylenebis(2-chloroaniline)	ND	16.5	ND	Q2C7666
2-Methylnaphthalene	ND	16.5	ND	Q2C7666
2-Methylphenol	ND	16.5	ND	Q2C7666
4-Methylphenol	ND	16.5	ND	Q2C7666
2-Nitropropane	ND	16.5	ND	Q2C7666
N-Nitrosodimethylamine	ND	16.5	ND	Q2C7666
N-Nitrosodi-n-propylamine	ND	16.5	ND	Q2C7666
N-Nitrosodiphenylamine	ND	16.5	ND	Q2C7666
Naphthalene	ND	16.5	ND	Q2C7666
2-Nitroaniline	ND	16.5	ND	Q2C7666
3-Nitroaniline	ND	16.5	ND	Q2C7666
4-Nitroaniline	ND	16.5	ND	Q2C7666
Nitrobenzene	ND	16.5	ND	Q2C7666
2-Nitrophenol	ND	16.5	ND	Q2C7666
4-Nitrophenol	ND	82.5	ND	Q2C7666
Pentachlorobenzene	ND	16.5	ND	Q2C7666
Pentachloronitrobenzene	ND	16.5	ND	Q2C7666
Pentachlorophenol	ND	16.5	ND	Q2C7666
Pentachloroethane	ND	16.5	ND	Q2C7666
Phenanthrene	ND	16.5	ND	Q2C7666
Phenol	ND	16.5	ND	Q2C7666
Pronamide	ND	16.5	ND	Q2C7666
Pyrene	ND	16.5	ND	Q2C7666
Pyridine	ND	16.5	ND	Q2C7666
1,2,4,5-Tetrachlorobenzene	ND	16.5	ND	Q2C7666
2,3,4,6-Tetrachlorophenol	ND	16.5	ND	Q2C7666
1,2,4-Trichlorobenzene	ND	16.5	ND	Q2C7666
2,4,5-Trichlorophenol	ND	16.5	ND	Q2C7666
2,4,6-Trichlorophenol	ND	16.5	ND	Q2C7666

3-Methyl- and 4-Methylphenol coelute and are reported as the total

- Surrogate recoveries which are outside of control limits were attributed to dilution of extract during analysis.
- These reporting limits are higher than usual due to matrix interferences.

TOTAL BASE/NEUTRAL/ACID ANALYSIS, MS, (MS02)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	021	JK7566

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Acenaphthene	ND	.312	ND	Q2C7666
Acenaphthylene	ND	.312	ND	Q2C7666
Anthracene	ND	.312	ND	Q2C7666
Benzidine	ND	.312	ND	Q2C7666
Benzoic acid	ND	.779	ND	Q2C7666
Benzyl alcohol	ND	.312	ND	Q2C7666
Benzo(a)anthracene	ND	.312	ND	Q2C7666
Benzo(b)fluoranthene	ND	.312	ND	Q2C7666
Benzo(k)fluoranthene	ND	.312	ND	Q2C7666
Benzo(ghi)perylene	ND	.312	ND	Q2C7666
Benzo(a)pyrene	ND	.312	ND	Q2C7666
bis(2-Chloroethoxy)ethane	ND	.312	ND	Q2C7666
bis(2-Chloroethyl) ether	ND	.312	ND	Q2C7666
bis(2-Chloroethoxy)methane	ND	.312	ND	Q2C7666
bis(2-Chloroisopropyl)ether	ND	.312	ND	Q2C7666
bis(2-Ethylhexyl)phthalate	.668	.312	ND	Q2C7666
4-Bromophenyl phenyl ether	ND	.312	ND	Q2C7666
Butyl benzyl phthalate	ND	.312	ND	Q2C7666
Carbazole	ND	.312	ND	Q2C7666
4-Chloroaniline	ND	.312	ND	Q2C7666
p-Chloro-m-cresol	ND	.312	ND	Q2C7666
2-Chloronaphthalene	ND	.312	ND	Q2C7666
2-Chlorophenol	ND	.312	ND	Q2C7666
4-Chlorophenyl phenyl ether	ND	.312	ND	Q2C7666
3-Chloropropionitrile	ND	.312	ND	Q2C7666
Chrysene	ND	.312	ND	Q2C7666
Cyclohexanone	ND	.312	ND	Q2C7666
Dibenzo(a,h)anthracene	ND	.312	ND	Q2C7666
Dibenzofuran	ND	.312	ND	Q2C7666
Di-n-butyl phthalate	ND	.312	ND	Q2C7666
1,2-Dichlorobenzene	ND	.312	ND	Q2C7666
1,3-Dichlorobenzene	ND	.312	ND	Q2C7666
1,4-Dichlorobenzene	ND	.312	ND	Q2C7666
3,3'-Dichlorobenzidine	ND	.312	ND	Q2C7666
2,4-Dichlorophenol	ND	.312	ND	Q2C7666
2,6-Dichlorophenol	ND	.312	ND	Q2C7666
Diethyl phthalate	ND	.312	ND	Q2C7666
Dimethyl phthalate	ND	.312	ND	Q2C7666
2,4-Dimethylphenol	ND	.312	ND	Q2C7666
4,6-Dinitro-o-cresol	ND	.779	ND	Q2C7666
2,4-Dinitrophenol	ND	1.56	ND	Q2C7666
2,4-Dinitrotoluene	ND	.312	ND	Q2C7666
2,6-Dinitrotoluene	ND	.312	ND	Q2C7666
Di-n-octyl phthalate	ND	.312	ND	Q2C7666
2-Ethoxyethanol	ND	4.67	ND	Q2C7666
Fluoranthene	ND	.312	ND	Q2C7666
Fluorene	ND	.312	ND	Q2C7666
Hexachlorobenzene	ND	.312	ND	Q2C7666
Hexachlorobutadiene	ND	.312	ND	Q2C7666
Hexachlorocyclopentadiene	ND	.312	ND	Q2C7666

TOTAL BASE/NEUTRAL/ACID ANALYSIS, MS, (MS02)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	021	JK7566

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Hexachloroethane	ND	.312	ND	Q2C7666
Hexachloropropene	ND	.312	ND	Q2C7666
Indeno(1,2,3-c,d)pyrene	ND	.312	ND	Q2C7666
Isophorone	ND	.312	ND	Q2C7666
4,4'-Methylenebis(2-chloroaniline)	ND	.312	ND	Q2C7666
2-Methylnaphthalene	ND	.312	ND	Q2C7666
2-Methylphenol	ND	.312	ND	Q2C7666
4-Methylphenol	ND	.312	ND	Q2C7666
2-Nitropropane	ND	.312	ND	Q2C7666
N-Nitrosodimethylamine	ND	.312	ND	Q2C7666
N-Nitrosodi-n-propylamine	ND	.312	ND	Q2C7666
N-Nitrosodiphenylamine	ND	.312	ND	Q2C7666
Naphthalene	ND	.312	ND	Q2C7666
2-Nitroaniline	ND	.312	ND	Q2C7666
3-Nitroaniline	ND	.312	ND	Q2C7666
4-Nitroaniline	ND	.312	ND	Q2C7666
Nitrobenzene	ND	.312	ND	Q2C7666
2-Nitrophenol	ND	.312	ND	Q2C7666
4-Nitrophenol	ND	1.56	ND	Q2C7666
Pentachlorobenzene	ND	.312	ND	Q2C7666
Pentachloronitrobenzene	ND	.312	ND	Q2C7666
Pentachlorophenol	ND	.312	ND	Q2C7666
Pentachloroethane	ND	.312	ND	Q2C7666
Phenanthrene	ND	.312	ND	Q2C7666
Phenol	ND	.312	ND	Q2C7666
Pronamide	ND	.312	ND	Q2C7666
Pyrene	ND	.312	ND	Q2C7666
Pyridine	ND	.312	ND	Q2C7666
1,2,4,5-Tetrachlorobenzene	ND	.312	ND	Q2C7666
2,3,4,6-Tetrachlorophenol	ND	.312	ND	Q2C7666
1,2,4-Trichlorobenzene	ND	.312	ND	Q2C7666
2,4,5-Trichlorophenol	ND	.312	ND	Q2C7666
2,4,6-Trichlorophenol	ND	.312	ND	Q2C7666

3-Methyl- and 4-Methylphenol coelute and are reported as the total

TOTAL BASE/NEUTRAL/ACID ANALYSIS, MS, (MS02)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-03	JK7368

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Acenaphthene	ND	455	ND	Q4C7634
Acenaphthylene	ND	455	ND	Q4C7634
Anthracene	ND	455	ND	Q4C7634
Benzidine	ND	455	ND	Q4C7634
Benzoic acid	ND	1140	ND	Q4C7634
Benzyl alcohol	ND	455	ND	Q4C7634
Benzo(a)anthracene	ND	455	ND	Q4C7634
Benzo(b)fluoranthene	ND	455	ND	Q4C7634
Benzo(k)fluoranthene	ND	455	ND	Q4C7634
Benzo(ghi)perylene	ND	455	ND	Q4C7634
Benzo(a)pyrene	ND	455	ND	Q4C7634
bis(2-Chloroethoxy)ethane	ND	455	ND	Q4C7634
bis(2-Chloroethyl) ether	ND	455	ND	Q4C7634
bis(2-Chloroethoxy)methane	ND	455	ND	Q4C7634
bis(2-Chloroisopropyl)ether	ND	455	ND	Q4C7634
bis(2-Ethylhexyl)phthalate	ND	455	ND	Q4C7634
4-Bromophenyl phenyl ether	ND	455	ND	Q4C7634
Butyl benzyl phthalate	ND	455	ND	Q4C7634
Carbazole	ND	455	ND	Q4C7634
4-Chloroaniline	ND	455	ND	Q4C7634
p-Chloro-m-cresol	ND	455	ND	Q4C7634
2-Chloronaphthalene	ND	455	ND	Q4C7634
2-Chlorophenol	ND	455	ND	Q4C7634
4-Chlorophenyl phenyl ether	ND	455	ND	Q4C7634
3-Chloropropionitrile	ND	455	ND	Q4C7634
Chrysene	ND	455	ND	Q4C7634
Cyclohexanone	ND	455	ND	Q4C7634
Dibenzo(a,h)anthracene	ND	455	ND	Q4C7634
Dibenzofuran	ND	455	ND	Q4C7634
Di-n-butyl phthalate	ND	455	ND	Q4C7634
1,2-Dichlorobenzene	ND	455	ND	Q4C7634
1,3-Dichlorobenzene	ND	455	ND	Q4C7634
1,4-Dichlorobenzene	ND	455	ND	Q4C7634
3,3'-Dichlorobenzidine	ND	455	ND	Q4C7634
2,4-Dichlorophenol	ND	455	ND	Q4C7634
2,6-Dichlorophenol	ND	455	ND	Q4C7634
Diethyl phthalate	ND	455	ND	Q4C7634
Dimethyl phthalate	ND	455	ND	Q4C7634
2,4-Dimethylphenol	ND	455	ND	Q4C7634
4,6-Dinitro-o-cresol	ND	1140	ND	Q4C7634
2,4-Dinitrophenol	ND	2270	ND	Q4C7634
2,4-Dinitrotoluene	ND	455	ND	Q4C7634
2,6-Dinitrotoluene	ND	455	ND	Q4C7634
Di-n-octyl phthalate	ND	455	ND	Q4C7634
2-Ethoxyethanol	ND	6820	ND	Q4C7634
Fluoranthene	ND	455	ND	Q4C7634
Fluorene	ND	455	ND	Q4C7634
Hexachlorobenzene	ND	455	ND	Q4C7634
Hexachlorobutadiene	ND	455	ND	Q4C7634
Hexachlorocyclopentadiene	ND	455	ND	Q4C7634

TOTAL BASE/NEUTRAL/ACID ANALYSIS, MS, (MS02)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-03	JK7368

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Hexachloroethane	ND	455	ND	Q4C7634
Hexachloropropene	ND	455	ND	Q4C7634
Indeno(1,2,3-c,d)pyrene	ND	455	ND	Q4C7634
Isophorone	ND	455	ND	Q4C7634
4,4'-Methylenebis(2-chloroaniline)	ND	455	ND	Q4C7634
2-Methylnaphthalene	ND	455	ND	Q4C7634
2-Methylphenol	ND	455	ND	Q4C7634
4-Methylphenol	ND	455	ND	Q4C7634
2-Nitropropane	ND	455	ND	Q4C7634
N-Nitrosodimethylamine	ND	455	ND	Q4C7634
N-Nitrosodi-n-propylamine	ND	455	ND	Q4C7634
N-Nitrosodiphenylamine	ND	455	ND	Q4C7634
Naphthalene	ND	455	ND	Q4C7634
2-Nitroaniline	ND	455	ND	Q4C7634
3-Nitroaniline	ND	455	ND	Q4C7634
4-Nitroaniline	ND	455	ND	Q4C7634
Nitrobenzene	ND	455	ND	Q4C7634
2-Nitrophenol	ND	455	ND	Q4C7634
4-Nitrophenol	ND	2270	ND	Q4C7634
Pentachlorobenzene	ND	455	ND	Q4C7634
Pentachloronitrobenzene	ND	455	ND	Q4C7634
Pentachlorophenol	ND	455	ND	Q4C7634
Pentachloroethane	ND	455	ND	Q4C7634
Phenanthrene	ND	455	ND	Q4C7634
Phenol	ND	455	ND	Q4C7634
Pronamide	ND	455	ND	Q4C7634
Pyrene	ND	455	ND	Q4C7634
Pyridine	ND	455	ND	Q4C7634
1,2,4,5-Tetrachlorobenzene	ND	455	ND	Q4C7634
2,3,4,6-Tetrachlorophenol	ND	455	ND	Q4C7634
1,2,4-Trichlorobenzene	ND	455	ND	Q4C7634
2,4,5-Trichlorophenol	ND	455	ND	Q4C7634
2,4,6-Trichlorophenol	ND	455	ND	Q4C7634

3-Methyl- and 4-Methylphenol coelute and are reported as the total

TOTAL BASE/NEUTRAL/ACID ANALYSIS, MS, (MS02)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-09	JK7369

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Acenaphthene	ND	465	ND	Q4C7634
Acenaphthylene	ND	465	ND	Q4C7634
Anthracene	ND	465	ND	Q4C7634
Benzidine	ND	465	ND	Q4C7634
Benzoic acid	ND	1160	ND	Q4C7634
Benzyl alcohol	ND	465	ND	Q4C7634
Benzo(a)anthracene	ND	465	ND	Q4C7634
Benzo(b)fluoranthene	ND	465	ND	Q4C7634
Benzo(k)fluoranthene	ND	465	ND	Q4C7634
Benzo(ghi)perylene	ND	465	ND	Q4C7634
Benzo(a)pyrene	ND	465	ND	Q4C7634
bis(2-Chloroethoxy)ethane	ND	465	ND	Q4C7634
bis(2-Chloroethyl) ether	ND	465	ND	Q4C7634
bis(2-Chloroethoxy)methane	ND	465	ND	Q4C7634
bis(2-Chloroisopropyl)ether	ND	465	ND	Q4C7634
bis(2-Ethylhexyl)phthalate	ND	465	ND	Q4C7634
4-Bromophenyl phenyl ether	ND	465	ND	Q4C7634
Butyl benzyl phthalate	ND	465	ND	Q4C7634
Carbazole	ND	465	ND	Q4C7634
4-Chloroaniline	ND	465	ND	Q4C7634
p-Chloro-m-cresol	ND	465	ND	Q4C7634
2-Chloronaphthalene	ND	465	ND	Q4C7634
2-Chlorophenol	ND	465	ND	Q4C7634
4-Chlorophenyl phenyl ether	ND	465	ND	Q4C7634
3-Chloropropionitrile	ND	465	ND	Q4C7634
Chrysene	ND	465	ND	Q4C7634
Cyclohexanone	ND	465	ND	Q4C7634
Dibenzo(a,h)anthracene	ND	465	ND	Q4C7634
Dibenzofuran	ND	465	ND	Q4C7634
Di-n-butyl phthalate	ND	465	ND	Q4C7634
1,2-Dichlorobenzene	ND	465	ND	Q4C7634
1,3-Dichlorobenzene	ND	465	ND	Q4C7634
1,4-Dichlorobenzene	ND	465	ND	Q4C7634
3,3'-Dichlorobenzidine	ND	465	ND	Q4C7634
2,4-Dichlorophenol	ND	465	ND	Q4C7634
2,6-Dichlorophenol	ND	465	ND	Q4C7634
Diethyl phthalate	ND	465	ND	Q4C7634
Dimethyl phthalate	ND	465	ND	Q4C7634
2,4-Dimethylphenol	ND	465	ND	Q4C7634
4,6-Dinitro-o-cresol	ND	1160	ND	Q4C7634
2,4-Dinitrophenol	ND	2330	ND	Q4C7634
2,4-Dinitrotoluene	ND	465	ND	Q4C7634
2,6-Dinitrotoluene	ND	465	ND	Q4C7634
Di-n-octyl phthalate	ND	465	ND	Q4C7634
2-Ethoxyethanol	ND	6980	ND	Q4C7634
Fluoranthene	ND	465	ND	Q4C7634
Fluorene	ND	465	ND	Q4C7634
Hexachlorobenzene	ND	465	ND	Q4C7634
Hexachlorobutadiene	ND	465	ND	Q4C7634
Hexachlorocyclopentadiene	ND	465	ND	Q4C7634

TOTAL BASE/NEUTRAL/ACID ANALYSIS, MS, (MS02)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-09	JK7369

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Hexachloroethane	ND	465	ND	Q4C7634
Hexachloropropene	ND	465	ND	Q4C7634
Indeno(1,2,3-c,d)pyrene	ND	465	ND	Q4C7634
Isophorone	ND	465	ND	Q4C7634
4,4'-Methylenebis(2-chloroaniline)	ND	465	ND	Q4C7634
2-Methylnaphthalene	ND	465	ND	Q4C7634
2-Methylphenol	ND	465	ND	Q4C7634
4-Methylphenol	ND	465	ND	Q4C7634
2-Nitropropane	ND	465	ND	Q4C7634
N-Nitrosodimethylamine	ND	465	ND	Q4C7634
N-Nitrosodi-n-propylamine	ND	465	ND	Q4C7634
N-Nitrosodiphenylamine	ND	465	ND	Q4C7634
Naphthalene	ND	465	ND	Q4C7634
2-Nitroaniline	ND	465	ND	Q4C7634
3-Nitroaniline	ND	465	ND	Q4C7634
4-Nitroaniline	ND	465	ND	Q4C7634
Nitrobenzene	ND	465	ND	Q4C7634
2-Nitrophenol	ND	465	ND	Q4C7634
4-Nitrophenol	ND	2330	ND	Q4C7634
Pentachlorobenzene	ND	465	ND	Q4C7634
Pentachloronitrobenzene	ND	465	ND	Q4C7634
Pentachlorophenol	ND	465	ND	Q4C7634
Pentachloroethane	ND	465	ND	Q4C7634
Phenanthrene	ND	465	ND	Q4C7634
Phenol	ND	465	ND	Q4C7634
Pronamide	ND	465	ND	Q4C7634
Pyrene	ND	465	ND	Q4C7634
Pyridine	ND	465	ND	Q4C7634
1,2,4,5-Tetrachlorobenzene	ND	465	ND	Q4C7634
2,3,4,6-Tetrachlorophenol	ND	465	ND	Q4C7634
1,2,4-Trichlorobenzene	ND	465	ND	Q4C7634
2,4,5-Trichlorophenol	ND	465	ND	Q4C7634
2,4,6-Trichlorophenol	ND	465	ND	Q4C7634

3-Methyl- and 4-Methylphenol coelute and are reported as the total

TOTAL BASE/NEUTRAL/ACID ANALYSIS, MS, (MS02)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-04	JK7370

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Acenaphthene	ND	488	ND	Q4C7634
Acenaphthylene	ND	488	ND	Q4C7634
Anthracene	ND	488	ND	Q4C7634
Benzidine	ND	488	ND	Q4C7634
Benzoic acid	ND	1220	ND	Q4C7634
Benzyl alcohol	ND	488	ND	Q4C7634
Benzo(a)anthracene	ND	488	ND	Q4C7634
Benzo(b)fluoranthene	ND	488	ND	Q4C7634
Benzo(k)fluoranthene	ND	488	ND	Q4C7634
Benzo(ghi)perylene	ND	488	ND	Q4C7634
Benzo(a)pyrene	ND	488	ND	Q4C7634
bis(2-Chloroethoxy)ethane	ND	488	ND	Q4C7634
bis(2-Chloroethyl) ether	ND	488	ND	Q4C7634
bis(2-Chloroethoxy)methane	ND	488	ND	Q4C7634
bis(2-Chloroisopropyl)ether	ND	488	ND	Q4C7634
bis(2-Ethylhexyl)phthalate	ND	488	ND	Q4C7634
4-Bromophenyl phenyl ether	ND	488	ND	Q4C7634
Butyl benzyl phthalate	ND	488	ND	Q4C7634
Carbazole	ND	488	ND	Q4C7634
4-Chloroaniline	ND	488	ND	Q4C7634
p-Chloro-m-cresol	ND	488	ND	Q4C7634
2-Chloronaphthalene	ND	488	ND	Q4C7634
2-Chlorophenol	ND	488	ND	Q4C7634
4-Chlorophenyl phenyl ether	ND	488	ND	Q4C7634
3-Chloropropionitrile	ND	488	ND	Q4C7634
Chrysene	ND	488	ND	Q4C7634
Cyclohexanone	ND	488	ND	Q4C7634
Dibenzo(a,h)anthracene	ND	488	ND	Q4C7634
Dibenzofuran	ND	488	ND	Q4C7634
Di-n-butyl phthalate	ND	488	ND	Q4C7634
1,2-Dichlorobenzene	ND	488	ND	Q4C7634
1,3-Dichlorobenzene	ND	488	ND	Q4C7634
1,4-Dichlorobenzene	ND	488	ND	Q4C7634
3,3'-Dichlorobenzidine	ND	488	ND	Q4C7634
2,4-Dichlorophenol	ND	488	ND	Q4C7634
2,6-Dichlorophenol	ND	488	ND	Q4C7634
Diethyl phthalate	ND	488	ND	Q4C7634
Dimethyl phthalate	ND	488	ND	Q4C7634
2,4-Dimethylphenol	ND	488	ND	Q4C7634
4,6-Dinitro-o-cresol	ND	1220	ND	Q4C7634
2,4-Dinitrophenol	ND	2440	ND	Q4C7634
2,4-Dinitrotoluene	ND	488	ND	Q4C7634
2,6-Dinitrotoluene	ND	488	ND	Q4C7634
Di-n-octyl phthalate	ND	488	ND	Q4C7634
2-Ethoxyethanol	ND	7320	ND	Q4C7634
Fluoranthene	ND	488	ND	Q4C7634
Fluorene	ND	488	ND	Q4C7634
Hexachlorobenzene	ND	488	ND	Q4C7634
Hexachlorobutadiene	ND	488	ND	Q4C7634
Hexachlorocyclopentadiene	ND	488	ND	Q4C7634

TOTAL BASE/NEUTRAL/ACID ANALYSIS, MS, (MS02)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-04	JK7370

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Hexachloroethane	ND	488	ND	Q4C7634
Hexachloropropene	ND	488	ND	Q4C7634
Indeno(1,2,3-c,d)pyrene	ND	488	ND	Q4C7634
Isophorone	ND	488	ND	Q4C7634
4,4'-Methylenebis(2-chloroaniline)	ND	488	ND	Q4C7634
2-Methylnaphthalene	ND	488	ND	Q4C7634
2-Methylphenol	ND	488	ND	Q4C7634
4-Methylphenol	ND	488	ND	Q4C7634
2-Nitropropane	ND	488	ND	Q4C7634
N-Nitrosodimethylamine	ND	488	ND	Q4C7634
N-Nitrosodi-n-propylamine	ND	488	ND	Q4C7634
N-Nitrosodiphenylamine	ND	488	ND	Q4C7634
Naphthalene	ND	488	ND	Q4C7634
2-Nitroaniline	ND	488	ND	Q4C7634
3-Nitroaniline	ND	488	ND	Q4C7634
4-Nitroaniline	ND	488	ND	Q4C7634
Nitrobenzene	ND	488	ND	Q4C7634
2-Nitrophenol	ND	488	ND	Q4C7634
4-Nitrophenol	ND	2440	ND	Q4C7634
Pentachlorobenzene	ND	488	ND	Q4C7634
Pentachloronitrobenzene	ND	488	ND	Q4C7634
Pentachlorophenol	ND	488	ND	Q4C7634
Pentachloroethane	ND	488	ND	Q4C7634
Phenanthrene	ND	488	ND	Q4C7634
Phenol	ND	488	ND	Q4C7634
Pronamide	ND	488	ND	Q4C7634
Pyrene	ND	488	ND	Q4C7634
Pyridine	ND	488	ND	Q4C7634
1,2,4,5-Tetrachlorobenzene	ND	488	ND	Q4C7634
2,3,4,6-Tetrachlorophenol	ND	488	ND	Q4C7634
1,2,4-Trichlorobenzene	ND	488	ND	Q4C7634
2,4,5-Trichlorophenol	ND	488	ND	Q4C7634
2,4,6-Trichlorophenol	ND	488	ND	Q4C7634

3-Methyl- and 4-Methylphenol coelute and are reported as the total

TOTAL BASE/NEUTRAL/ACID ANALYSIS, MS, (MS02)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	162	JK7371

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Acenaphthene	ND	452	ND	Q4C7634
Acenaphthylene	ND	452	ND	Q4C7634
Anthracene	ND	452	ND	Q4C7634
Benzidine	ND	452	ND	Q4C7634
Benzoic acid	ND	1130	ND	Q4C7634
Benzyl alcohol	ND	452	ND	Q4C7634
Benzo(a)anthracene	ND	452	ND	Q4C7634
Benzo(b)fluoranthene	ND	452	ND	Q4C7634
Benzo(k)fluoranthene	ND	452	ND	Q4C7634
Benzo(ghi)perylene	ND	452	ND	Q4C7634
Benzo(a)pyrene	ND	452	ND	Q4C7634
bis(2-Chloroethoxy)ethane	ND	452	ND	Q4C7634
bis(2-Chloroethyl) ether	ND	452	ND	Q4C7634
bis(2-Chloroethoxy)methane	ND	452	ND	Q4C7634
bis(2-Chloroisopropyl)ether	ND	452	ND	Q4C7634
bis(2-Ethylhexyl)phthalate	ND	452	ND	Q4C7634
4-Bromophenyl phenyl ether	ND	452	ND	Q4C7634
Butyl benzyl phthalate	ND	452	ND	Q4C7634
Carbazole	ND	452	ND	Q4C7634
4-Chloroaniline	ND	452	ND	Q4C7634
p-Chloro-m-cresol	ND	452	ND	Q4C7634
2-Chloronaphthalene	ND	452	ND	Q4C7634
2-Chlorophenol	ND	452	ND	Q4C7634
4-Chlorophenyl phenyl ether	ND	452	ND	Q4C7634
3-Chloropropionitrile	ND	452	ND	Q4C7634
Chrysene	ND	452	ND	Q4C7634
Cyclohexanone	ND	452	ND	Q4C7634
Dibenzo(a,h)anthracene	ND	452	ND	Q4C7634
Dibenzofuran	ND	452	ND	Q4C7634
Di-n-butyl phthalate	ND	452	ND	Q4C7634
1,2-Dichlorobenzene	ND	452	ND	Q4C7634
1,3-Dichlorobenzene	ND	452	ND	Q4C7634
1,4-Dichlorobenzene	ND	452	ND	Q4C7634
3,3'-Dichlorobenzidine	ND	452	ND	Q4C7634
2,4-Dichlorophenol	ND	452	ND	Q4C7634
2,6-Dichlorophenol	ND	452	ND	Q4C7634
Diethyl phthalate	ND	452	ND	Q4C7634
Dimethyl phthalate	ND	452	ND	Q4C7634
2,4-Dimethylphenol	ND	452	ND	Q4C7634
4,6-Dinitro-o-cresol	ND	1130	ND	Q4C7634
2,4-Dinitrophenol	ND	2260	ND	Q4C7634
2,4-Dinitrotoluene	ND	452	ND	Q4C7634
2,6-Dinitrotoluene	ND	452	ND	Q4C7634
Di-n-octyl phthalate	ND	452	ND	Q4C7634
2-Ethoxyethanol	ND	6790	ND	Q4C7634
Fluoranthene	ND	452	ND	Q4C7634
Fluorene	ND	452	ND	Q4C7634
Hexachlorobenzene	ND	452	ND	Q4C7634
Hexachlorobutadiene	ND	452	ND	Q4C7634
Hexachlorocyclopentadiene	ND	452	ND	Q4C7634

TOTAL BASE/NEUTRAL/ACID ANALYSIS, MS, (MS02)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	162	JK7371

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Hexachloroethane	ND	452	ND	Q4C7634
Hexachloropropene	ND	452	ND	Q4C7634
Indeno(1,2,3-c,d)pyrene	ND	452	ND	Q4C7634
Isophorone	ND	452	ND	Q4C7634
4,4'-Methylenebis(2-chloroaniline)	ND	452	ND	Q4C7634
2-Methylnaphthalene	ND	452	ND	Q4C7634
2-Methylphenol	ND	452	ND	Q4C7634
4-Methylphenol	ND	452	ND	Q4C7634
2-Nitropropane	ND	452	ND	Q4C7634
N-Nitrosodimethylamine	ND	452	ND	Q4C7634
N-Nitrosodi-n-propylamine	ND	452	ND	Q4C7634
N-Nitrosodiphenylamine	ND	452	ND	Q4C7634
Naphthalene	ND	452	ND	Q4C7634
2-Nitroaniline	ND	452	ND	Q4C7634
3-Nitroaniline	ND	452	ND	Q4C7634
4-Nitroaniline	ND	452	ND	Q4C7634
Nitrobenzene	ND	452	ND	Q4C7634
2-Nitrophenol	ND	452	ND	Q4C7634
4-Nitrophenol	ND	2260	ND	Q4C7634
Pentachlorobenzene	ND	452	ND	Q4C7634
Pentachloronitrobenzene	ND	452	ND	Q4C7634
Pentachlorophenol	ND	452	ND	Q4C7634
Pentachloroethane	ND	452	ND	Q4C7634
Phenanthrene	ND	452	ND	Q4C7634
Phenol	ND	452	ND	Q4C7634
Pronamide	ND	452	ND	Q4C7634
Pyrene	ND	452	ND	Q4C7634
Pyridine	ND	452	ND	Q4C7634
1,2,4,5-Tetrachlorobenzene	ND	452	ND	Q4C7634
2,3,4,6-Tetrachlorophenol	ND	452	ND	Q4C7634
1,2,4-Trichlorobenzene	ND	452	ND	Q4C7634
2,4,5-Trichlorophenol	ND	452	ND	Q4C7634
2,4,6-Trichlorophenol	ND	452	ND	Q4C7634

3-Methyl- and 4-Methylphenol coelute and are reported as the total

TOTAL BASE/NEUTRAL/ACID ANALYSIS, MS, (MS02)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	053	JK7372

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Acenaphthene	ND	493	ND	Q4C7634
Acenaphthylene	ND	493	ND	Q4C7634
Anthracene	ND	493	ND	Q4C7634
Benzidine	ND	493	ND	Q4C7634
Benzoic acid	ND	1230	ND	Q4C7634
Benzyl alcohol	ND	493	ND	Q4C7634
Benzo(a)anthracene	ND	493	ND	Q4C7634
Benzo(b)fluoranthene	ND	493	ND	Q4C7634
Benzo(k)fluoranthene	ND	493	ND	Q4C7634
Benzo(ghi)perylene	ND	493	ND	Q4C7634
Benzo(a)pyrene	ND	493	ND	Q4C7634
bis(2-Chloroethoxy)ethane	ND	493	ND	Q4C7634
bis(2-Chloroethyl) ether	ND	493	ND	Q4C7634
bis(2-Chloroethoxy)methane	ND	493	ND	Q4C7634
bis(2-Chloroisopropyl)ether	ND	493	ND	Q4C7634
bis(2-Ethylhexyl)phthalate	ND	493	ND	Q4C7634
4-Bromophenyl phenyl ether	ND	493	ND	Q4C7634
Butyl benzyl phthalate	ND	493	ND	Q4C7634
Carbazole	ND	493	ND	Q4C7634
4-Chloroaniline	ND	493	ND	Q4C7634
p-Chloro-m-cresol	ND	493	ND	Q4C7634
2-Chloronaphthalene	ND	493	ND	Q4C7634
2-Chlorophenol	ND	493	ND	Q4C7634
4-Chlorophenyl phenyl ether	ND	493	ND	Q4C7634
3-Chloropropionitrile	ND	493	ND	Q4C7634
Chrysene	ND	493	ND	Q4C7634
Cyclohexanone	ND	493	ND	Q4C7634
Dibenzo(a,h)anthracene	ND	493	ND	Q4C7634
Dibenzofuran	ND	493	ND	Q4C7634
Di-n-butyl phthalate	ND	493	ND	Q4C7634
1,2-Dichlorobenzene	ND	493	ND	Q4C7634
1,3-Dichlorobenzene	ND	493	ND	Q4C7634
1,4-Dichlorobenzene	ND	493	ND	Q4C7634
3,3'-Dichlorobenzidine	ND	493	ND	Q4C7634
2,4-Dichlorophenol	ND	493	ND	Q4C7634
2,6-Dichlorophenol	ND	493	ND	Q4C7634
Diethyl phthalate	ND	493	ND	Q4C7634
Dimethyl phthalate	ND	493	ND	Q4C7634
2,4-Dimethylphenol	ND	493	ND	Q4C7634
4,6-Dinitro-o-cresol	ND	1230	ND	Q4C7634
2,4-Dinitrophenol	ND	2460	ND	Q4C7634
2,4-Dinitrotoluene	ND	493	ND	Q4C7634
2,6-Dinitrotoluene	ND	493	ND	Q4C7634
Di-n-octyl phthalate	ND	493	ND	Q4C7634
2-Ethoxyethanol	ND	7390	ND	Q4C7634
Fluoranthene	ND	493	ND	Q4C7634
Fluorene	ND	493	ND	Q4C7634
Hexachlorobenzene	ND	493	ND	Q4C7634
Hexachlorobutadiene	ND	493	ND	Q4C7634
Hexachlorocyclopentadiene	ND	493	ND	Q4C7634

TOTAL BASE/NEUTRAL/ACID ANALYSIS, MS, (MS02)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	053	JK7372

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Hexachloroethane	ND	493	ND	Q4C7634
Hexachloropropene	ND	493	ND	Q4C7634
Indeno(1,2,3-c,d)pyrene	ND	493	ND	Q4C7634
Isophorone	ND	493	ND	Q4C7634
4,4'-Methylenebis(2-chloroaniline)	ND	493	ND	Q4C7634
2-Methylnaphthalene	ND	493	ND	Q4C7634
2-Methylphenol	ND	493	ND	Q4C7634
4-Methylphenol	ND	493	ND	Q4C7634
2-Nitropropane	ND	493	ND	Q4C7634
N-Nitrosodimethylamine	ND	493	ND	Q4C7634
N-Nitrosodi-n-propylamine	ND	493	ND	Q4C7634
N-Nitrosodiphenylamine	ND	493	ND	Q4C7634
Naphthalene	ND	493	ND	Q4C7634
2-Nitroaniline	ND	493	ND	Q4C7634
3-Nitroaniline	ND	493	ND	Q4C7634
4-Nitroaniline	ND	493	ND	Q4C7634
Nitrobenzene	ND	493	ND	Q4C7634
2-Nitrophenol	ND	493	ND	Q4C7634
4-Nitrophenol	ND	2460	ND	Q4C7634
Pentachlorobenzene	ND	493	ND	Q4C7634
Pentachloronitrobenzene	ND	493	ND	Q4C7634
Pentachlorophenol	ND	493	ND	Q4C7634
Pentachloroethane	ND	493	ND	Q4C7634
Phenanthrene	ND	493	ND	Q4C7634
Phenol	ND	493	ND	Q4C7634
Pronamide	ND	493	ND	Q4C7634
Pyrene	ND	493	ND	Q4C7634
Pyridine	ND	493	ND	Q4C7634
1,2,4,5-Tetrachlorobenzene	ND	493	ND	Q4C7634
2,3,4,6-Tetrachlorophenol	ND	493	ND	Q4C7634
1,2,4-Trichlorobenzene	ND	493	ND	Q4C7634
2,4,5-Trichlorophenol	ND	493	ND	Q4C7634
2,4,6-Trichlorophenol	ND	493	ND	Q4C7634

3-Methyl- and 4-Methylphenol coelute and are reported as the total

TOTAL BASE/NEUTRAL/ACID ANALYSIS, MS, (MS02)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-05	JK7373

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Acenaphthene	ND	444	ND	Q4C7634
Acenaphthylene	ND	444	ND	Q4C7634
Anthracene	ND	444	ND	Q4C7634
Benzidine	ND	444	ND	Q4C7634
Benzoic acid	ND	1110	ND	Q4C7634
Benzyl alcohol	ND	444	ND	Q4C7634
Benzo(a)anthracene	ND	444	ND	Q4C7634
Benzo(b)fluoranthene	ND	444	ND	Q4C7634
Benzo(k)fluoranthene	ND	444	ND	Q4C7634
Benzo(ghi)perylene	ND	444	ND	Q4C7634
Benzo(a)pyrene	ND	444	ND	Q4C7634
bis(2-Chloroethoxy)ethane	ND	444	ND	Q4C7634
bis(2-Chloroethyl) ether	ND	444	ND	Q4C7634
bis(2-Chloroethoxy)methane	ND	444	ND	Q4C7634
bis(2-Chloroisopropyl)ether	ND	444	ND	Q4C7634
bis(2-Ethylhexyl)phthalate	ND	444	ND	Q4C7634
4-Bromophenyl phenyl ether	ND	444	ND	Q4C7634
Butyl benzyl phthalate	ND	444	ND	Q4C7634
Carbazole	ND	444	ND	Q4C7634
4-Chloroaniline	ND	444	ND	Q4C7634
p-Chloro-m-cresol	ND	444	ND	Q4C7634
2-Chloronaphthalene	ND	444	ND	Q4C7634
2-Chlorophenol	ND	444	ND	Q4C7634
4-Chlorophenyl phenyl ether	ND	444	ND	Q4C7634
3-Chloropropionitrile	ND	444	ND	Q4C7634
Chrysene	ND	444	ND	Q4C7634
Cyclohexanone	ND	444	ND	Q4C7634
Dibenzo(a,h)anthracene	ND	444	ND	Q4C7634
Dibenzofuran	ND	444	ND	Q4C7634
Di-n-butyl phthalate	ND	444	ND	Q4C7634
1,2-Dichlorobenzene	ND	444	ND	Q4C7634
1,3-Dichlorobenzene	ND	444	ND	Q4C7634
1,4-Dichlorobenzene	ND	444	ND	Q4C7634
3,3'-Dichlorobenzidine	ND	444	ND	Q4C7634
2,4-Dichlorophenol	ND	444	ND	Q4C7634
2,6-Dichlorophenol	ND	444	ND	Q4C7634
Diethyl phthalate	ND	444	ND	Q4C7634
Dimethyl phthalate	ND	444	ND	Q4C7634
2,4-Dimethylphenol	ND	444	ND	Q4C7634
4,6-Dinitro-o-cresol	ND	1110	ND	Q4C7634
2,4-Dinitrophenol	ND	2220	ND	Q4C7634
2,4-Dinitrotoluene	ND	444	ND	Q4C7634
2,6-Dinitrotoluene	ND	444	ND	Q4C7634
Di-n-octyl phthalate	ND	444	ND	Q4C7634
2-Ethoxyethanol	ND	6670	ND	Q4C7634
Fluoranthene	ND	444	ND	Q4C7634
Fluorene	ND	444	ND	Q4C7634
Hexachlorobenzene	ND	444	ND	Q4C7634
Hexachlorobutadiene	ND	444	ND	Q4C7634
Hexachlorocyclopentadiene	ND	444	ND	Q4C7634

TOTAL BASE/NEUTRAL/ACID ANALYSIS, MS, (MS02)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-05	JK7373

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Hexachloroethane	ND	444	ND	Q4C7634
Hexachloropropene	ND	444	ND	Q4C7634
Indeno(1,2,3-c,d)pyrene	ND	444	ND	Q4C7634
Isophorone	ND	444	ND	Q4C7634
4,4'-Methylenebis(2-chloroaniline)	ND	444	ND	Q4C7634
2-Methylnaphthalene	ND	444	ND	Q4C7634
2-Methylphenol	ND	444	ND	Q4C7634
4-Methylphenol	ND	444	ND	Q4C7634
2-Nitropropane	ND	444	ND	Q4C7634
N-Nitrosodimethylamine	ND	444	ND	Q4C7634
N-Nitrosodi-n-propylamine	ND	444	ND	Q4C7634
N-Nitrosodiphenylamine	ND	444	ND	Q4C7634
Naphthalene	ND	444	ND	Q4C7634
2-Nitroaniline	ND	444	ND	Q4C7634
3-Nitroaniline	ND	444	ND	Q4C7634
4-Nitroaniline	ND	444	ND	Q4C7634
Nitrobenzene	ND	444	ND	Q4C7634
2-Nitrophenol	ND	444	ND	Q4C7634
4-Nitrophenol	ND	2220	ND	Q4C7634
Pentachlorobenzene	ND	444	ND	Q4C7634
Pentachloronitrobenzene	ND	444	ND	Q4C7634
Pentachlorophenol	ND	444	ND	Q4C7634
Pentachloroethane	ND	444	ND	Q4C7634
Phenanthrene	ND	444	ND	Q4C7634
Phenol	ND	444	ND	Q4C7634
Pronamide	ND	444	ND	Q4C7634
Pyrene	ND	444	ND	Q4C7634
Pyridine	ND	444	ND	Q4C7634
1,2,4,5-Tetrachlorobenzene	ND	444	ND	Q4C7634
2,3,4,6-Tetrachlorophenol	ND	444	ND	Q4C7634
1,2,4-Trichlorobenzene	ND	444	ND	Q4C7634
2,4,5-Trichlorophenol	ND	444	ND	Q4C7634
2,4,6-Trichlorophenol	ND	444	ND	Q4C7634

3-Methyl- and 4-Methylphenol coelute and are reported as the total

TOTAL BASE/NEUTRAL/ACID ANALYSIS, MS, (MS02)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	248	JK7376

Compounds	Sample Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number
Acenaphthene	ND	6.85	ND	Q1C7650
Acenaphthylene	ND	6.85	ND	Q1C7650
Anthracene	ND	6.85	ND	Q1C7650
Benzidine	ND	6.85	ND	Q1C7650
Benzoic acid	ND	17.1	ND	Q1C7650
Benzyl alcohol	ND	6.85	ND	Q1C7650
Benzo(a)anthracene	ND	6.85	ND	Q1C7650
Benzo(b)fluoranthene	ND	6.85	ND	Q1C7650
Benzo(k)fluoranthene	ND	6.85	ND	Q1C7650
Benzo(ghi)perylene	ND	6.85	ND	Q1C7650
Benzo(a)pyrene	ND	6.85	ND	Q1C7650
bis(2-Chloroethoxy)ethane	ND	6.85	ND	Q1C7650
bis(2-Chloroethyl) ether	ND	6.85	ND	Q1C7650
bis(2-Chloroethoxy)methane	ND	6.85	ND	Q1C7650
bis(2-Chloroisopropyl)ether	ND	6.85	ND	Q1C7650
bis(2-Ethylhexyl)phthalate	ND	6.85	ND	Q1C7650
4-Bromophenyl phenyl ether	ND	6.85	ND	Q1C7650
Butyl benzyl phthalate	ND	6.85	ND	Q1C7650
Carbazole	ND	6.85	ND	Q1C7650
4-Chloroaniline	ND	6.85	ND	Q1C7650
p-Chloro-m-cresol	ND	6.85	ND	Q1C7650
2-Chloronaphthalene	ND	6.85	ND	Q1C7650
2-Chlorophenol	ND	6.85	ND	Q1C7650
4-Chlorophenyl phenyl ether	ND	6.85	ND	Q1C7650
3-Chloropropionitrile	ND	6.85	ND	Q1C7650
Chrysene	ND	6.85	ND	Q1C7650
Cyclohexanone	ND	6.85	ND	Q1C7650
Dibenzo(a,h)anthracene	ND	6.85	ND	Q1C7650
Dibenzofuran	ND	6.85	ND	Q1C7650
Di-n-butyl phthalate	ND	6.85	ND	Q1C7650
1,2-Dichlorobenzene	ND	6.85	ND	Q1C7650
1,3-Dichlorobenzene	ND	6.85	ND	Q1C7650
1,4-Dichlorobenzene	ND	6.85	ND	Q1C7650
3,3'-Dichlorobenzidine	ND	6.85	ND	Q1C7650
2,4-Dichlorophenol	ND	6.85	ND	Q1C7650
2,6-Dichlorophenol	ND	6.85	ND	Q1C7650
Diethyl phthalate	ND	6.85	ND	Q1C7650
Dimethyl phthalate	ND	6.85	ND	Q1C7650
2,4-Dimethylphenol	ND	6.85	ND	Q1C7650
4,6-Dinitro-o-cresol	ND	17.1	ND	Q1C7650
2,4-Dinitrophenol	ND	34.2	ND	Q1C7650
2,4-Dinitrotoluene	ND	6.85	ND	Q1C7650
2,6-Dinitrotoluene	ND	6.85	ND	Q1C7650
Di-n-octyl phthalate	ND	6.85	ND	Q1C7650
2-Ethoxyethanol	ND	103	ND	Q1C7650
Fluoranthene	ND	6.85	ND	Q1C7650
Fluorene	ND	6.85	ND	Q1C7650
Hexachlorobenzene	ND	6.85	ND	Q1C7650
Hexachlorobutadiene	ND	6.85	ND	Q1C7650
Hexachlorocyclopentadiene	ND	6.85	ND	Q1C7650

TOTAL BASE/NEUTRAL/ACID ANALYSIS, MS, (MS02)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	248	JK7376

Compounds	Sample Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number
Hexachloroethane	ND	6.85	ND	Q1C7650
Hexachloropropene	ND	6.85	ND	Q1C7650
Indeno(1,2,3-c,d)pyrene	ND	6.85	ND	Q1C7650
Isophorone	ND	6.85	ND	Q1C7650
4,4'-Methylenebis(2-chloroaniline)	ND	6.85	ND	Q1C7650
2-Methylnaphthalene	ND	6.85	ND	Q1C7650
2-Methylphenol	ND	6.85	ND	Q1C7650
4-Methylphenol	ND	6.85	ND	Q1C7650
2-Nitropropane	ND	6.85	ND	Q1C7650
N-Nitrosodimethylamine	ND	6.85	ND	Q1C7650
N-Nitrosodi-n-propylamine	ND	6.85	ND	Q1C7650
N-Nitrosodiphenylamine	ND	6.85	ND	Q1C7650
Naphthalene	ND	6.85	ND	Q1C7650
2-Nitroaniline	ND	6.85	ND	Q1C7650
3-Nitroaniline	ND	6.85	ND	Q1C7650
4-Nitroaniline	ND	6.85	ND	Q1C7650
Nitrobenzene	ND	6.85	ND	Q1C7650
2-Nitrophenol	ND	6.85	ND-	Q1C7650
4-Nitrophenol	ND	34.2	ND	Q1C7650
Pentachlorobenzene	ND	6.85	ND	Q1C7650
Pentachloronitrobenzene	ND	6.85	ND	Q1C7650
Pentachlorophenol	ND	6.85	ND	Q1C7650
Pentachloroethane	ND	6.85	ND	Q1C7650
Phenanthrene	ND	6.85	ND	Q1C7650
Phenol	ND	6.85	ND	Q1C7650
Pronamide	ND	6.85	ND	Q1C7650
Pyrene	ND	6.85	ND	Q1C7650
Pyridine	ND	6.85	ND	Q1C7650
1,2,4,5-Tetrachlorobenzene	ND	6.85	ND	Q1C7650
2,3,4,6-Tetrachlorophenol	ND	6.85	ND	Q1C7650
1,2,4-Trichlorobenzene	ND	6.85	ND	Q1C7650
2,4,5-Trichlorophenol	ND	6.85	ND	Q1C7650
2,4,6-Trichlorophenol	ND	6.85	ND	Q1C7650

3-Methyl- and 4-Methylphenol coelute and are reported as the total

- These reporting limits are higher than usual due to matrix interferences.

TOTAL BASE/NEUTRAL/ACID ANALYSIS, MS, (MS02)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	136	JK7377

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Acenaphthene	ND	.325	ND	Q2C7666
Acenaphthylene	ND	.325	ND	Q2C7666
Anthracene	ND	.325	ND	Q2C7666
Benzidine	ND	.325	ND	Q2C7666
Benzoic acid	ND	.812	ND	Q2C7666
Benzyl alcohol	ND	.325	ND	Q2C7666
Benzo(a)anthracene	ND	.325	ND	Q2C7666
Benzo(b)fluoranthene	ND	.325	ND	Q2C7666
Benzo(k)fluoranthene	ND	.325	ND	Q2C7666
Benzo(ghi)perylene	ND	.325	ND	Q2C7666
Benzo(a)pyrene	ND	.325	ND	Q2C7666
bis(2-Chloroethoxy)ethane	ND	.325	ND	Q2C7666
bis(2-Chloroethyl) ether	ND	.325	ND	Q2C7666
bis(2-Chloroethoxy)methane	ND	.325	ND	Q2C7666
bis(2-Chloroisopropyl)ether	ND	.325	ND	Q2C7666
bis(2-Ethylhexyl)phthalate	ND	.325	ND	Q2C7666
4-Bromophenyl phenyl ether	ND	.325	ND	Q2C7666
Butyl benzyl phthalate	ND	.325	ND	Q2C7666
Carbazole	ND	.325	ND	Q2C7666
4-Chloroaniline	ND	.325	ND	Q2C7666
p-Chloro-m-cresol	ND	.325	ND	Q2C7666
2-Chloronaphthalene	ND	.325	ND	Q2C7666
2-Chlorophenol	ND	.325	ND	Q2C7666
4-Chlorophenyl phenyl ether	ND	.325	ND	Q2C7666
-Chloropropionitrile	ND	.325	ND	Q2C7666
Chrysene	ND	.325	ND	Q2C7666
Cyclohexanone	ND	.325	ND	Q2C7666
Dibenzo(a,h)anthracene	ND	.325	ND	Q2C7666
Dibenzofuran	ND	.325	ND	Q2C7666
Di-n-butyl phthalate	ND	.325	ND	Q2C7666
1,2-Dichlorobenzene	ND	.325	ND	Q2C7666
1,3-Dichlorobenzene	ND	.325	ND	Q2C7666
1,4-Dichlorobenzene	ND	.325	ND	Q2C7666
3,3'-Dichlorobenzidine	ND	.325	ND	Q2C7666
2,4-Dichlorophenol	ND	.325	ND	Q2C7666
2,6-Dichlorophenol	ND	.325	ND	Q2C7666
Diethyl phthalate	ND	.325	ND	Q2C7666
Dimethyl phthalate	ND	.325	ND	Q2C7666
2,4-Dimethylphenol	ND	.325	ND	Q2C7666
4,6-Dinitro-o-cresol	ND	.812	ND	Q2C7666
2,4-Dinitrophenol	ND	1.62	ND	Q2C7666
2,4-Dinitrotoluene	ND	.325	ND	Q2C7666
2,6-Dinitrotoluene	ND	.325	ND	Q2C7666
Di-n-octyl phthalate	ND	.325	ND	Q2C7666
2-Ethoxyethanol	ND	4.87	ND	Q2C7666
Fluoranthene	ND	.325	ND	Q2C7666
Fluorene	ND	.325	ND	Q2C7666
Hexachlorobenzene	ND	.325	ND	Q2C7666
Hexachlorobutadiene	ND	.325	ND	Q2C7666
Hexachlorocyclopentadiene	ND	.325	ND	Q2C7666

TOTAL BASE/NEUTRAL/ACID ANALYSIS, MS, (MS02)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	136	JK7377

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Hexachloroethane	ND	.325	ND	Q2C7666
Hexachloropropene	ND	.325	ND	Q2C7666
Indeno(1,2,3-c,d)pyrene	ND	.325	ND	Q2C7666
Isophorone	ND	.325	ND	Q2C7666
4,4'-Methylenebis(2-chloroaniline)	ND	.325	ND	Q2C7666
2-Methylnaphthalene	ND	.325	ND	Q2C7666
2-Methylphenol	ND	.325	ND	Q2C7666
4-Methylphenol	ND	.325	ND	Q2C7666
2-Nitropropane	ND	.325	ND	Q2C7666
N-Nitrosodimethylamine	ND	.325	ND	Q2C7666
N-Nitrosodi-n-propylamine	ND	.325	ND	Q2C7666
N-Nitrosodiphenylamine	ND	.325	ND	Q2C7666
Naphthalene	ND	.325	ND	Q2C7666
2-Nitroaniline	ND	.325	ND	Q2C7666
3-Nitroaniline	ND	.325	ND	Q2C7666
4-Nitroaniline	ND	.325	ND	Q2C7666
Nitrobenzene	ND	.325	ND	Q2C7666
2-Nitrophenol	ND	.325	ND	Q2C7666
4-Nitrophenol	ND	1.62	ND	Q2C7666
Pentachlorobenzene	ND	.325	ND	Q2C7666
Pentachloronitrobenzene	ND	.325	ND	Q2C7666
Pentachlorophenol	ND	.325	ND	Q2C7666
Pentachloroethane	ND	.325	ND	Q2C7666
Phenanthrene	ND	.325	ND	Q2C7666
Phenol	ND	.325	ND	Q2C7666
Pronamide	ND	.325	ND	Q2C7666
Pyrene	ND	.325	ND	Q2C7666
Pyridine	ND	.325	ND	Q2C7666
1,2,4,5-Tetrachlorobenzene	ND	.325	ND	Q2C7666
2,3,4,6-Tetrachlorophenol	ND	.325	ND	Q2C7666
1,2,4-Trichlorobenzene	ND	.325	ND	Q2C7666
2,4,5-Trichlorophenol	ND	.325	ND	Q2C7666
2,4,6-Trichlorophenol	ND	.325	ND	Q2C7666

3-Methyl- and 4-Methylphenol coelute and are reported as the total

TOTAL BASE/NEUTRAL/ACID ANALYSIS, MS, (MS02)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	114	JK7378

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Acenaphthene	ND	12.7	ND	Q2C7666
Acenaphthylene	ND	12.7	ND	Q2C7666
Anthracene	ND	12.7	ND	Q2C7666
Benzidine	ND	12.7	ND	Q2C7666
Benzoic acid	ND	31.8	ND	Q2C7666
Benzyl alcohol	ND	12.7	ND	Q2C7666
Benzo(a)anthracene	ND	12.7	ND	Q2C7666
Benzo(b)fluoranthene	ND	12.7	ND	Q2C7666
Benzo(k)fluoranthene	ND	12.7	ND	Q2C7666
Benzo(ghi)perylene	ND	12.7	ND	Q2C7666
Benzo(a)pyrene	ND	12.7	ND	Q2C7666
bis(2-Chloroethoxy)ethane	ND	12.7	ND	Q2C7666
bis(2-Chloroethyl) ether	ND	12.7	ND	Q2C7666
bis(2-Chloroethoxy)methane	ND	12.7	ND	Q2C7666
bis(2-Chloroisopropyl)ether	ND	12.7	ND	Q2C7666
bis(2-Ethylhexyl)phthalate	13.1	12.7	ND	Q2C7666
4-Bromophenyl phenyl ether	ND	12.7	ND	Q2C7666
Butyl benzyl phthalate	ND	12.7	ND	Q2C7666
Carbazole	ND	12.7	ND	Q2C7666
4-Chloroaniline	ND	12.7	ND	Q2C7666
p-Chloro-m-cresol	ND	12.7	ND	Q2C7666
2-Chloronaphthalene	ND	12.7	ND	Q2C7666
2-Chlorophenol	ND	12.7	ND	Q2C7666
4-Chlorophenyl phenyl ether	ND	12.7	ND	Q2C7666
3-Chloropropionitrile	ND	12.7	ND	Q2C7666
Chrysene	ND	12.7	ND	Q2C7666
Cyclohexanone	ND	12.7	ND	Q2C7666
Dibenzo(a,h)anthracene	ND	12.7	ND	Q2C7666
Dibenzofuran	ND	12.7	ND	Q2C7666
Di-n-butyl phthalate	ND	12.7	ND	Q2C7666
1,2-Dichlorobenzene	ND	12.7	ND	Q2C7666
1,3-Dichlorobenzene	ND	12.7	ND	Q2C7666
1,4-Dichlorobenzene	ND	12.7	ND	Q2C7666
3,3'-Dichlorobenzidine	ND	12.7	ND	Q2C7666
2,4-Dichlorophenol	ND	12.7	ND	Q2C7666
2,6-Dichlorophenol	ND	12.7	ND	Q2C7666
Diethyl phthalate	ND	12.7	ND	Q2C7666
Dimethyl phthalate	ND	12.7	ND	Q2C7666
2,4-Dimethylphenol	ND	12.7	ND	Q2C7666
4,6-Dinitro-o-cresol	ND	31.8	ND	Q2C7666
2,4-Dinitrophenol	ND	63.7	ND	Q2C7666
2,4-Dinitrotoluene	ND	12.7	ND	Q2C7666
2,6-Dinitrotoluene	ND	12.7	ND	Q2C7666
Di-n-octyl phthalate	ND	12.7	ND	Q2C7666
2-Ethoxyethanol	ND	191	ND	Q2C7666
Fluoranthene	ND	12.7	ND	Q2C7666
Fluorene	ND	12.7	ND	Q2C7666
Hexachlorobenzene	ND	12.7	ND	Q2C7666
Hexachlorobutadiene	ND	12.7	ND	Q2C7666
Hexachlorocyclopentadiene	ND	12.7	ND	Q2C7666

TOTAL BASE/NEUTRAL/ACID ANALYSIS, MS, (MS02)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	114	JK7378

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Hexachloroethane	ND	12.7	ND	Q2C7666
Hexachloropropene	ND	12.7	ND	Q2C7666
Indeno(1,2,3-c,d)pyrene	ND	12.7	ND	Q2C7666
Isophorone	ND	12.7	ND	Q2C7666
4,4'-Methylenebis(2-chloroaniline)	ND	12.7	ND	Q2C7666
2-Methylnaphthalene	ND	12.7	ND	Q2C7666
2-Methylphenol	ND	12.7	ND	Q2C7666
4-Methylphenol	ND	12.7	ND	Q2C7666
2-Nitropropane	ND	12.7	ND	Q2C7666
N-Nitrosodimethylamine	ND	12.7	ND	Q2C7666
N-Nitrosodi-n-propylamine	ND	12.7	ND	Q2C7666
N-Nitrosodiphenylamine	ND	12.7	ND	Q2C7666
Naphthalene	ND	12.7	ND	Q2C7666
2-Nitroaniline	ND	12.7	ND	Q2C7666
3-Nitroaniline	ND	12.7	ND	Q2C7666
4-Nitroaniline	ND	12.7	ND	Q2C7666
Nitrobenzene	ND	12.7	ND	Q2C7666
2-Nitrophenol	ND	12.7	ND	Q2C7666
4-Nitrophenol	ND	63.7	ND	Q2C7666
Pentachlorobenzene	ND	12.7	ND	Q2C7666
Pentachloronitrobenzene	ND	12.7	ND	Q2C7666
Pentachlorophenol	ND	12.7	ND	Q2C7666
Pentachloroethane	ND	12.7	ND	Q2C7666
Phenanthrene	ND	12.7	ND	Q2C7666
Phenol	ND	12.7	ND	Q2C7666
Pronamide	ND	12.7	ND	Q2C7666
Pyrene	ND	12.7	ND	Q2C7666
Pyridine	ND	12.7	ND	Q2C7666
1,2,4,5-Tetrachlorobenzene	ND	12.7	ND	Q2C7666
2,3,4,6-Tetrachlorophenol	ND	12.7	ND	Q2C7666
1,2,4-Trichlorobenzene	ND	12.7	ND	Q2C7666
2,4,5-Trichlorophenol	ND	12.7	ND	Q2C7666
2,4,6-Trichlorophenol	ND	12.7	ND	Q2C7666

3-Methyl- and 4-Methylphenol coelute and are reported as the total

- Surrogate recoveries which are outside of control limits were attributed to dilution of extract during analysis.

TOTAL VOLATILE ANALYSIS, MS, (MV00)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-01	JK7559

Compounds	Sample Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number
Acetone	.098	.050	ND	Q1V2683
Acrolein	ND	.250	ND	Q1V2683
Acrylonitrile	ND	.125	ND	Q1V2683
Benzene	.802	.050	ND	Q1V2683
Bromoform	ND	.050	ND	Q1V2683
Carbon disulfide	ND	.050	ND	Q1V2683
Carbon tetrachloride	ND	.050	ND	Q1V2683
Chlorobenzene	ND	.050	ND	Q1V2683
Chlorodibromomethane	ND	.050	ND	Q1V2683
Chloroethane	ND	.050	ND	Q1V2683
Chloroform	ND	.050	ND	Q1V2683
2-Chloroethylvinyl ether	ND	.050	ND	Q1V2683
3-Chloropropene	ND	.050	ND	Q1V2683
1,2-Dibromo-3-chloropropane	ND	.050	ND	Q1V2683
Dichlorobromomethane	ND	.050	ND	Q1V2683
Dichlorodifluoromethane	ND	.050	ND	Q1V2683
1,1-Dichloroethane	ND	.050	ND	Q1V2683
1,2-Dichloroethane	ND	.050	ND	Q1V2683
1,1-Dichloroethylene	ND	.050	ND	Q1V2683
1,2-Dichloropropane	ND	.050	ND	Q1V2683
cis-1,3-Dichloropropylene	ND	.050	ND	Q1V2683
trans-1,3-Dichloropropylene	ND	.050	ND	Q1V2683
Dibromomethane	ND	.050	ND	Q1V2683
Ethylbenzene	ND	.050	ND	Q1V2683
Ethylene dibromide	ND	.050	ND	Q1V2683
Ethyl acetate	ND	.500	ND	Q1V2683
Ethyl ether	ND	.050	ND	Q1V2683
2-Hexanone	ND	.050	ND	Q1V2683
Iodomethane	ND	.050	ND	Q1V2683
Methyl bromide	ND	.050	ND	Q1V2683
Methyl chloride	ND	.050	ND	Q1V2683
Methylene chloride	.092	.050	ND	Q1V2683
Methyl ethyl ketone	ND	.100	ND	Q1V2683
Methyl-iso-butyl ketone	ND	.100	ND	Q1V2683
Styrene	ND	.050	ND	Q1V2683
1,1,1,2-Tetrachloroethane	ND	.050	ND	Q1V2683
1,1,2,2-Tetrachloroethane	ND	.050	ND	Q1V2683
Tetrachloroethylene	ND	.050	ND	Q1V2683
Tetrahydrofuran	ND	.050	ND	Q1V2683
Toluene	.810	.050	ND	Q1V2683
1,1,1-Trichloroethane	.079	.050	ND	Q1V2683
1,1,2-Trichloroethane	ND	.050	ND	Q1V2683
Trichloroethylene	.055	.050	ND	Q1V2683
1,2-Trans-dichloroethylene	ND	.050	ND	Q1V2683
Trichlorofluoromethane	ND	.050	ND	Q1V2683
1,2,3-Trichloropropane	ND	.050	ND	Q1V2683
1,1,2-Trichlorotrifluoroethane	ND	.100	ND	Q1V2683
Vinyl acetate	ND	.250	ND	Q1V2683
Vinyl chloride	ND	.050	ND	Q1V2683
Xylenes	ND	.050	ND	Q1V2683

TOTAL VOLATILE ANALYSIS, MS, (MV00)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-07	JK7560

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Acetone	ND	.714	ND	Q2V2693
Acrolein	ND	3.57	ND	Q2V2693
Acrylonitrile	ND	1.79	ND	Q2V2693
Benzene	ND	.714	ND	Q2V2693
Bromoform	ND	.714	ND	Q2V2693
Carbon disulfide	ND	.714	ND	Q2V2693
Carbon tetrachloride	ND	.714	ND	Q2V2693
Chlorobenzene	ND	.714	ND	Q2V2693
Chlorodibromomethane	ND	.714	ND	Q2V2693
Chloroethane	ND	.714	ND	Q2V2693
Chloroform	ND	.714	ND	Q2V2693
2-Chloroethylvinyl ether	ND	.714	ND	Q2V2693
3-Chloropropene	ND	.714	ND	Q2V2693
1,2-Dibromo-3-chloropropane	ND	.714	ND	Q2V2693
Dichlorobromomethane	ND	.714	ND	Q2V2693
Dichlorodifluoromethane	ND	.714	ND	Q2V2693
1,1-Dichloroethane	ND	.714	ND	Q2V2693
1,2-Dichloroethane	ND	.714	ND	Q2V2693
1,1-Dichloroethylene	ND	.714	ND	Q2V2693
1,2-Dichloropropane	ND	.714	ND	Q2V2693
cis-1,3-Dichloropropylene	ND	.714	ND	Q2V2693
trans-1,3-Dichloropropylene	ND	.714	ND	Q2V2693
Dibromomethane	ND	.714	ND	Q2V2693
Ethylbenzene	ND	.714	ND	Q2V2693
Ethylene dibromide	ND	.714	ND	Q2V2693
Ethyl acetate	ND	7.14	ND	Q2V2693
Ethyl ether	ND	.714	ND	Q2V2693
2-Hexanone	ND	.714	ND	Q2V2693
Iodomethane	ND	.714	ND	Q2V2693
Methyl bromide	ND	.714	ND	Q2V2693
Methyl chloride	ND	.714	ND	Q2V2693
Methylene chloride	ND	.714	ND	Q2V2693
Methyl ethyl ketone	ND	1.43	ND	Q2V2693
Methyl-iso-butyl ketone	ND	1.43	ND	Q2V2693
Styrene	ND	.714	ND	Q2V2693
1,1,1,2-Tetrachloroethane	ND	.714	ND	Q2V2693
1,1,2,2-Tetrachloroethane	ND	.714	ND	Q2V2693
Tetrachloroethylene	ND	.714	ND	Q2V2693
Tetrahydrofuran	ND	.714	ND	Q2V2693
Toluene	ND	.714	ND	Q2V2693
1,1,1-Trichloroethane	ND	.714	ND	Q2V2693
1,1,2-Trichloroethane	ND	.714	ND	Q2V2693
Trichloroethylene	ND	.714	ND	Q2V2693
1,2-Trans-dichloroethylene	ND	.714	ND	Q2V2693
Trichlorofluoromethane	ND	.714	ND	Q2V2693
1,2,3-Trichloropropane	ND	.714	ND	Q2V2693
1,1,2-Trichlorotrifluoroethane	ND	1.43	ND	Q2V2693
Vinyl acetate	ND	3.57	ND	Q2V2693
Vinyl chloride	ND	.714	ND	Q2V2693
Xylenes	ND	.714	ND	Q2V2693

- Surrogate recoveries which are outside of control limits were attributed to the sample matrix, this was confirmed by replicate analysis.

TOTAL VOLATILE ANALYSIS, MS, (MV00)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	247	JK7561

Compounds	Sample Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number
Acetone	ND	2.50	ND	Q1V2683
Acrolein	ND	12.5	ND	Q1V2683
Acrylonitrile	ND	6.25	ND	Q1V2683
Benzene	ND	2.50	ND	Q1V2683
Bromoform	ND	2.50	ND	Q1V2683
Carbon disulfide	ND	2.50	ND	Q1V2683
Carbon tetrachloride	ND	2.50	ND	Q1V2683
Chlorobenzene	ND	2.50	ND	Q1V2683
Chlorodibromomethane	ND	2.50	ND	Q1V2683
Chloroethane	ND	2.50	ND	Q1V2683
Chloroform	ND	2.50	ND	Q1V2683
2-Chloroethylvinyl ether	ND	2.50	ND	Q1V2683
3-Chloropropene	ND	2.50	ND	Q1V2683
1,2-Dibromo-3-chloropropane	ND	2.50	ND	Q1V2683
Dichlorobromomethane	ND	2.50	ND	Q1V2683
Dichlorodifluoromethane	ND	2.50	ND	Q1V2683
1,1-Dichloroethane	ND	2.50	ND	Q1V2683
1,2-Dichloroethane	ND	2.50	ND	Q1V2683
1,1-Dichloroethylene	ND	2.50	ND	Q1V2683
1,2-Dichloropropane	ND	2.50	ND	Q1V2683
cis-1,3-Dichloropropylene	ND	2.50	ND	Q1V2683
trans-1,3-Dichloropropylene	ND	2.50	ND	Q1V2683
Dibromomethane	ND	2.50	ND	Q1V2683
Ethylbenzene	ND	2.50	ND	Q1V2683
Ethylene dibromide	ND	2.50	ND	Q1V2683
Ethyl acetate	ND	25.0	ND	Q1V2683
Ethyl ether	ND	2.50	ND	Q1V2683
2-Hexanone	ND	2.50	ND	Q1V2683
Iodomethane	ND	2.50	ND	Q1V2683
Methyl bromide	ND	2.50	ND	Q1V2683
Methyl chloride	ND	2.50	ND	Q1V2683
Methylene chloride	ND	2.50	ND	Q1V2683
Methyl ethyl ketone	ND	5.00	ND	Q1V2683
Methyl-iso-butyl ketone	ND	5.00	ND	Q1V2683
Styrene	ND	2.50	ND	Q1V2683
1,1,1,2-Tetrachloroethane	ND	2.50	ND	Q1V2683
1,1,2,2-Tetrachloroethane	ND	2.50	ND	Q1V2683
Tetrachloroethylene	ND	2.50	ND	Q1V2683
Tetrahydrofuran	ND	2.50	ND	Q1V2683
Toluene	ND	2.50	ND	Q1V2683
1,1,1-Trichloroethane	ND	2.50	ND	Q1V2683
1,1,2-Trichloroethane	ND	2.50	ND	Q1V2683
Trichloroethylene	ND	2.50	ND	Q1V2683
1,2-Trans-dichloroethylene	ND	2.50	ND	Q1V2683
Trichlorofluoromethane	ND	2.50	ND	Q1V2683
1,2,3-Trichloropropane	ND	2.50	ND	Q1V2683
1,1,2-Trichlorotrifluoroethane	ND	5.00	ND	Q1V2683
Vinyl acetate	ND	12.5	ND	Q1V2683
Vinyl chloride	ND	2.50	ND	Q1V2683
Xylenes	ND	2.50	ND	Q1V2683

- Surrogate recoveries which are outside of control limits were attributed to the sample matrix, this was confirmed by replicate analysis.

TOTAL VOLATILE ANALYSIS, MS, (MV00)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-08	JK7565

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Acetone	ND	.052	ND	Q2D2671
Acrolein	ND	.260	ND	Q2D2671
Acrylonitrile	ND	.130	ND	Q2D2671
Benzene	ND	.052	ND	Q2D2671
Bromoform	ND	.052	ND	Q2D2671
Carbon disulfide	ND	.052	ND	Q2D2671
Carbon tetrachloride	ND	.052	ND	Q2D2671
Chlorobenzene	ND	.052	ND	Q2D2671
Chlorodibromomethane	ND	.052	ND	Q2D2671
Chloroethane	ND	.052	ND	Q2D2671
Chloroform	ND	.052	ND	Q2D2671
2-Chloroethylvinyl ether	ND	.052	ND	Q2D2671
3-Chloropropene	ND	.052	ND	Q2D2671
1,2-Dibromo-3-chloropropane	ND	.052	ND	Q2D2671
Dichlorobromomethane	ND	.052	ND	Q2D2671
Dichlorodifluoromethane	ND	.052	ND	Q2D2671
1,1-Dichloroethane	ND	.052	ND	Q2D2671
1,2-Dichloroethane	ND	.052	ND	Q2D2671
1,1-Dichloroethylene	ND	.052	ND	Q2D2671
1,2-Dichloropropane	ND	.052	ND	Q2D2671
cis-1,3-Dichloropropylene	ND	.052	ND	Q2D2671
trans-1,3-Dichloropropylene	ND	.052	ND	Q2D2671
Dibromomethane	ND	.052	ND	Q2D2671
Ethylbenzene	ND	.052	ND	Q2D2671
Ethylene dibromide	ND	.052	ND	Q2D2671
Ethyl acetate	ND	.521	ND	Q2D2671
Ethyl ether	ND	.052	ND	Q2D2671
2-Hexanone	ND	.052	ND	Q2D2671
Iodomethane	ND	.052	ND	Q2D2671
Methyl bromide	ND	.052	ND	Q2D2671
Methyl chloride	ND	.052	ND	Q2D2671
Methylene chloride	.310	.052	ND	Q2D2671
Methyl ethyl ketone	ND	.104	ND	Q2D2671
Methyl-iso-butyl ketone	ND	.104	ND	Q2D2671
Styrene	ND	.052	ND	Q2D2671
1,1,1,2-Tetrachloroethane	ND	.052	ND	Q2D2671
1,1,2,2-Tetrachloroethane	ND	.052	ND	Q2D2671
Tetrachloroethylene	ND	.052	ND	Q2D2671
Tetrahydrofuran	ND	.052	ND	Q2D2671
Toluene	ND	.052	ND	Q2D2671
1,1,1-Trichloroethane	ND	.052	ND	Q2D2671
1,1,2-Trichloroethane	ND	.052	ND	Q2D2671
Trichloroethylene	ND	.052	ND	Q2D2671
1,2-Trans-dichloroethylene	ND	.052	ND	Q2D2671
Trichlorofluoromethane	ND	.052	ND	Q2D2671
1,2,3-Trichloropropane	ND	.052	ND	Q2D2671
1,1,2-Trichlorotrifluoroethane	ND	.104	ND	Q2D2671
Vinyl acetate	ND	.260	ND	Q2D2671
Vinyl chloride	ND	.052	ND	Q2D2671
Xylenes	.072	.052	ND	Q2D2671

- These reporting limits are higher than usual due to matrix interferences.

TOTAL VOLATILE ANALYSIS, MS, (MV00)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	021	JK7566

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Acetone	ND	.005	ND	Q2D2671
Acrolein	ND	.025	ND	Q2D2671
Acrylonitrile	ND	.012	ND	Q2D2671
Benzene	ND	.005	ND	Q2D2671
Bromoform	ND	.005	ND	Q2D2671
Carbon disulfide	ND	.005	ND	Q2D2671
Carbon tetrachloride	ND	.005	ND	Q2D2671
Chlorobenzene	ND	.005	ND	Q2D2671
Chlorodibromomethane	ND	.005	ND	Q2D2671
Chloroethane	ND	.005	ND	Q2D2671
Chloroform	ND	.005	ND	Q2D2671
2-Chloroethylvinyl ether	ND	.005	ND	Q2D2671
3-Chloropropene	ND	.005	ND	Q2D2671
1,2-Dibromo-3-chloropropane	ND	.005	ND	Q2D2671
Dichlorobromomethane	ND	.005	ND	Q2D2671
Dichlorodifluoromethane	ND	.005	ND	Q2D2671
1,1-Dichloroethane	ND	.005	ND	Q2D2671
1,2-Dichloroethane	ND	.005	ND	Q2D2671
1,1-Dichloroethylene	ND	.005	ND	Q2D2671
1,2-Dichloropropane	ND	.005	ND	Q2D2671
cis-1,3-Dichloropropylene	ND	.005	ND	Q2D2671
trans-1,3-Dichloropropylene	ND	.005	ND	Q2D2671
Dibromomethane	ND	.005	ND	Q2D2671
Ethylbenzene	ND	.005	ND	Q2D2671
Ethylene dibromide	ND	.005	ND	Q2D2671
Ethyl acetate	ND	.050	ND	Q2D2671
Ethyl ether	ND	.005	ND	Q2D2671
2-Hexanone	ND	.005	ND	Q2D2671
Iodomethane	ND	.005	ND	Q2D2671
Methyl bromide	ND	.005	ND	Q2D2671
Methyl chloride	ND	.005	ND	Q2D2671
Methylene chloride	.025	.005	ND	Q2D2671
Methyl ethyl ketone	ND	.01	ND	Q2D2671
Methyl-iso-butyl ketone	ND	.01	ND	Q2D2671
Styrene	ND	.005	ND	Q2D2671
1,1,1,2-Tetrachloroethane	ND	.005	ND	Q2D2671
1,1,2,2-Tetrachloroethane	ND	.005	ND	Q2D2671
Tetrachloroethylene	ND	.005	ND	Q2D2671
Tetrahydrofuran	ND	.005	ND	Q2D2671
Toluene	ND	.005	ND	Q2D2671
1,1,1-Trichloroethane	ND	.005	ND	Q2D2671
1,1,2-Trichloroethane	ND	.005	ND	Q2D2671
Trichloroethylene	ND	.005	ND	Q2D2671
1,2-Trans-dichloroethylene	ND	.005	ND	Q2D2671
Trichlorofluoromethane	ND	.005	ND	Q2D2671
1,2,3-Trichloropropane	ND	.005	ND	Q2D2671
1,1,2-Trichlorotrifluoroethane	ND	.01	ND	Q2D2671
Vinyl acetate	ND	.025	ND	Q2D2671
Vinyl chloride	ND	.005	ND	Q2D2671
Xylenes	ND	.005	ND	Q2D2671

TOTAL VOLATILE ANALYSIS, MS, (MV00)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-03	JK7368

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Acetone	ND	9.62	ND	Q4V2686
Acrolein	ND	48.1	ND	Q4V2686
Acrylonitrile	ND	24.0	ND	Q4V2686
Benzene	ND	9.62	ND	Q4V2686
Bromoform	ND	9.62	ND	Q4V2686
Carbon disulfide	ND	9.62	ND	Q4V2686
Carbon tetrachloride	ND	9.62	ND	Q4V2686
Chlorobenzene	ND	9.62	ND	Q4V2686
Chlorodibromomethane	ND	9.62	ND	Q4V2686
Chloroethane	ND	9.62	ND	Q4V2686
Chloroform	ND	9.62	ND	Q4V2686
2-Chloroethylvinyl ether	ND	9.62	ND	Q4V2686
3-Chloropropene	ND	9.62	ND	Q4V2686
1,2-Dibromo-3-chloropropane	ND	9.62	ND	Q4V2686
Dichlorobromomethane	ND	9.62	ND	Q4V2686
Dichlorodifluoromethane	ND	9.62	ND	Q4V2686
1,1-Dichloroethane	ND	9.62	ND	Q4V2686
1,2-Dichloroethane	ND	9.62	ND	Q4V2686
1,1-Dichloroethylene	ND	9.62	ND	Q4V2686
1,2-Dichloropropane	ND	9.62	ND	Q4V2686
cis-1,3-Dichloropropylene	ND	9.62	ND	Q4V2686
trans-1,3-Dichloropropylene	ND	9.62	ND	Q4V2686
Dibromomethane	ND	9.62	ND	Q4V2686
Ethylbenzene	ND	9.62	ND	Q4V2686
Ethylene dibromide	ND	9.62	ND	Q4V2686
Ethyl acetate	ND	96.2	ND	Q4V2686
Ethyl ether	ND	9.62	ND	Q4V2686
2-Hexanone	ND	9.62	ND	Q4V2686
Iodomethane	ND	9.62	ND	Q4V2686
Methyl bromide	ND	9.62	ND	Q4V2686
Methyl chloride	ND	9.62	ND	Q4V2686
Methylene chloride	ND	9.62	ND	Q4V2686
Methyl ethyl ketone	ND	19.2	ND	Q4V2686
Methyl-iso-butyl ketone	ND	19.2	ND	Q4V2686
Styrene	ND	9.62	ND	Q4V2686
1,1,1,2-Tetrachloroethane	ND	9.62	ND	Q4V2686
1,1,2,2-Tetrachloroethane	ND	9.62	ND	Q4V2686
Tetrachloroethylene	ND	9.62	ND	Q4V2686
Tetrahydrofuran	ND	9.62	ND	Q4V2686
Toluene	84.3	9.62	ND	Q4V2686
1,1,1-Trichloroethane	ND	9.62	ND	Q4V2686
1,1,2-Trichloroethane	ND	9.62	ND	Q4V2686
Trichloroethylene	ND	9.62	ND	Q4V2686
1,2-Trans-dichloroethylene	ND	9.62	ND	Q4V2686
Trichlorofluoromethane	ND	9.62	ND	Q4V2686
1,2,3-Trichloropropane	ND	9.62	ND	Q4V2686
1,1,2-Trichlorotrifluoroethane	ND	19.2	ND	Q4V2686
Vinyl acetate	ND	48.1	ND	Q4V2686
Vinyl chloride	ND	9.62	ND	Q4V2686
Xylenes	ND	9.62	ND	Q4V2686

- These reporting limits are higher than usual due to matrix interferences.

TOTAL VOLATILE ANALYSIS, MS, (MV00)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-09	JK7369

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Acetone	ND	8.33	ND	Q4V2686
Acrolein	ND	41.7	ND	Q4V2686
Acrylonitrile	ND	20.8	ND	Q4V2686
Benzene	ND	8.33	ND	Q4V2686
Bromoform	ND	8.33	ND	Q4V2686
Carbon disulfide	ND	8.33	ND	Q4V2686
Carbon tetrachloride	ND	8.33	ND	Q4V2686
Chlorobenzene	ND	8.33	ND	Q4V2686
Chlorodibromomethane	ND	8.33	ND	Q4V2686
Chloroethane	ND	8.33	ND	Q4V2686
Chloroform	13.2	8.33	ND	Q4V2686
2-Chloroethylvinyl ether	ND	8.33	ND	Q4V2686
3-Chloropropene	ND	8.33	ND	Q4V2686
1,2-Dibromo-3-chloropropane	ND	8.33	ND	Q4V2686
Dichlorobromomethane	ND	8.33	ND	Q4V2686
Dichlorodifluoromethane	ND	8.33	ND	Q4V2686
1,1-Dichloroethane	ND	8.33	ND	Q4V2686
1,2-Dichloroethane	ND	8.33	ND	Q4V2686
1,1-Dichloroethylene	ND	8.33	ND	Q4V2686
1,2-Dichloropropane	ND	8.33	ND	Q4V2686
cis-1,3-Dichloropropylene	ND	8.33	ND	Q4V2686
trans-1,3-Dichloropropylene	ND	8.33	ND	Q4V2686
Dibromomethane	ND	8.33	ND	Q4V2686
Ethylbenzene	ND	8.33	ND	Q4V2686
Ethylene dibromide	ND	8.33	ND	Q4V2686
Ethyl acetate	ND	83.3	ND	Q4V2686
Ethyl ether	ND	8.33	ND	Q4V2686
2-Hexanone	ND	8.33	ND	Q4V2686
Iodomethane	ND	8.33	ND	Q4V2686
Methyl bromide	ND	8.33	ND	Q4V2686
Methyl chloride	ND	8.33	ND	Q4V2686
Methylene chloride	ND	8.33	ND	Q4V2686
Methyl ethyl ketone	ND	16.7	ND	Q4V2686
Methyl-iso-butyl ketone	ND	16.7	ND	Q4V2686
Styrene	ND	8.33	ND	Q4V2686
1,1,1,2-Tetrachloroethane	ND	8.33	ND	Q4V2686
1,1,2,2-Tetrachloroethane	ND	8.33	ND	Q4V2686
Tetrachloroethylene	ND	8.33	ND	Q4V2686
Tetrahydrofuran	ND	8.33	ND	Q4V2686
Toluene	ND	8.33	ND	Q4V2686
1,1,1-Trichloroethane	ND	8.33	ND	Q4V2686
1,1,2-Trichloroethane	ND	8.33	ND	Q4V2686
Trichloroethylene	ND	8.33	ND	Q4V2686
1,2-Trans-dichloroethylene	ND	8.33	ND	Q4V2686
Trichlorofluoromethane	ND	8.33	ND	Q4V2686
1,2,3-Trichloropropane	ND	16.7	ND	Q4V2686
1,1,2-Trichlorotrifluoroethane	ND	41.7	ND	Q4V2686
Vinyl acetate	ND	8.33	ND	Q4V2686
Vinyl chloride	8.88	8.33	ND	Q4V2686
Xylenes				

- These reporting limits are higher than usual due to matrix interferences.

TOTAL VOLATILE ANALYSIS, MS, (MV00)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-04	JK7370

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Acetone	ND	69.4	ND	Q4V2686
Acrolein	ND	347	ND	Q4V2686
Acrylonitrile	ND	174	ND	Q4V2686
Benzene	5250	139	ND	Q4V2686
Bromoform	ND	69.4	ND	Q4V2686
Carbon disulfide	ND	69.4	ND	Q4V2686
Carbon tetrachloride	ND	69.4	ND	Q4V2686
Chlorobenzene	ND	69.4	ND	Q4V2686
Chlorodibromomethane	ND	69.4	ND	Q4V2686
Chloroethane	ND	69.4	ND	Q4V2686
Chloroform	ND	69.4	ND	Q4V2686
2-Chloroethylvinyl ether	ND	69.4	ND	Q4V2686
3-Chloropropene	ND	69.4	ND	Q4V2686
1,2-Dibromo-3-chloropropane	ND	69.4	ND	Q4V2686
Dichlorobromomethane	ND	69.4	ND	Q4V2686
Dichlorodifluoromethane	ND	69.4	ND	Q4V2686
1,1-Dichloroethane	ND	69.4	ND	Q4V2686
1,2-Dichloroethane	ND	69.4	ND	Q4V2686
1,1-Dichloroethylene	ND	69.4	ND	Q4V2686
1,2-Dichloropropane	ND	69.4	ND	Q4V2686
cis-1,3-Dichloropropylene	ND	69.4	ND	Q4V2686
trans-1,3-Dichloropropylene	ND	69.4	ND	Q4V2686
Dibromomethane	ND	69.4	ND	Q4V2686
Ethylbenzene	ND	69.4	ND	Q4V2686
Ethylene dibromide	ND	69.4	ND	Q4V2686
Ethyl acetate	ND	694	ND	Q4V2686
Ethyl ether	ND	69.4	ND	Q4V2686
2-Hexanone	ND	69.4	ND	Q4V2686
Iodomethane	ND	69.4	ND	Q4V2686
Methyl bromide	ND	69.4	ND	Q4V2686
Methyl chloride	ND	69.4	ND	Q4V2686
Methylene chloride	ND	69.4	ND	Q4V2686
Methyl ethyl ketone	ND	139	ND	Q4V2686
Methyl-iso-butyl ketone	ND	139	ND	Q4V2686
Styrene	ND	69.4	ND	Q4V2686
1,1,1,2-Tetrachloroethane	ND	69.4	ND	Q4V2686
1,1,2,2-Tetrachloroethane	ND	69.4	ND	Q4V2686
Tetrachloroethylene	ND	69.4	ND	Q4V2686
Tetrahydrofuran	ND	69.4	ND	Q4V2686
Toluene	113	69.4	ND	Q4V2686
1,1,1-Trichloroethane	ND	69.4	ND	Q4V2686
1,1,2-Trichloroethane	ND	69.4	ND	Q4V2686
Trichloroethylene	ND	69.4	ND	Q4V2686
1,2-Trans-dichloroethylene	ND	69.4	ND	Q4V2686
Trichlorofluoromethane	ND	69.4	ND	Q4V2686
1,2,3-Trichloropropane	ND	69.4	ND	Q4V2686
1,1,2-Trichlorotrifluoroethane	ND	139	ND	Q4V2686
Vinyl acetate	ND	347	ND	Q4V2686
Vinyl chloride	ND	69.4	ND	Q4V2686
Xylenes	237	69.4	ND	Q4V2686

TOTAL VOLATILE ANALYSIS, MS, (MV00)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	162	JK7371

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Acetone	ND	125	ND	Q4V2686
Acrolein	ND	625	ND	Q4V2686
Acrylonitrile	ND	313	ND	Q4V2686
Benzene	ND	125	ND	Q4V2686
Bromoform	ND	125	ND	Q4V2686
Carbon disulfide	ND	125	ND	Q4V2686
Carbon tetrachloride	ND	125	ND	Q4V2686
Chlorobenzene	ND	125	ND	Q4V2686
Chlorodibromomethane	ND	125	ND	Q4V2686
Chloroethane	ND	125	ND	Q4V2686
Chloroform	ND	125	ND	Q4V2686
2-Chloroethylvinyl ether	ND	125	ND	Q4V2686
3-Chloropropene	ND	125	ND	Q4V2686
1,2-Dibromo-3-chloropropane	ND	125	ND	Q4V2686
Dichlorobromomethane	ND	125	ND	Q4V2686
Dichlorodifluoromethane	ND	125	ND	Q4V2686
1,1-Dichloroethane	ND	125	ND	Q4V2686
1,2-Dichloroethane	ND	125	ND	Q4V2686
1,1-Dichloroethylene	ND	125	ND	Q4V2686
1,2-Dichloropropane	ND	125	ND	Q4V2686
cis-1,3-Dichloropropylene	ND	125	ND	Q4V2686
trans-1,3-Dichloropropylene	ND	125	ND	Q4V2686
Dibromomethane	ND	125	ND	Q4V2686
Ethylbenzene	ND	125	ND	Q4V2686
Ethylene dibromide	ND	125	ND	Q4V2686
Ethyl acetate	ND	1250	ND	Q4V2686
Ethyl ether	ND	125	ND	Q4V2686
2-Hexanone	ND	125	ND	Q4V2686
Iodomethane	ND	125	ND	Q4V2686
Methyl bromide	ND	125	ND	Q4V2686
Methyl chloride	ND	125	ND	Q4V2686
Methylene chloride	ND	125	ND	Q4V2686
Methyl ethyl ketone	ND	250	ND	Q4V2686
Methyl-iso-butyl ketone	ND	250	ND	Q4V2686
Styrene	ND	125	ND	Q4V2686
1,1,1,2-Tetrachloroethane	ND	125	ND	Q4V2686
1,1,2,2-Tetrachloroethane	ND	125	ND	Q4V2686
Tetrachloroethylene	ND	125	ND	Q4V2686
Tetrahydrofuran	ND	125	ND	Q4V2686
Toluene	ND	125	ND	Q4V2686
1,1,1-Trichloroethane	ND	125	ND	Q4V2686
1,1,2-Trichloroethane	ND	125	ND	Q4V2686
Trichloroethylene	ND	125	ND	Q4V2686
1,2-Trans-dichloroethylene	ND	125	ND	Q4V2686
Trichlorofluoromethane	ND	125	ND	Q4V2686
1,2,3-Trichloropropane	ND	125	ND	Q4V2686
1,1,2-Trichlorotrifluoroethane	ND	250	ND	Q4V2686
Vinyl acetate	ND	625	ND	Q4V2686
Vinyl chloride	ND	125	ND	Q4V2686
Xylenes	ND	125	ND	Q4V2686

- These reporting limits are higher than usual due to foaming of the sample during the purge cycle.

TOTAL VOLATILE ANALYSIS, MS, (MV00)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	053	JK7372

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Acetone	ND	73.5	ND	Q4V2686
Acrolein	ND	368	ND	Q4V2686
Acrylonitrile	ND	184	ND	Q4V2686
Benzene	ND	73.5	ND	Q4V2686
Bromoform	ND	73.5	ND	Q4V2686
Carbon disulfide	ND	73.5	ND	Q4V2686
Carbon tetrachloride	ND	73.5	ND	Q4V2686
Chlorobenzene	ND	73.5	ND	Q4V2686
Chlorodibromomethane	ND	73.5	ND	Q4V2686
Chloroethane	ND	73.5	ND	Q4V2686
Chloroform	ND	73.5	ND	Q4V2686
2-Chloroethylvinyl ether	ND	73.5	ND	Q4V2686
3-Chloropropene	ND	73.5	ND	Q4V2686
1,2-Dibromo-3-chloropropane	ND	73.5	ND	Q4V2686
Dichlorobromomethane	ND	73.5	ND	Q4V2686
Dichlorodifluoromethane	ND	73.5	ND	Q4V2686
1,1-Dichloroethane	ND	73.5	ND	Q4V2686
1,2-Dichloroethane	ND	73.5	ND	Q4V2686
1,1-Dichloroethylene	ND	73.5	ND	Q4V2686
1,2-Dichloropropane	ND	73.5	ND	Q4V2686
cis-1,3-Dichloropropylene	ND	73.5	ND	Q4V2686
trans-1,3-Dichloropropylene	ND	73.5	ND	Q4V2686
Dibromomethane	ND	73.5	ND	Q4V2686
Ethylbenzene	221	73.5	ND	Q4V2686
Ethylene dibromide	ND	73.5	ND	Q4V2686
Ethyl acetate	ND	735	ND	Q4V2686
Ethyl ether	ND	73.5	ND	Q4V2686
2-Hexanone	ND	73.5	ND	Q4V2686
Iodomethane	ND	73.5	ND	Q4V2686
Methyl bromide	ND	73.5	ND	Q4V2686
Methyl chloride	ND	73.5	ND	Q4V2686
Methylene chloride	ND	73.5	ND	Q4V2686
Methyl ethyl ketone	ND	147	ND	Q4V2686
Methyl-iso-butyl ketone	ND	147	ND	Q4V2686
Styrene	ND	73.5	ND	Q4V2686
1,1,1,2-Tetrachloroethane	ND	73.5	ND	Q4V2686
1,1,2,2-Tetrachloroethane	ND	73.5	ND	Q4V2686
Tetrachloroethylene	ND	73.5	ND	Q4V2686
Tetrahydrofuran	ND	73.5	ND	Q4V2686
Toluene	91.8	73.5	ND	Q4V2686
1,1,1-Trichloroethane	ND	73.5	ND	Q4V2686
1,1,2-Trichloroethane	ND	73.5	ND	Q4V2686
Trichloroethylene	ND	73.5	ND	Q4V2686
1,2-Trans-dichloroethylene	ND	73.5	ND	Q4V2686
Trichlorofluoromethane	ND	73.5	ND	Q4V2686
1,2,3-Trichloropropane	ND	73.5	ND	Q4V2686
1,1,2-Trichlorotrifluoroethane	ND	147	ND	Q4V2686
Vinyl acetate	ND	368	ND	Q4V2686
Vinyl chloride	ND	73.5	ND	Q4V2686
Xylenes	4520	73.5	ND	Q4V2686

TOTAL VOLATILE ANALYSIS, MS, (MV00)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-05	JK7373

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Acetone	ND	.694	ND	Q4V2686
Acrolein	ND	3.47	ND	Q4V2686
Acrylonitrile	ND	1.74	ND	Q4V2686
Benzene	ND	.694	ND	Q4V2686
Bromoform	ND	.694	ND	Q4V2686
Carbon disulfide	ND	.694	ND	Q4V2686
Carbon tetrachloride	ND	.694	ND	Q4V2686
Chlorobenzene	ND	.694	ND	Q4V2686
Chlorodibromomethane	ND	.694	ND	Q4V2686
Chloroethane	ND	.694	ND	Q4V2686
Chloroform	ND	.694	ND	Q4V2686
2-Chloroethylvinyl ether	ND	.694	ND	Q4V2686
3-Chloropropene	ND	.694	ND	Q4V2686
1,2-Dibromo-3-chloropropane	ND	.694	ND	Q4V2686
Dichlorobromomethane	ND	.694	ND	Q4V2686
Dichlorodifluoromethane	ND	.694	ND	Q4V2686
1,1-Dichloroethane	ND	.694	ND	Q4V2686
1,2-Dichloroethane	ND	.694	ND	Q4V2686
1,1-Dichloroethylene	ND	.694	ND	Q4V2686
1,2-Dichloropropane	ND	.694	ND	Q4V2686
cis-1,3-Dichloropropylene	ND	.694	ND	Q4V2686
trans-1,3-Dichloropropylene	ND	.694	ND	Q4V2686
Dibromomethane	ND	.694	ND	Q4V2686
Ethylbenzene	ND	.694	ND	Q4V2686
Ethylene dibromide	ND	.694	ND	Q4V2686
Ethyl acetate	ND	6.94	ND	Q4V2686
Ethyl ether	ND	.694	ND	Q4V2686
2-Hexanone	ND	.694	ND	Q4V2686
Iodomethane	ND	.694	ND	Q4V2686
Methyl bromide	ND	.694	ND	Q4V2686
Methyl chloride	ND	.694	ND	Q4V2686
Methylene chloride	ND	.694	ND	Q4V2686
Methyl ethyl ketone	ND	1.39	ND	Q4V2686
Methyl-iso-butyl ketone	ND	1.39	ND	Q4V2686
Styrene	ND	.694	ND	Q4V2686
1,1,1,2-Tetrachloroethane	ND	.694	ND	Q4V2686
1,1,2,2-Tetrachloroethane	ND	.694	ND	Q4V2686
Tetrachloroethylene	ND	.694	ND	Q4V2686
Tetrahydrofuran	ND	.694	ND	Q4V2686
Toluene	ND	.694	ND	Q4V2686
1,1,1-Trichloroethane	ND	.694	ND	Q4V2686
1,1,2-Trichloroethane	ND	.694	ND	Q4V2686
Trichloroethylene	ND	.694	ND	Q4V2686
1,2-Trans-dichloroethylene	ND	.694	ND	Q4V2686
Trichlorofluoromethane	ND	.694	ND	Q4V2686
1,2,3-Trichloropropane	ND	.694	ND	Q4V2686
1,1,2-Trichlorotrifluoroethane	ND	1.39	ND	Q4V2686
Vinyl acetate	ND	3.47	ND	Q4V2686
Vinyl chloride	ND	.694	ND	Q4V2686
Xylenes	1.69	.694	ND	Q4V2686

TOTAL VOLATILE ANALYSIS, MS, (MV00)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	248	JK7376

Compounds	Sample Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number
Acetone	ND	2.50	ND	Q1V2683
Acrolein	ND	12.5	ND	Q1V2683
Acrylonitrile	ND	6.25	ND	Q1V2683
Benzene	ND	2.50	ND	Q1V2683
Bromoform	ND	2.50	ND	Q1V2683
Carbon disulfide	ND	2.50	ND	Q1V2683
Carbon tetrachloride	ND	2.50	ND	Q1V2683
Chlorobenzene	ND	2.50	ND	Q1V2683
Chlorodibromomethane	ND	2.50	ND	Q1V2683
Chloroethane	ND	2.50	ND	Q1V2683
Chloroform	ND	2.50	ND	Q1V2683
2-Chloroethylvinyl ether	ND	2.50	ND	Q1V2683
3-Chloropropene	ND	2.50	ND	Q1V2683
1,2-Dibromo-3-chloropropane	ND	2.50	ND	Q1V2683
Dichlorobromomethane	ND	2.50	ND	Q1V2683
Dichlorodifluoromethane	ND	2.50	ND	Q1V2683
1,1-Dichloroethane	ND	2.50	ND	Q1V2683
1,2-Dichloroethane	ND	2.50	ND	Q1V2683
1,1-Dichloroethylene	ND	2.50	ND	Q1V2683
1,2-Dichloropropane	ND	2.50	ND	Q1V2683
cis-1,3-Dichloropropylene	ND	2.50	ND	Q1V2683
trans-1,3-Dichloropropylene	ND	2.50	ND	Q1V2683
Dibromomethane	ND	2.50	ND	Q1V2683
Ethylbenzene	ND	2.50	ND	Q1V2683
Ethylene dibromide	ND	2.50	ND	Q1V2683
Ethyl acetate	ND	25.0	ND	Q1V2683
Ethyl ether	ND	2.50	ND	Q1V2683
2-Hexanone	ND	2.50	ND	Q1V2683
Iodomethane	ND	2.50	ND	Q1V2683
Methyl bromide	ND	2.50	ND	Q1V2683
Methyl chloride	ND	2.50	ND	Q1V2683
Methylene chloride	ND	2.50	ND	Q1V2683
Methyl ethyl ketone	ND	5.00	ND	Q1V2683
Methyl-iso-butyl ketone	ND	5.00	ND	Q1V2683
Styrene	ND	2.50	ND	Q1V2683
1,1,1,2-Tetrachloroethane	ND	2.50	ND	Q1V2683
1,1,2,2-Tetrachloroethane	ND	2.50	ND	Q1V2683
Tetrachloroethylene	ND	2.50	ND	Q1V2683
Tetrahydrofuran	ND	2.50	ND	Q1V2683
Toluene	ND	2.50	ND	Q1V2683
1,1,1-Trichloroethane	ND	2.50	ND	Q1V2683
1,1,2-Trichloroethane	ND	2.50	ND	Q1V2683
Trichloroethylene	ND	2.50	ND	Q1V2683
1,2-Trans-dichloroethylene	ND	2.50	ND	Q1V2683
Trichlorofluoromethane	ND	2.50	ND	Q1V2683
1,2,3-Trichloropropane	ND	2.50	ND	Q1V2683
1,1,2-Trichlorotrifluoroethane	ND	5.00	ND	Q1V2683
Vinyl acetate	ND	12.5	ND	Q1V2683
Vinyl chloride	ND	2.50	ND	Q1V2683
Xylenes	ND	2.50	ND	Q1V2683

- Surrogate recoveries which are outside of control limits were attributed to the sample matrix, this was confirmed by replicate analysis.

TOTAL VOLATILE ANALYSIS, MS, (MV00)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	136	JK7377

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Acetone	.046	.026	ND	Q2D2671
Acrolein	ND	.128	ND	Q2D2671
Acrylonitrile	ND	.064	ND	Q2D2671
Benzene	ND	.026	ND	Q2D2671
Bromoform	ND	.026	ND	Q2D2671
Carbon disulfide	ND	.026	ND	Q2D2671
Carbon tetrachloride	ND	.026	ND	Q2D2671
Chlorobenzene	ND	.026	ND	Q2D2671
Chlorodibromomethane	ND	.026	ND	Q2D2671
Chloroethane	ND	.026	ND	Q2D2671
Chloroform	ND	.026	ND	Q2D2671
2-Chloroethylvinyl ether	ND	.026	ND	Q2D2671
3-Chloropropene	ND	.026	ND	Q2D2671
1,2-Dibromo-3-chloropropane	ND	.026	ND	Q2D2671
Dichlorobromomethane	ND	.026	ND	Q2D2671
Dichlorodifluoromethane	ND	.026	ND	Q2D2671
1,1-Dichloroethane	ND	.026	ND	Q2D2671
1,2-Dichloroethane	ND	.026	ND	Q2D2671
1,1-Dichloroethylene	ND	.026	ND	Q2D2671
1,2-Dichloropropane	ND	.026	ND	Q2D2671
cis-1,3-Dichloropropylene	ND	.026	ND	Q2D2671
trans-1,3-Dichloropropylene	ND	.026	ND	Q2D2671
Dibromomethane	ND	.026	ND	Q2D2671
Ethylbenzene	ND	.026	ND	Q2D2671
Ethylene dibromide	ND	.255	ND	Q2D2671
Ethyl acetate	ND	.026	ND	Q2D2671
Ethyl ether	ND	.026	ND	Q2D2671
2-Hexanone	ND	.026	ND	Q2D2671
Iodomethane	ND	.026	ND	Q2D2671
Methyl bromide	ND	.026	ND	Q2D2671
Methyl chloride	ND	.026	ND	Q2D2671
Methylene chloride	ND	.051	ND	Q2D2671
Methyl ethyl ketone	ND	.051	ND	Q2D2671
Methyl-iso-butyl ketone	ND	.026	ND	Q2D2671
Styrene	ND	.026	ND	Q2D2671
1,1,1,2-Tetrachloroethane	ND	.026	ND	Q2D2671
1,1,2,2-Tetrachloroethane	ND	.026	ND	Q2D2671
Tetrachloroethylene	ND	.026	ND	Q2D2671
Tetrahydrofuran	ND	.026	ND	Q2D2671
Toluene	ND	.026	ND	Q2D2671
1,1,1-Trichloroethane	ND	.026	ND	Q2D2671
1,1,2-Trichloroethane	ND	.026	ND	Q2D2671
Trichloroethylene	ND	.026	ND	Q2D2671
1,2-Trans-dichloroethylene	ND	.026	ND	Q2D2671
Trichlorofluoromethane	ND	.026	ND	Q2D2671
1,2,3-Trichloropropane	ND	.051	ND	Q2D2671
1,1,2-Trichlorotrifluoroethane	ND	.128	ND	Q2D2671
Vinyl acetate	ND	.026	ND	Q2D2671
Vinyl chloride	ND	.026	ND	Q2D2671
Xylenes				

- These reporting limits are higher than usual due to matrix interferences.

TOTAL VOLATILE ANALYSIS, MS, (MV00)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	114	JK7378

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Acetone	ND	.045	ND	Q2D2671
Acrolein	ND	.227	ND	Q2D2671
Acrylonitrile	ND	.114	ND	Q2D2671
Benzene	ND	.045	ND	Q2D2671
Bromoform	ND	.045	ND	Q2D2671
Carbon disulfide	ND	.045	ND	Q2D2671
Carbon tetrachloride	ND	.045	ND	Q2D2671
Chlorobenzene	ND	.045	ND	Q2D2671
Chlorodibromomethane	ND	.045	ND	Q2D2671
Chloroethane	ND	.045	ND	Q2D2671
Chloroform	ND	.045	ND	Q2D2671
2-Chloroethylvinyl ether	ND	.045	ND	Q2D2671
3-Chloropropene	ND	.045	ND	Q2D2671
1,2-Dibromo-3-chloropropane	ND	.045	ND	Q2D2671
Dichlorobromomethane	ND	.045	ND	Q2D2671
Dichlorodifluoromethane	ND	.045	ND	Q2D2671
1,1-Dichloroethane	ND	.045	ND	Q2D2671
1,2-Dichloroethane	ND	.045	ND	Q2D2671
1,1-Dichloroethylene	ND	.045	ND	Q2D2671
1,2-Dichloropropane	ND	.045	ND	Q2D2671
cis-1,3-Dichloropropylene	ND	.045	ND	Q2D2671
trans-1,3-Dichloropropylene	ND	.045	ND	Q2D2671
Dibromomethane	ND	.045	ND	Q2D2671
Ethylbenzene	ND	.045	ND	Q2D2671
thylene dibromide	ND	.045	ND	Q2D2671
Ethyl acetate	ND	.455	ND	Q2D2671
Ethyl ether	ND	.045	ND	Q2D2671
2-Hexanone	ND	.045	ND	Q2D2671
Iodomethane	ND	.045	ND	Q2D2671
Methyl bromide	ND	.045	ND	Q2D2671
Methyl chloride	ND	.045	ND	Q2D2671
Methylene chloride	ND	.045	ND	Q2D2671
Methyl ethyl ketone	ND	.091	ND	Q2D2671
Methyl-iso-butyl ketone	ND	.091	ND	Q2D2671
Styrene	ND	.045	ND	Q2D2671
1,1,1,2-Tetrachloroethane	ND	.045	ND	Q2D2671
1,1,2,2-Tetrachloroethane	ND	.045	ND	Q2D2671
Tetrachloroethylene	ND	.045	ND	Q2D2671
Tetrahydrofuran	ND	.045	ND	Q2D2671
Toluene	ND	.045	ND	Q2D2671
1,1,1-Trichloroethane	ND	.045	ND	Q2D2671
1,1,2-Trichloroethane	ND	.045	ND	Q2D2671
Trichloroethylene	ND	.045	ND	Q2D2671
1,2-Trans-dichloroethylene	ND	.045	ND	Q2D2671
Trichlorofluoromethane	ND	.045	ND	Q2D2671
1,2,3-Trichloropropane	ND	.091	ND	Q2D2671
1,1,2-Trichlorotrifluoroethane	ND	.227	ND	Q2D2671
Vinyl acetate	ND	.045	ND	Q2D2671
Vinyl chloride	ND	.045	ND	Q2D2671
Xylenes	ND			

- These reporting limits are higher than usual due to matrix interferences.

TOTAL VOLATILE ANALYSIS, MS, (MV00)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	191	JK7387

Compounds	Sample Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number
Acetone	.064	.005	ND	Q1V2683
Acrolein	ND	.025	ND	Q1V2683
Acrylonitrile	ND	.013	ND	Q1V2683
Benzene	ND	.005	ND	Q1V2683
Bromoform	ND	.005	ND	Q1V2683
Carbon disulfide	ND	.005	ND	Q1V2683
Carbon tetrachloride	ND	.005	ND	Q1V2683
Chlorobenzene	ND	.005	ND	Q1V2683
Chlorodibromomethane	ND	.005	ND	Q1V2683
Chloroethane	ND	.005	ND	Q1V2683
Chloroform	.240	.005	ND	Q1V2683
2-Chloroethylvinyl ether	ND	.005	ND	Q1V2683
3-Chloropropene	ND	.005	ND	Q1V2683
1,2-Dibromo-3-chloropropane	ND	.005	ND	Q1V2683
Dichlorobromomethane	.008	.005	ND	Q1V2683
Dichlorodifluoromethane	ND	.005	ND	Q1V2683
1,1-Dichloroethane	ND	.005	ND	Q1V2683
1,2-Dichloroethane	ND	.005	ND	Q1V2683
1,1-Dichloroethylene	ND	.005	ND	Q1V2683
1,2-Dichloropropane	ND	.005	ND	Q1V2683
cis-1,3-Dichloropropylene	ND	.005	ND	Q1V2683
trans-1,3-Dichloropropylene	ND	.005	ND	Q1V2683
Dibromomethane	ND	.005	ND	Q1V2683
Ethylbenzene	ND	.005	ND	Q1V2683
Ethylene dibromide	ND	.005	ND	Q1V2683
Ethyl acetate	ND	.050	ND	Q1V2683
Ethyl ether	ND	.005	ND	Q1V2683
2-Hexanone	ND	.005	ND	Q1V2683
Iodomethane	ND	.005	ND	Q1V2683
Methyl bromide	ND	.005	ND	Q1V2683
Methyl chloride	ND	.005	ND	Q1V2683
Methylene chloride	.033	.005	ND	Q1V2683
Methyl ethyl ketone	ND	.010	ND	Q1V2683
Methyl-iso-butyl ketone	ND	.010	ND	Q1V2683
Styrene	ND	.005	ND	Q1V2683
1,1,1,2-Tetrachloroethane	ND	.005	ND	Q1V2683
1,1,2,2-Tetrachloroethane	ND	.005	ND	Q1V2683
Tetrachloroethylene	ND	.005	ND	Q1V2683
Tetrahydrofuran	ND	.005	ND	Q1V2683
Toluene	ND	.005	ND	Q1V2683
1,1,1-Trichloroethane	ND	.005	ND	Q1V2683
1,1,2-Trichloroethane	ND	.005	ND	Q1V2683
Trichloroethylene	ND	.005	ND	Q1V2683
1,2-Trans-dichloroethylene	ND	.005	ND	Q1V2683
Trichlorofluoromethane	ND	.005	ND	Q1V2683
1,2,3-Trichloropropane	ND	.005	ND	Q1V2683
1,1,2-Trichlorotrifluoroethane	ND	.010	ND	Q1V2683
Vinyl acetate	ND	.025	ND	Q1V2683
Vinyl chloride	ND	.005	ND	Q1V2683
Xylenes	ND	.005	ND	Q1V2683

RCRA TCLP LEACHATE HERBICIDE ANALYSIS, GC, (GS52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-02	JK7562

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
2,4-D	ND	-	.250	ND	Q7H7688	81
2,4,5-TP (Silvex)	ND	-	.250	ND	Q7H7688	86

RCRA TCLP LEACHATE HERBICIDE ANALYSIS, GC, (GS52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-06	JK7563

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
2,4-D	ND	-	.250	ND	Q7H7688	81
2,4,5-TP (Silvex)	ND	-	.250	ND	Q7H7688	86

RCRA TCLP LEACHATE HERBICIDE ANALYSIS, GC, (GS52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	246	JK7564

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
2,4-D	ND	-	.250	ND	Q7H7688	81
2,4,5-TP (Silvex)	ND	-	.250	ND	Q7H7688	86

RCRA TCLP LEACHATE HERBICIDE ANALYSIS, GC, (GS52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	232	JK7375

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
2,4-D	ND	-	.250	ND	Q7H7640	94
2,4,5-TP (Silvex)	ND	-	.250	ND	Q7H7640	102

RCRA TCLP LEACHATE HERBICIDE ANALYSIS, GC, (GS52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	248	JK7376

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
2,4-D	ND	-	.250	ND	Q7H7653	91
2,4,5-TP (Silvex)	ND	-	.250	ND	Q7H7653	93

RCRA TCLP Leachate Pesticide Analysis, GC, (GS54)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-02	JK7562

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
Chlordane	ND	-	.020	ND	Q7P7698	107
Endrin	ND	-	.002	ND	Q7P7698	125
Heptachlor	ND	-	.002	ND	Q7P7698	80
Heptachlor epoxide	ND	-	.002	ND	Q7P7698	110
Toxaphene	ND	-	.040	ND	Q7P7698	96

RCRA TCLP Leachate Pesticide Analysis, GC, (GS54)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-06	JK7563

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
Chlordane	ND	-	.020	ND	Q7P7698	107
Endrin	ND	-	.002	ND	Q7P7698	125
Heptachlor	ND	-	.002	ND	Q7P7698	80
Heptachlor epoxide	ND	-	.002	ND	Q7P7698	110
Toxaphene	ND	-	.040	ND	Q7P7698	96

RCRA TCLP LEACHATE PESTICIDE ANALYSIS, GC, (GS54)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	246	JK7564

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
Chlordane	ND	-	.020	ND	Q7P7698	107
Endrin	ND	-	.002	ND	Q7P7698	125
Heptachlor	ND	-	.002	ND	Q7P7698	80
Heptachlor epoxide	ND	-	.002	ND	Q7P7698	110
Toxaphene	ND	-	.040	ND	Q7P7698	96

- Surrogate recoveries outside of the control limits were attributed to difficulties in the preparation of the sample due to the sample matrix.

RCRA TCLP Leachate Pesticide Analysis, GC, (GS54)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	232	JK7375

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
Chlordane	ND	-	.020	ND	Q7P7645	75
Endrin	ND	-	.002	ND	Q7P7645	112
Heptachlor	ND	-	.002	ND	Q7P7645	142
Heptachlor epoxide	ND	-	.002	ND	Q7P7645	103
Toxaphene	ND	-	.040	ND	Q7P7645	411

RCRA TCLP LEACHATE PESTICIDE ANALYSIS, GC, (GS54)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	248	JK7376

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
Chlordane	ND	-	.020	ND	Q7P7645	75
Endrin	ND	-	.002	ND	Q7P7645	112
Heptachlor	ND	-	.002	ND	Q7P7645	142
Heptachlor epoxide	ND	-	.002	ND	Q7P7645	103
Toxaphene	ND	-	.040	ND	Q7P7645	411

RCRA TCLP LEACHATE METALS ANALYSIS, (ME52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-02	JK7562

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
Arsenic	ND	-	.100	ND	Q7M2738R	99
Barium	ND	-	.100	ND	Q7M2738R	-
Cadmium	.020	.023	.005	ND	Q7M2738R	88
Chromium	ND	-	.020	ND	Q7M2738R	89
Lead	314	436	1.00	ND	Q7M2738R	72
Mercury	ND	-	.001	ND	Q7G2747	102
Selenium	ND	-	.100	ND	Q7M2738R	100
Silver	ND	-	.020	ND	Q7M2738R	78

RCRA TCLP LEACHATE METALS ANALYSIS, (ME52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-06	JK7563

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
Arsenic	ND	-	.100	ND	Q7M2738R	99
Barium	475	475	.100	ND	Q7M2738R	-
Cadmium	ND	-	.005	ND	Q7M2738R	88
Chromium	ND	-	.020	ND	Q7M2738R	89
Lead	31.0	43.0	.100	ND	Q7M2738R	72
Mercury	ND	-	.001	ND	Q7G2747	102
Selenium	ND	-	.100	ND	Q7M2738R	100
Silver	ND	-	.020	ND	Q7M2738R	78

RCRA TCLP LEACHATE METALS ANALYSIS, (ME52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	246	JK7564

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
Arsenic	ND	-	.100	ND	Q7M2738R	99
Barium	.127	.127	.100	ND	Q7M2738R	-
Cadmium	.012	.013	.005	ND	Q7M2738R	88
Chromium	3.12	3.52	.020	ND	Q7M2738R	89
Lead	.235	.326	.100	ND	Q7M2738R	72
Mercury	ND	-	.001	ND	Q7G2747	102
Selenium	ND	-	.100	ND	Q7M2738R	100
Silver	ND	-	.020	ND	Q7M2738R	78

RCRA TCLP LEACHATE METALS ANALYSIS, (ME52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-08	JK7565

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
Arsenic	ND	-	.100	ND	Q7M2738R	99
Barium	1.47	1.47	.100	ND	Q7M2738R	-
Cadmium	.062	.071	.005	ND	Q7M2738R	88
Chromium	ND	-	.020	ND	Q7M2738R	89
Lead	.620	.861	.100	ND	Q7M2738R	72
Mercury	.011	.011	.001	ND	Q7G2747	102
Selenium	ND	-	.100	ND	Q7M2738R	100
Silver	ND	-	.020	ND	Q7M2738R	78

RCRA TCLP LEACHATE METALS ANALYSIS, (ME52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	021	JK7566

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
Arsenic	ND	-	20.0	ND	Q7M2738R	99
Barium	ND	-	20.0	ND	Q7M2738R	-
Cadmium	ND	-	1.00	ND	Q7M2738R	88
Chromium	ND	-	4.00	ND	Q7M2738R	89
Lead	5640	7830	20.0	ND	Q7M2738R	72
Mercury	ND	-	.001	ND	Q7G2747	102
Selenium	ND	-	20.0	ND	Q7M2738R	100
Silver	ND	-	4.00	ND	Q7M2738R	78

RCRA TCLP LEACHATE METALS ANALYSIS, (ME52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-03	JK7368

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
Arsenic	ND	-	.100	ND	Q7M2725	109
Barium	ND	-	.100	ND	Q7M2725	101
Cadmium	.032	.032	.005	ND	Q7M2725	126
Chromium	ND	-	.020	ND	Q7M2725	112
Lead	7.72	7.72	.100	ND	Q7M2725	-
Mercury	ND	-	.001	ND	Q7G2719	111
Selenium	ND	-	.100	ND	Q7M2725	124
Silver	ND	-	.020	ND	Q7M2725	54

RCRA TCLP LEACHATE METALS ANALYSIS, (ME52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-09	JK7369

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
Arsenic	ND	-	.100	ND	Q7M2725	109
Barium	.247	.247	.100	ND	Q7M2725	101
Cadmium	.139	.139	.005	ND	Q7M2725	126
Chromium	.038	.038	.020	ND	Q7M2725	112
Lead	4.83	4.83	.100	ND	Q7M2725	-
Mercury	ND	-	.001	ND	Q7G2719	111
Selenium	ND	-	.100	ND	Q7M2725	124
Silver	ND	-	.020	ND	Q7M2725	54

RCRA TCLP Leachate Combined Multiphasic Metals Analysis, (ME59)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-04	JK7370

Compounds	Sample Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number
Arsenic	ND	.850	ND	Q7M2738R
Barium	3.69	.850	ND	Q7M2738R
Cadmium	.071	.043	ND	Q7M2738R
Chromium	ND	.170	ND	Q7M2738R
Lead	101	.850	ND	Q7M2738R
Mercury	.080	.061	ND	Q7G2747
Selenium	ND	.850	ND	Q7M2738R
Silver	ND	.170	ND	Q7M2738R

RCRA TCLP Leachate Combined Multiphasic Metals Analysis, (ME59)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	162	JK7371

Compounds	Sample Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number
Arsenic	ND	.950	ND	Q7M2738R
Barium	1.65	.950	ND	Q7M2738R
Cadmium	ND	.048	ND	Q7M2738R
Chromium	ND	.190	ND	Q7M2738R
Lead	ND	.950	ND	Q7M2738R
Mercury	ND	.061	ND	Q7G2747
Selenium	ND	.950	ND	Q7M2738R
Silver	ND	.190	ND	Q7M2738R

RCRA TCLP LEACHATE METALS ANALYSIS, (ME52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	053	JK7372

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
Arsenic	ND	-	.100	ND	Q7M2725	109
Barium	.380	.380	.100	ND	Q7M2725	101
Cadmium	ND	-	.005	ND	Q7M2725	126
Chromium	.020	.020	.020	ND	Q7M2725	112
Lead	2.98	2.98	.100	ND	Q7M2725	-
Mercury	.005	.005	.001	ND	Q7G2719	111
Selenium	ND	-	.100	ND	Q7M2725	124
Silver	ND	-	.020	ND	Q7M2725	54

RCRA TCLP LEACHATE METALS ANALYSIS, (ME52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-05	JK7373

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
Arsenic	ND	-	1.00	ND	Q7M2725	109
Barium	ND	-	1.00	ND	Q7M2725	101
Cadmium	.291	.291	.050	ND	Q7M2725	126
Chromium	ND	-	.200	ND	Q7M2725	112
Lead	277	277	1.00	ND	Q7M2725	-
Mercury	.029	.029	.010	ND	Q7G2719	111
Selenium	ND	-	1.00	ND	Q7M2725	124
Silver	ND	-	.200	ND	Q7M2725	54

RCRA TCLP LEACHATE METALS ANALYSIS, (ME52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	232	JK7375

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
Arsenic	ND	-	.100	ND	Q7M2714	84
Barium	1.01	1.15	.100	ND	Q7M2714	88
Cadmium	.030	.030	.005	ND	Q7M2714	99
Chromium	ND	-	.020	ND	Q7M2714	93
Lead	3.29	3.48	.100	ND	Q7M2714	94
Mercury	ND	-	.001	ND	Q7G2719	111
Selenium	ND	-	.100	ND	Q7M2714	99
Silver	ND	-	.020	ND	Q7M2714	66

RCRA TCLP LEACHATE METALS ANALYSIS, (ME52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	248	JK7376

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
Arsenic	ND	-	1.00	ND	Q7M2731	79
Barium	ND	-	1.00	ND	Q7M2731	86
Cadmium	ND	-	.050	ND	Q7M2731	76
Chromium	ND	-	.200	ND	Q7M2731	38
Lead	ND	-	1.00	ND	Q7M2731	78
Mercury	ND	-	.001	ND	Q7G2720	113
Selenium	ND	-	1.00	ND	Q7M2731	87
Silver	ND	-	.200	ND	Q7M2731	73

- These reporting limits are higher than usual due to matrix interferences.

RCRA TCLP LEACHATE METALS ANALYSIS, (ME52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	136	JK7377

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
Arsenic	.179	.214	.100	ND	Q7M2714	84
Barium	.182	.207	.100	ND	Q7M2714	88
Cadmium	ND	-	.005	ND	Q7M2714	99
Chromium	.050	.053	.020	ND	Q7M2714	93
Lead	2.24	2.37	.100	ND	Q7M2714	94
Mercury	ND	-	.001	ND	Q7G2747	102
Selenium	ND	-	.100	ND	Q7M2714	99
Silver	ND	-	.020	ND	Q7M2714	66

RCRA TCLP LEACHATE METALS ANALYSIS, (ME52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	114	JK7378

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
Arsenic	1.33	1.33	.100	ND	Q7M2725	109
Barium	.181	.181	.100	ND	Q7M2725	101
Cadmium	ND	-	.005	ND	Q7M2725	126
Chromium	.245	.245	.020	ND	Q7M2725	112
Lead	17.1	17.1	.100	ND	Q7M2725	-
Mercury	.015	.015	.005	ND	Q7G2720	113
Selenium	.206	.206	.100	ND	Q7M2725	124
Silver	ND	-	.020	ND	Q7M2725	54

RCRA TCLP Leachate Base/Neutral/Acid Analysis, MS, (MS52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-02	JK7562

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
2,4-Dinitrotoluene	ND	-	.100	ND	Q7C7699	84
Hexachlorobenzene	ND	-	.100	ND	Q7C7699	71
Hexachloroethane	ND	-	.100	ND	Q7C7699	44
Hexachlorobutadiene	ND	-	.100	ND	Q7C7699	34
Lindane	ND	-	.100	ND	Q7C7699	106
Methoxychlor	ND	-	.100	ND	Q7C7699	74
2-Methylphenol	ND	-	.100	ND	Q7C7699	98
4-Methylphenol	ND	-	.100	ND	Q7C7699	84
Nitrobenzene	ND	-	.100	ND	Q7C7699	89
Pentachlorophenol	ND	-	.100	ND	Q7C7699	100
Pyridine	ND	-	.100	ND	Q7C7699	73
2,4,5-Trichlorophenol	ND	-	.100	ND	Q7C7699	99
2,4,6-Trichlorophenol	ND	-	.100	ND	Q7C7699	97

3-Methyl- and 4-Methylphenol coelute and are reported as the total

RCRA TCLP Leachate Base/Neutral/Acid Analysis, MS, (MS52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-06	JK7563

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
2,4-Dinitrotoluene	ND	-	.100	ND	Q7C7699	84
Hexachlorobenzene	ND	-	.100	ND	Q7C7699	71
Hexachloroethane	ND	-	.100	ND	Q7C7699	44
Hexachlorobutadiene	ND	-	.100	ND	Q7C7699	34
Lindane	ND	-	.100	ND	Q7C7699	106
Methoxychlor	ND	-	.100	ND	Q7C7699	74
2-Methylphenol	ND	-	.100	ND	Q7C7699	98
4-Methylphenol	ND	-	.100	ND	Q7C7699	84
Nitrobenzene	ND	-	.100	ND	Q7C7699	89
Pentachlorophenol	ND	-	.100	ND	Q7C7699	100
Pyridine	ND	-	.100	ND	Q7C7699	73
2,4,5-Trichlorophenol	ND	-	.100	ND	Q7C7699	99
2,4,6-Trichlorophenol	ND	-	.100	ND	Q7C7699	97

3-Methyl- and 4-Methylphenol coelute and are reported as the total

RCRA TCLP LEACHATE BASE/NEUTRAL/ACID ANALYSIS, MS, (MS52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	246	JK7564

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
2,4-Dinitrotoluene	ND	-	.100	ND	Q7C7699	84
Hexachlorobenzene	ND	-	.100	ND	Q7C7699	71
Hexachloroethane	ND	-	.100	ND	Q7C7699	44
Hexachlorobutadiene	ND	-	.100	ND	Q7C7699	34
Lindane	ND	-	.100	ND	Q7C7699	106
Methoxychlor	ND	-	.100	ND	Q7C7699	74
2-Methylphenol	ND	-	.100	ND	Q7C7699	98
4-Methylphenol	ND	-	.100	ND	Q7C7699	84
Nitrobenzene	ND	-	.100	ND	Q7C7699	89
Pentachlorophenol	ND	-	.100	ND	Q7C7699	100
Pyridine	ND	-	.100	ND	Q7C7699	73
2,4,5-Trichlorophenol	ND	-	.100	ND	Q7C7699	99
2,4,6-Trichlorophenol	ND	-	.100	ND	Q7C7699	97

3-Methyl- and 4-Methylphenol coelute and are reported as the total

RCRA TCLP Leachate Base/Neutral/Acid Analysis, MS, (MS52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-08	JK7565

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
2,4-Dinitrotoluene	ND	-	.100	ND	Q7C7699	84
Hexachlorobenzene	ND	-	.100	ND	Q7C7699	71
Hexachloroethane	ND	-	.100	ND	Q7C7699	44
Hexachlorobutadiene	ND	-	.100	ND	Q7C7699	34
Lindane	ND	-	.100	ND	Q7C7699	106
Methoxychlor	ND	-	.100	ND	Q7C7699	74
2-Methylphenol	ND	-	.100	ND	Q7C7699	98
4-Methylphenol	ND	-	.100	ND	Q7C7699	84
Nitrobenzene	ND	-	.100	ND	Q7C7699	89
Pentachlorophenol	ND	-	.100	ND	Q7C7699	100
Pyridine	ND	-	.100	ND	Q7C7699	73
2,4,5-Trichlorophenol	ND	-	.100	ND	Q7C7699	99
2,4,6-Trichlorophenol	ND	-	.100	ND	Q7C7699	97

3-Methyl- and 4-Methylphenol coelute and are reported as the total

RCRA TCLP Leachate Base/Neutral/Acid Analysis, MS, (MS52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	021	JK7566

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
2,4-Dinitrotoluene	ND	-	.100	ND	Q7C7699	66
Hexachlorobenzene	ND	-	.100	ND	Q7C7699	72
Hexachloroethane	ND	-	.100	ND	Q7C7699	35
Hexachlorobutadiene	ND	-	.100	ND	Q7C7699	51
Lindane	ND	-	.100	ND	Q7C7699	68
Methoxychlor	ND	-	.100	ND	Q7C7699	15
2-Methylphenol	ND	-	.100	ND	Q7C7699	73
4-Methylphenol	ND	-	.100	ND	Q7C7699	62
Nitrobenzene	ND	-	.100	ND	Q7C7699	71
Pentachlorophenol	ND	-	.100	ND	Q7C7699	38
Pyridine	ND	-	.100	ND	Q7C7699	56
2,4,5-Trichlorophenol	ND	-	.100	ND	Q7C7699	77
2,4,6-Trichlorophenol	ND	-	.100	ND	Q7C7699	73

3-Methyl- and 4-Methylphenol coelute and are reported as the total

RCRA TCLP Leachate Base/Neutral/Acid Analysis, MS, (MS52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-03	JK7368

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
2,4-Dinitrotoluene	ND	-	.100	ND	Q7C7648	118
Hexachlorobenzene	ND	-	.100	ND	Q7C7648	91
Hexachloroethane	ND	-	.100	ND	Q7C7648	-
Hexachlorobutadiene	ND	-	.100	ND	Q7C7648	19
Lindane	ND	-	.100	ND	Q7C7648	101
Methoxychlor	ND	-	.100	ND	Q7C7648	51
2-Methylphenol	ND	-	.100	ND	Q7C7648	-
4-Methylphenol	ND	-	.100	ND	Q7C7648	-
Nitrobenzene	ND	-	.100	ND	Q7C7648	102
Pentachlorophenol	ND	-	.100	ND	Q7C7648	163
Pyridine	ND	-	.100	ND	Q7C7648	34
2,4,5-Trichlorophenol	ND	-	.100	ND	Q7C7648	64
2,4,6-Trichlorophenol	ND	-	.100	ND	Q7C7648	-

3-Methyl- and 4-Methylphenol coelute and are reported as the total

RCRA TCLP Leachate Base/Neutral/Acid Analysis, MS, (MS52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-09	JK7369

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
2,4-Dinitrotoluene	ND	-	.100	ND	Q7C7648	118
Hexachlorobenzene	ND	-	.100	ND	Q7C7648	91
Hexachloroethane	ND	-	.100	ND	Q7C7648	-
Hexachlorobutadiene	ND	-	.100	ND	Q7C7648	19
Lindane	ND	-	.100	ND	Q7C7648	101
Methoxychlor	ND	-	.100	ND	Q7C7648	51
2-Methylphenol	ND	-	.100	ND	Q7C7648	-
4-Methylphenol	ND	-	.100	ND	Q7C7648	-
Nitrobenzene	ND	-	.100	ND	Q7C7648	102
Pentachlorophenol	ND	-	.100	ND	Q7C7648	163
Pyridine	ND	-	.100	ND	Q7C7648	34
2,4,5-Trichlorophenol	ND	-	.100	ND	Q7C7648	64
2,4,6-Trichlorophenol	ND	-	.100	ND	Q7C7648	-

3-Methyl- and 4-Methylphenol coelute and are reported as the total

RCRA TCLP Leachate Combined Multiphasic SVA Analysis, MS, (MS83)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-04	JK7370

Compounds	Sample Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number
2,4-Dinitrotoluene	ND	149	ND	Q7C7799
Hexachlorobenzene	ND	149	ND	Q7C7799
Hexachloroethane	ND	149	ND	Q7C7799
Hexachlorobutadiene	ND	149	ND	Q7C7799
2-Methylphenol	ND	149	ND	Q7C7799
4-Methylphenol	ND	149	ND	Q7C7799
Nitrobenzene	ND	149	ND	Q7C7799
Pentachlorophenol	ND	149	ND	Q7C7799
Pyridine	ND	149	ND	Q7C7799
2,4,5-Trichlorophenol	ND	149	ND	Q7C7799
2,4,6-Trichlorophenol	ND	149	ND	Q7C7799

RCRA TCLP Leachate Combined Multiphasic SVA Analysis, MS, (MS83)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	162	JK7371

Compounds	Sample Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number
2,4-Dinitrotoluene	ND	152	ND	Q7C7699
Hexachlorobenzene	ND	152	ND	Q7C7699
Hexachloroethane	ND	152	ND	Q7C7699
Hexachlorobutadiene	ND	152	ND	Q7C7699
2-Methylphenol	ND	152	ND	Q7C7699
4-Methylphenol	ND	152	ND	Q7C7699
Nitrobenzene	ND	152	ND	Q7C7699
Pentachlorophenol	ND	152	ND	Q7C7699
Pyridine	ND	152	ND	Q7C7699
2,4,5-Trichlorophenol	ND	152	ND	Q7C7699
2,4,6-Trichlorophenol	ND	152	ND	Q7C7699

RCRA TCLP LEACHATE BASE/NEUTRAL/ACID ANALYSIS, MS, (MS52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	053	JK7372

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
2,4-Dinitrotoluene	ND	-	.100	ND	Q7C7648	118
Hexachlorobenzene	ND	-	.100	ND	Q7C7648	91
Hexachloroethane	ND	-	.100	ND	Q7C7648	-
Hexachlorobutadiene	ND	-	.100	ND	Q7C7648	19
Lindane	ND	-	.100	ND	Q7C7648	101
Methoxychlor	ND	-	.100	ND	Q7C7648	51
2-Methylphenol	ND	-	.100	ND	Q7C7648	-
4-Methylphenol	.379	.379	.100	ND	Q7C7648	-
Nitrobenzene	ND	-	.100	ND	Q7C7648	102
Pentachlorophenol	ND	-	.100	ND	Q7C7648	163
Pyridine	ND	-	.100	ND	Q7C7648	34
2,4,5-Trichlorophenol	ND	-	.100	ND	Q7C7648	64
2,4,6-Trichlorophenol	ND	-	.100	ND	Q7C7648	-

3-Methyl- and 4-Methylphenol coelute and are reported as the total

- Surrogate recoveries which are outside of control limits were attributed to the sample matrix, this was confirmed by replicate analysis.

RCRA TCLP LEACHATE BASE/NEUTRAL/ACID ANALYSIS, MS, (MS52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-05	JK7373

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
2,4-Dinitrotoluene	ND	-	.100	ND	Q7C7648	118
Hexachlorobenzene	ND	-	.100	ND	Q7C7648	91
Hexachloroethane	ND	-	.100	ND	Q7C7648	-
Hexachlorobutadiene	ND	-	.100	ND	Q7C7648	19
Lindane	ND	-	.100	ND	Q7C7648	101
Methoxychlor	ND	-	.100	ND	Q7C7648	51
2-Methylphenol	ND	-	.100	ND	Q7C7648	-
4-Methylphenol	ND	-	.100	ND	Q7C7648	-
Nitrobenzene	ND	-	.100	ND	Q7C7648	102
Pentachlorophenol	ND	-	.100	ND	Q7C7648	163
Pyridine	ND	-	.100	ND	Q7C7648	34
2,4,5-Trichlorophenol	ND	-	.100	ND	Q7C7648	64
2,4,6-Trichlorophenol	ND	-	.100	ND	Q7C7648	-

3-Methyl- and 4-Methylphenol coelute and are reported as the total

RCRA TCLP Leachate Base/Neutral/Acid Analysis, MS, (MS52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	232	JK7375

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
2,4-Dinitrotoluene	ND	-	.100	ND	Q7C7648	118
Hexachlorobenzene	ND	-	.100	ND	Q7C7648	91
Hexachloroethane	ND	-	.100	ND	Q7C7648	-
Hexachlorobutadiene	ND	-	.100	ND	Q7C7648	19
Lindane	ND	-	.100	ND	Q7C7648	101
Methoxychlor	ND	-	.100	ND	Q7C7648	51
2-Methylphenol	ND	-	.100	ND	Q7C7648	-
4-Methylphenol	ND	-	.100	ND	Q7C7648	-
Nitrobenzene	ND	-	.100	ND	Q7C7648	102
Pentachlorophenol	ND	-	.100	ND	Q7C7648	163
Pyridine	ND	-	.100	ND	Q7C7648	34
2,4,5-Trichlorophenol	ND	-	.100	ND	Q7C7648	64
2,4,6-Trichlorophenol	ND	-	.100	ND	Q7C7648	-

3-Methyl- and 4-Methylphenol coelute and are reported as the total

RCRA TCLP Leachate Base/Neutral/Acid Analysis, MS, (MS52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	248	JK7376

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
2,4-Dinitrotoluene	ND	-	.100	ND	Q7C7751	-
Hexachlorobenzene	ND	-	.100	ND	Q7C7751	66
Hexachloroethane	ND	-	.100	ND	Q7C7751	-
Hexachlorobutadiene	ND	-	.100	ND	Q7C7751	46
Lindane	ND	-	.100	ND	Q7C7751	-
Methoxychlor	ND	-	.100	ND	Q7C7751	36
2-Methylphenol	ND	-	.100	ND	Q7C7751	61
4-Methylphenol	.157	.241	.100	ND	Q7C7751	65
Nitrobenzene	ND	-	.100	ND	Q7C7751	37
Pentachlorophenol	ND	-	.100	ND	Q7C7751	75
Pyridine	ND	-	.100	ND	Q7C7751	-
2,4,5-Trichlorophenol	ND	-	.100	ND	Q7C7751	76
2,4,6-Trichlorophenol	ND	-	.100	ND	Q7C7751	72

3-Methyl- and 4-Methylphenol coelute and are reported as the total

- Variable QC matrix spike recoveries were attributed to sample matrix interference.

RCRA TCLP Leachate Base/Neutral/Acid Analysis, MS, (MS52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	136	JK7377

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
2,4-Dinitrotoluene	ND	-	.100	ND	Q7C7648	118
Hexachlorobenzene	ND	-	.100	ND	Q7C7648	91
Hexachloroethane	ND	-	.100	ND	Q7C7648	-
Hexachlorobutadiene	ND	-	.100	ND	Q7C7648	19
Lindane	ND	-	.100	ND	Q7C7648	101
Methoxychlor	ND	-	.100	ND	Q7C7648	51
2-Methylphenol	ND	-	.100	ND	Q7C7648	-
4-Methylphenol	ND	-	.100	ND	Q7C7648	-
Nitrobenzene	ND	-	.100	ND	Q7C7648	102
Pentachlorophenol	ND	-	.100	ND	Q7C7648	163
Pyridine	ND	-	.100	ND	Q7C7648	34
2,4,5-Trichlorophenol	ND	-	.100	ND	Q7C7648	64
2,4,6-Trichlorophenol	ND	-	.100	ND	Q7C7648	-

3-Methyl- and 4-Methylphenol coelute and are reported as the total

RCRA TCLP LEACHATE BASE/NEUTRAL/ACID ANALYSIS, MS, (MS52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	114	JK7378

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
2,4-Dinitrotoluene	ND	-	.100	ND	Q7C7648	118
Hexachlorobenzene	ND	-	.100	ND	Q7C7648	91
Hexachloroethane	ND	-	.100	ND	Q7C7648	-
Hexachlorobutadiene	ND	-	.100	ND	Q7C7648	19
Lindane	ND	-	.100	ND	Q7C7648	101
Methoxychlor	ND	-	.100	ND	Q7C7648	51
2-Methylphenol	ND	-	.100	ND	Q7C7648	-
4-Methylphenol	ND	-	.100	ND	Q7C7648	-
Nitrobenzene	ND	-	.100	ND	Q7C7648	102
Pentachlorophenol	ND	-	.100	ND	Q7C7648	163
Pyridine	ND	-	.100	ND	Q7C7648	34
2,4,5-Trichlorophenol	ND	-	.100	ND	Q7C7648	64
2,4,6-Trichlorophenol	ND	-	.100	ND	Q7C7648	-

3-Methyl- and 4-Methylphenol coelute and are reported as the total

- This sample showed poor recovery on one or more surrogates, indicating possible matrix interferences.

RCRA TCLP LEACHATE (ZHE) VOLATILE ANALYSIS, MS, (MV50)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-02	JK7562

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
Benzene	ND	-	.125	ND	Q7V2685	98
Carbon tetrachloride	ND	-	.125	ND	Q7V2685	107
Chlorobenzene	ND	-	.125	ND	Q7V2685	100
Chloroform	ND	-	.125	ND	Q7V2685	102
1,4-Dichlorobenzene	ND	-	.125	ND	Q7V2685	92
1,2-Dichloroethane	ND	-	.125	ND	Q7V2685	110
1,1-Dichloroethylene	ND	-	.125	ND	Q7V2685	98
Methyl ethyl ketone	ND	-	.250	ND	Q7V2685	75
Tetrachloroethylene	ND	-	.125	ND	Q7V2685	95
Trichloroethylene	ND	-	.125	ND	Q7V2685	99
Vinyl chloride	ND	-	.125	ND	Q7V2685	95

RCRA TCLP LEACHATE (ZHE) VOLATILE ANALYSIS, MS, (MV50)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-06	JK7563

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
Benzene	ND	-	.125	ND	Q7V2685	98
Carbon tetrachloride	ND	-	.125	ND	Q7V2685	107
Chlorobenzene	ND	-	.125	ND	Q7V2685	100
Chloroform	ND	-	.125	ND	Q7V2685	102
1,4-Dichlorobenzene	ND	-	.125	ND	Q7V2685	92
1,2-Dichloroethane	ND	-	.125	ND	Q7V2685	110
1,1-Dichloroethylene	ND	-	.125	ND	Q7V2685	98
Methyl ethyl ketone	ND	-	.250	ND	Q7V2685	75
Tetrachloroethylene	ND	-	.125	ND	Q7V2685	95
Trichloroethylene	ND	-	.125	ND	Q7V2685	99
Vinyl chloride	ND	-	.125	ND	Q7V2685	95

RCRA TCLP LEACHATE (ZHE) VOLATILE ANALYSIS, MS, (MV50)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	246	JK7564

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
Benzene	ND	-	.125	ND	Q7V2685	98
Carbon tetrachloride	ND	-	.125	ND	Q7V2685	107
Chlorobenzene	ND	-	.125	ND	Q7V2685	100
Chloroform	ND	-	.125	ND	Q7V2685	102
1,4-Dichlorobenzene	ND	-	.125	ND	Q7V2685	92
1,2-Dichloroethane	ND	-	.125	ND	Q7V2685	110
1,1-Dichloroethylene	ND	-	.125	ND	Q7V2685	98
Methyl ethyl ketone	ND	-	.250	ND	Q7V2685	75
Tetrachloroethylene	ND	-	.125	ND	Q7V2685	95
Trichloroethylene	ND	-	.125	ND	Q7V2685	99
Vinyl chloride	ND	-	.125	ND	Q7V2685	95

RCRA TCLP LEACHATE (ZHE) VOLATILE ANALYSIS, MS, (MV50)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-08	JK7565

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
Benzene	ND	-	.125	ND	Q7V2685	98
Carbon tetrachloride	ND	-	.125	ND	Q7V2685	107
Chlorobenzene	ND	-	.125	ND	Q7V2685	100
Chloroform	ND	-	.125	ND	Q7V2685	102
1,4-Dichlorobenzene	ND	-	.125	ND	Q7V2685	92
1,2-Dichloroethane	ND	-	.125	ND	Q7V2685	110
1,1-Dichloroethylene	ND	-	.125	ND	Q7V2685	98
Methyl ethyl ketone	ND	-	.250	ND	Q7V2685	75
Tetrachloroethylene	ND	-	.125	ND	Q7V2685	95
Trichloroethylene	ND	-	.125	ND	Q7V2685	99
Vinyl chloride	ND	-	.125	ND	Q7V2685	95

RCRA TCLP LEACHATE (ZHE) VOLATILE ANALYSIS, MS, (MV50)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	021	JK7566

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
Benzene	ND	-	.125	ND	Q7V2685	98
Carbon tetrachloride	ND	-	.125	ND	Q7V2685	107
Chlorobenzene	ND	-	.125	ND	Q7V2685	100
Chloroform	ND	-	.125	ND	Q7V2685	102
1,4-Dichlorobenzene	ND	-	.125	ND	Q7V2685	92
1,2-Dichloroethane	ND	-	.125	ND	Q7V2685	110
1,1-Dichloroethylene	ND	-	.125	ND	Q7V2685	98
Methyl ethyl ketone	ND	-	.250	ND	Q7V2685	75
Tetrachloroethylene	ND	-	.125	ND	Q7V2685	95
Trichloroethylene	ND	-	.125	ND	Q7V2685	99
Vinyl chloride	ND	-	.125	ND	Q7V2685	95

RCRA TCLP LEACHATE (ZHE) VOLATILE ANALYSIS, MS, (MV50)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-03	JK7368

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
Benzene	ND	-	.125	ND	Q7V2672	92
Carbon tetrachloride	ND	-	.125	ND	Q7V2672	80
Chlorobenzene	ND	-	.125	ND	Q7V2672	92
Chloroform	ND	-	.125	ND	Q7V2672	98
1,4-Dichlorobenzene	ND	-	.125	ND	Q7V2672	88
1,2-Dichloroethane	ND	-	.125	ND	Q7V2672	103
1,1-Dichloroethylene	ND	-	.125	ND	Q7V2672	87
Methyl ethyl ketone	.692	1.04	.250	ND	Q7V2672	67
Tetrachloroethylene	ND	-	.125	ND	Q7V2672	92
Trichloroethylene	ND	-	.125	ND	Q7V2672	97
Vinyl chloride	ND	-	.125	ND	Q7V2672	94

RCRA TCLP LEACHATE (ZHE) VOLATILE ANALYSIS, MS, (MV50)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-09	JK7369

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
Benzene	ND	-	.125	ND	Q7V2672	92
Carbon tetrachloride	ND	-	.125	ND	Q7V2672	80
Chlorobenzene	ND	-	.125	ND	Q7V2672	92
Chloroform	ND	-	.125	ND	Q7V2672	98
1,4-Dichlorobenzene	ND	-	.125	ND	Q7V2672	88
1,2-Dichloroethane	ND	-	.125	ND	Q7V2672	103
1,1-Dichloroethylene	ND	-	.125	ND	Q7V2672	87
Methyl ethyl ketone	ND	-	.250	ND	Q7V2672	67
Tetrachloroethylene	ND	-	.125	ND	Q7V2672	92
Trichloroethylene	ND	-	.125	ND	Q7V2672	97
Vinyl chloride	ND	-	.125	ND	Q7V2672	94

RCRA TCLP LEACHATE (ZHE) VOLATILE ANALYSIS, MS, (MV50)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-04	JK7370

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
Benzene	2080	2140	50.0	ND	Q7V2685	98
Carbon tetrachloride	ND	-	50.0	ND	Q7V2685	107
Chlorobenzene	ND	-	50.0	ND	Q7V2685	100
Chloroform	ND	-	50.0	ND	Q7V2685	102
1,4-Dichlorobenzene	ND	-	50.0	ND	Q7V2685	92
1,2-Dichloroethane	ND	-	50.0	ND	Q7V2685	110
1,1-Dichloroethylene	ND	-	50.0	ND	Q7V2685	98
Methyl ethyl ketone	ND	-	100	ND	Q7V2685	75
Tetrachloroethylene	ND	-	50.0	ND	Q7V2685	95
Trichloroethylene	ND	-	50.0	ND	Q7V2685	99
Vinyl chloride	ND	-	50.0	ND	Q7V2685	95

RCRA TCLP LEACHATE (ZHE) VOLATILE ANALYSIS, MS, (MV50)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	162	JK7371

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
Benzene	ND	-	5.00	ND	Q7V2685	98
Carbon tetrachloride	ND	-	5.00	ND	Q7V2685	107
Chlorobenzene	ND	-	5.00	ND	Q7V2685	100
Chloroform	ND	-	5.00	ND	Q7V2685	102
1,4-Dichlorobenzene	ND	-	5.00	ND	Q7V2685	92
1,2-Dichloroethane	ND	-	5.00	ND	Q7V2685	110
1,1-Dichloroethylene	ND	-	5.00	ND	Q7V2685	98
Methyl ethyl ketone	ND	-	10.0	ND	Q7V2685	75
Tetrachloroethylene	ND	-	5.00	ND	Q7V2685	95
Trichloroethylene	ND	-	5.00	ND	Q7V2685	99
Vinyl chloride	ND	-	5.00	ND	Q7V2685	95

- These reporting limits are higher than usual due to foaming of the sample during the purge cycle.

RCRA TCLP LEACHATE (ZHE) VOLATILE ANALYSIS, MS, (MV50)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	053	JK7372

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
Benzene	ND	-	.125	ND	Q7V2672	92
Carbon tetrachloride	ND	-	.125	ND	Q7V2672	80
Chlorobenzene	ND	-	.125	ND	Q7V2672	92
Chloroform	ND	-	.125	ND	Q7V2672	98
1,4-Dichlorobenzene	ND	-	.125	ND	Q7V2672	88
1,2-Dichloroethane	ND	-	.125	ND	Q7V2672	103
1,1-Dichloroethylene	ND	-	.125	ND	Q7V2672	87
Methyl ethyl ketone	ND	-	.250	ND	Q7V2672	67
Tetrachloroethylene	ND	-	.125	ND	Q7V2672	92
Trichloroethylene	ND	-	.125	ND	Q7V2672	97
Vinyl chloride	ND	-	.125	ND	Q7V2672	94

RCRA TCLP LEACHATE (ZHE) VOLATILE ANALYSIS, MS, (MV50)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	COMP-05	JK7373

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
Benzene	ND	-	.125	ND	Q7V2672	92
Carbon tetrachloride	ND	-	.125	ND	Q7V2672	80
Chlorobenzene	ND	-	.125	ND	Q7V2672	92
Chloroform	ND	-	.125	ND	Q7V2672	98
1,4-Dichlorobenzene	ND	-	.125	ND	Q7V2672	88
1,2-Dichloroethane	ND	-	.125	ND	Q7V2672	103
1,1-Dichloroethylene	ND	-	.125	ND	Q7V2672	87
Methyl ethyl ketone	ND	-	.250	ND	Q7V2672	67
Tetrachloroethylene	ND	-	.125	ND	Q7V2672	92
Trichloroethylene	ND	-	.125	ND	Q7V2672	97
Vinyl chloride	ND	-	.125	ND	Q7V2672	94

RCRA TCLP LEACHATE (ZHE) VOLATILE ANALYSIS, MS, (MV50)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	232	JK7375

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
Benzene	ND	-	.125	ND	Q7V2664	81
Carbon tetrachloride	ND	-	.125	ND	Q7V2664	87
Chlorobenzene	ND	-	.125	ND	Q7V2664	96
Chloroform	ND	-	.125	ND	Q7V2664	103
1,4-Dichlorobenzene	ND	-	.125	ND	Q7V2664	85
1,2-Dichloroethane	ND	-	.125	ND	Q7V2664	87
1,1-Dichloroethylene	ND	-	.125	ND	Q7V2664	96
Methyl ethyl ketone	ND	-	.250	ND	Q7V2664	73
Tetrachloroethylene	ND	-	.125	ND	Q7V2664	99
Trichloroethylene	ND	-	.125	ND	Q7V2664	102
Vinyl chloride	ND	-	.125	ND	Q7V2664	106

RCRA TCLP LEACHATE (ZHE) VOLATILE ANALYSIS, MS, (MV50)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	248	JK7376

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
Benzene	ND	-	.125	ND	Q7V2697	93
Carbon tetrachloride	ND	-	.125	ND	Q7V2697	130
Chlorobenzene	ND	-	.125	ND	Q7V2697	100
Chloroform	ND	-	.125	ND	Q7V2697	87
1,4-Dichlorobenzene	ND	-	.125	ND	Q7V2697	91
1,2-Dichloroethane	ND	-	.125	ND	Q7V2697	102
1,1-Dichloroethylene	ND	-	.125	ND	Q7V2697	83
Methyl ethyl ketone	ND	-	.250	ND	Q7V2697	50
Tetrachloroethylene	ND	-	.125	ND	Q7V2697	99
Trichloroethylene	ND	-	.125	ND	Q7V2697	95
Vinyl chloride	ND	-	.125	ND	Q7V2697	87

- Surrogate recoveries which are outside of control limits were attributed to the sample matrix, this was confirmed by replicate analysis.

RCRA TCLP LEACHATE (ZHE) VOLATILE ANALYSIS, MS, (MV50)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	136	JK7377

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
Benzene	ND	-	.125	ND	Q7V2664	81
Carbon tetrachloride	ND	-	.125	ND	Q7V2664	87
Chlorobenzene	ND	-	.125	ND	Q7V2664	96
Chloroform	ND	-	.125	ND	Q7V2664	103
1,4-Dichlorobenzene	ND	-	.125	ND	Q7V2664	85
1,2-Dichloroethane	ND	-	.125	ND	Q7V2664	87
1,1-Dichloroethylene	ND	-	.125	ND	Q7V2664	96
Methyl ethyl ketone	ND	-	.250	ND	Q7V2664	73
Tetrachloroethylene	ND	-	.125	ND	Q7V2664	99
Trichloroethylene	ND	-	.125	ND	Q7V2664	102
Vinyl chloride	ND	-	.125	ND	Q7V2664	106

RCRA TCLP LEACHATE (ZHE) VOLATILE ANALYSIS, MS, (MV50)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	114	JK7378

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
Benzene	ND	-	.125	ND	Q7V2664	81
Carbon tetrachloride	ND	-	.125	ND	Q7V2664	87
Chlorobenzene	ND	-	.125	ND	Q7V2664	96
Chloroform	ND	-	.125	ND	Q7V2664	103
1,4-Dichlorobenzene	ND	-	.125	ND	Q7V2664	85
1,2-Dichloroethane	ND	-	.125	ND	Q7V2664	87
1,1-Dichloroethylene	ND	-	.125	ND	Q7V2664	96
Methyl ethyl ketone	ND	-	.250	ND	Q7V2664	73
Tetrachloroethylene	ND	-	.125	ND	Q7V2664	99
Trichloroethylene	ND	-	.125	ND	Q7V2664	102
Vinyl chloride	ND	-	.125	ND	Q7V2664	106

APPENDIX C

QUALITY ASSURANCE DATA

SUMMARY OF ANALYTICAL METHODOLOGY

Parameter	Reference	Method
Conventionals		
Ash	ASTM	D482-95
Cyanide, Total	CLP	335.2
BTU/lb	ASTM	D240-76
Asbestos	CAWW	600
RCRA Characteristics		
pH	SW-846	9041
Reactive Sulfide	SW-846	7.3.4.2
Flash Point, Seta Flash	SW-846	1020
Reactive Cyanide	SW-846	7.3.3.2
Organics		
Volatile Compounds by GC/MS	SW-846	8240
Semi-volatile Compounds by GC/MS	SW-846	8270
Polychlorinated Biphenyls (PCBs) by GC	SW-846	8080
RCRA TCLP		
Leachate Preparation	SW-846	1311
Herbicides by GC	SW-846	8150 (1)
Pesticides by GC	SW-846	8080
Metals (except mercury)	SW-846	6010
Mercury by Cold Vapor	SW-846	7470
Semi-volatile Compounds by GC/MS	SW-846	8270
Volatile Compounds by GC/MS	SW-846	8240

METHODOLOGY REFERENCES

ASTM	*American Society for Testing and Materials*, 1985, edition.
CAWW	*Methods for Chemical Analysis of Water and Wastes*, April 1979 and Updated #1 March 1983.
CLP	*USEPA Contract Laboratory Program*, Document #OLMO1.0, updates December 1990 #OLMO1.1 and February 1991 #OLMO1.1.1.
NIOSH	*National Institute for Occupational Safety and Health*, 3rd edition, 1984.
SMEWW	*Standard Methods for the Examination of Water and Wastewater*, 17th edition, 1989.
STOA	*Spot Tests In Organic Analysis*, 7th edition, 1966.
SW-846	*Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods*, 3rd edition, September 1986 and Updated #1 January 1989.
(1)	This method was modified to incorporate the use of Boron Trifluoride (BF3) as the derivatizing reagent according to Method 509B in *SMEWW*, 17th edition, 1989.
Title 22	*Waste Extraction Test*, Title 22, Section 66261.126 Appendix 2 of the California Administrative Code, May 1991.

NOTE: ASBESTOS

This analysis was performed by EPA Method 600/M4-82-020. Extrapolation of results to cover large areas should incorporate a random sampling scheme and agreement of multiple sample results. NVLAP accreditation does not imply government endorsed sample analysis. Percentages reported are based on visual estimation with a variance of 20 relative percent. If the asbestos content is less than 10% as determined by PLM--you have the option to verify the asbestos content by point counting using PLM or assuming the content to be correct.

The EPA has no approved test method for the identification of asbestos in floor tiles. Most of the vinyl floor tiles marketed in the late sixties to mid-seventies contained 8-30% asbestos. Much of this asbestos content was milled so fine as to be below the detection limits of current PLM techniques. The presence of any detectable asbestos by PLM is an indication the tile is ACM. The absence of detected asbestos (NAD) fibers by PLM is of itself inconclusive.

REPORT KEY

mg/kg	= milligram per kilogram (ppm)
Mg/m^3	= milligram per cubic meter
ug/kg	= microgram per kilogram (ppb)
mg/L	= milligram per liter (ppm)
mg/W	= milligram per wipe
ug/L	= microgram per liter (ppb)
ug/W	= microgram per wipe
ug/S	= microgram per sample
um/cm	= microMho per centimeter
pCi/l	= picocurie per liter
ppm	= parts per million
ppb	= parts per billion
ND	= Not detected at or above stated detection limit
<	= less than
>	= greater than
%	= percent
BTU/lb	= British Thermal Units per pound
Deg. C	= Degrees Celsius
gm/cc	= grams per cubic centimeter
n/a	= not applicable
std	= result is relative to standard pH units
CV	= Conventionals
IR	= Infrared Spectrophotometric
GC	= Gas Chromatograph Instrument
GC/MS	= Gas Chromatography/Mass Spectrometer Instrument
GRO	= Gasoline Range Organics
DRO	= Diesel Range Organics
PCB	= Polychlorinated Biphenyls (PCBs)
EP TOX	= Extraction Procedure Toxicity
TCLP	= Toxicity Characteristic Leaching Procedure
RCRA	= Resource Conservation and Recovery Act

ANALYTICAL SERVICES CORP.

Certifications

(for Conventionals, Metals and Organic compounds)

State	Agency	Certification #
Alabama	ADEM	40830
California	CADOH	1178
Colorado	CODOH	OH113
Delaware	DEHSS	OH113
Kansas	KSDHE	E-202 & E-1173
Louisiana	LADOHH	92-10
Maryland	MADHMH	210
Massachusetts	MADEP	OH113
New Jersey	NJDEP	74603
New York	NYDOH	10712
North Carolina	NCDEM	392
Ohio	OHEPA	OH113
Oklahoma	ODEQ	9216
Pennsylvania	PADER	68-450
South Carolina	SCDEH	92002
Tennessee	TNDOH	2978
Virginia	VADGS	00011
Wisconsin	WIDNR	999037160

Validated by:

- US Army Corps of Engineers

Approvals:

- Waste Characterization Analysis

  - Chemical Waste Management
  - Envirosafe

- Permit for Importing Soils

  - USDA

QUALITY ASSURANCE DATA

CONVENTIONAL DATA (CV10)

Compounds	Blank Results mg/kg	Blank Spike Recov	Unspiked Sample Results mg/kg	Matrix Spike Recov	Relative Percent Diff	Batch Number
Cyanide, Total	ND	93	4.33	127	1	Q2I1730

QUALITY ASSURANCE DATA

CONVENTIONAL DATA (CV10)

Compounds		Blank Results	Blank Spike Recov	Unspiked Sample Results	Matrix Spike Recov	Relative Percent Diff	Batch Number
Reactive Cyanide	mg/kg	ND	65	-	-	-	Q2I1743
Reactive Sulfide	mg/kg	ND	93	-	-	-	Q2I1758

QUALITY ASSURANCE DATA

CONVENTIONAL DATA (CV10)

Compounds		Blank Results	Blank Spike Recov	Unspiked Sample Results	Matrix Spike Recov	Relative Percent Diff	Batch Number
Reactive Cyanide	mg/L	ND	62	-	-	-	Q1I1737
Reactive Sulfide	mg/L	ND	93	-	-	-	Q1I1755

QUALITY ASSURANCE DATA

CONVENTIONAL DATA (CV10)

Compounds		Blank Results	Blank Spike Recov	Unspiked Sample Results	Matrix Spike Recov	Relative Percent Diff	Batch Number
Reactive Cyanide	mg/kg	ND	62	-	-	-	Q2I1736
Reactive Sulfide	mg/kg	ND	83	-	-	-	Q2I1751

QUALITY ASSURANCE DATA

CONVENTIONAL DATA (CV10)

Compounds		Blank Results	Blank Spike Recov	Unspiked Sample Results	Matrix Spike Recov	Relative Percent Diff	Batch Number
Reactive Cyanide	mg/kg	ND	62	-	-	-	Q2I1736
Reactive Sulfide	mg/kg	ND	93	-	-	-	Q2I1754

QUALITY ASSURANCE DATA

CONVENTIONAL DATA (CV10)

Compounds		Blank Results	Blank Spike Recov	Unspiked Sample Results	Matrix Spike Recov	Relative Percent Diff	Batch Number
Reactive Cyanide	mg/kg	ND	65	-	-	-	Q2I1746
Reactive Sulfide	mg/kg	ND	83	-	-	-	Q2I1751

QUALITY ASSURANCE DATA

CONVENTIONAL DATA (CV10)

Compounds		Blank Results	Blank Spike Recov	Unspiked Sample Results	Matrix Spike Recov	Relative Percent Diff	Batch Number
Reactive Cyanide	mg/kg	ND	66	-	-	-	Q4I1750
Reactive Sulfide	mg/kg	ND	93	-	-	-	Q4I1757

QUALITY ASSURANCE DATA

CONVENTIONAL DATA (CV10)

Compounds		Blank Results	Blank Spike Recov	Unspiked Sample Results	Matrix Spike Recov	Relative Percent Diff	Batch Number
Reactive Cyanide	mg/kg	ND	58	-	-	-	Q4I1762
Reactive Sulfide	mg/kg	ND	93	-	-	-	Q4I1757

QUALITY ASSURANCE DATA

CONVENTIONAL DATA (CV10)

Compounds		Blank Results	Blank Spike Recov	Unspiked Sample Results	Matrix Spike Recov	Relative Percent Diff	Batch Number
Reactive Cyanide	mg/kg	ND	66	-	-	-	Q4I1750
Reactive Sulfide	mg/kg	ND	79	-	-	-	Q2I1748

QUALITY ASSURANCE DATA

CONVENTIONAL DATA (CV10)

Compounds		Blank Results	Blank Spike Recov	Unspiked Sample Results	Matrix Spike Recov	Relative Percent Diff	Batch Number
Reactive Cyanide	mg/kg	ND	62	-	-	-	Q2I1736
Reactive Sulfide	mg/kg	ND	83	-	-	-	Q2I1742

QUALITY ASSURANCE DATA

CONVENTIONAL DATA (CV10)

Compounds		Blank Results	Blank Spike Recov	Unspiked Sample Results	Matrix Spike Recov	Relative Percent Diff	Batch Number
Reactive Cyanide	mg/kg	ND	92	-	-	-	Q4I1783
Reactive Sulfide	mg/kg	ND	83	-	-	-	Q4I1766

QUALITY ASSURANCE DATA

CONVENTIONAL DATA (CV10)

Compounds		Blank Results	Blank Spike Recov	Unspiked Sample Results	Matrix Spike Recov	Relative Percent Diff	Batch Number
Reactive Cyanide	mg/kg	ND	92	-	-	-	Q4I1783
Reactive Sulfide	mg/kg	ND	93	-	-	-	Q2I1774

QUALITY ASSURANCE DATA

CONVENTIONAL DATA (CV10)

Compounds		Blank Results	Blank Spike Recov	Unspiked Sample Results	Matrix Spike Recov	Relative Percent Diff	Batch Number
Reactive Cyanide	mg/kg	ND	66	-	-	-	Q2I1749
Reactive Sulfide	mg/kg	ND	83	-	-	-	Q2I1767

QUALITY ASSURANCE DATA

CONVENTIONAL DATA (CV10)

Compounds		Blank Results	Blank Spike Recov	Unspiked Sample Results	Matrix Spike Recov	Relative Percent Diff	Batch Number
Reactive Cyanide	mg/L	ND	65	-	-	-	Q1I1760
Reactive Sulfide	mg/L	ND	83	-	-	-	Q1I1768

QUALITY ASSURANCE DATA

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Compounds	Blank Results mg/kg	Blank Spike Recov	Unspiked Sample Results mg/kg	Matrix Spike Recov	Relative Percent Diff	Batch Number
Aroclor 1260	ND	97	-	-	-	Q4P7632

- Matrix spike recoveries are not available due to the dilution of the QC matrix spike sample extracts during analysis.

QUALITY ASSURANCE DATA

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Compounds	Blank Results mg/L	Blank Spike Recov	Unspiked Sample Results mg/L	Matrix Spike Recov	Relative Percent Diff	Batch Number
Aroclor 1248	ND	29	-	-	-	Q1P7642

- The original QC batch warranted reanalysis, however, insufficient sample remained for that purpose. The original data is reported.
- There was insufficient sample available to complete our standard matrix spike and matrix spike duplicate analyses.

QUALITY ASSURANCE DATA

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Compounds	Blank Results mg/kg	Blank Spike Recov	Unspiked Sample Results mg/kg	Matrix Spike Recov	Relative Percent Diff	Batch Number
Aroclor 1248	ND	117	ND	77	53	Q2P7691

- The RPD of replicate matrix spikes is not within two standard deviations of our data base average, indicating possible sample nonhomogeneity with respect to this analyte.

QUALITY ASSURANCE DATA

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Compounds	Blank Results mg/kg	Blank Spike Recov	Unspiked Sample Results mg/kg	Matrix Spike Recov	Relative Percent Diff	Batch Number
Aroclor 1248	ND	81	ND	52	93	Q2P7696

- The RPD of replicate matrix spikes is not within two standard deviations of our data base average, indicating possible sample nonhomogeneity with respect to this analyte.

QUALITY ASSURANCE DATA

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Compounds	Blank Results mg/L	Blank Spike Recov	Unspiked Sample Results mg/L	Matrix Spike Recov	Relative Percent Diff	Batch Number
Aroclor 1254	ND	50	-	-	-	Q1P7709

- There was insufficient sample available to complete our standard matrix spike and matrix spike duplicate analyses.

QUALITY ASSURANCE DATA

TOTAL BASE/NEUTRAL/ACID ANALYSIS, MS, (MS02)

Compounds	Blank Results mg/L	Blank Spike Recov	Unspiked Sample Results mg/L	Matrix Spike Recov	Relative Percent Diff	Batch Number
Acenaphthene	ND	68	-	-	-	Q1C7650
p-Chloro-m-cresol	ND	62	-	-	-	Q1C7650
2-Chlorophenol	ND	63	-	-	-	Q1C7650
Cyclohexanone	ND	71	-	-	-	Q1C7650
Di-n-butyl phthalate	ND	77	-	-	-	Q1C7650
1,4-Dichlorobenzene	ND	42	-	-	-	Q1C7650
2,4-Dinitrotoluene	ND	78	-	-	-	Q1C7650
2-Methylphenol	ND	66	-	-	-	Q1C7650
N-Nitrosodi-n-propylamine	ND	60	-	-	-	Q1C7650
4-Nitrophenol	ND	67	-	-	-	Q1C7650
Pentachlorophenol	ND	83	-	-	-	Q1C7650
Phenol	ND	64	-	-	-	Q1C7650
Pyrene	ND	83	-	-	-	Q1C7650
1,2,4-Trichlorobenzene	ND	58	-	-	-	Q1C7650

3-Methyl- and 4-Methylphenol coelute and are reported as the total

- Matrix spike recoveries are not available due to the dilution of the QC matrix spike sample extracts during analysis.

QUALITY ASSURANCE DATA

TOTAL BASE/NEUTRAL/ACID ANALYSIS, MS, (MS02)

Compounds	Blank Results mg/kg	Blank Spike Recov	Unspiked Sample Results mg/kg	Matrix Spike Recov	Relative Percent Diff	Batch Number
Acenaphthene	ND	79	ND	85	16	Q2C7666
p-Chloro-m-cresol	ND	80	ND	88	16	Q2C7666
2-Chlorophenol	ND	80	ND	89	12	Q2C7666
Cyclohexanone	ND	76	ND	82	1	Q2C7666
Di-n-butyl phthalate	ND	90	ND	76	18	Q2C7666
1,4-Dichlorobenzene	ND	72	ND	78	6	Q2C7666
2,4-Dinitrotoluene	ND	85	ND	54	11	Q2C7666
2-Methylphenol	ND	67	ND	79	12	Q2C7666
N-Nitrosodi-n-propylamine	ND	78	ND	85	9	Q2C7666
4-Nitrophenol	ND	82	ND	72	18	Q2C7666
Pentachlorophenol	ND	90	ND	-	11	Q2C7666
Phenol	ND	80	ND	85	12	Q2C7666
Pyrene	ND	84	.932	54	59	Q2C7666
1,2,4-Trichlorobenzene	ND	80	ND	101	11	Q2C7666

3-Methyl- and 4-Methylphenol coelute and are reported as the total

- Pentachlorophenol: Variable QC matrix spike recoveries were attributed to sample matrix interference.

Quality Assurance Data

Total Base/Neutral/Acid Analysis, MS, (MS02)

Compounds	Blank Results mg/kg	Blank Spike Recov	Unspiked Sample Results mg/kg	Matrix Spike Recov	Relative Percent Diff	Batch Number
Acenaphthene	ND	67	-	-	-	Q4C7634
p-Chloro-m-cresol	ND	70	-	-	-	Q4C7634
2-Chlorophenol	ND	72	-	-	-	Q4C7634
Cyclohexanone	ND	68	-	-	-	Q4C7634
Di-n-butyl phthalate	ND	72	-	-	-	Q4C7634
1,4-Dichlorobenzene	ND	70	-	-	-	Q4C7634
2,4-Dinitrotoluene	ND	66	-	-	-	Q4C7634
2-Methylphenol	ND	70	-	-	-	Q4C7634
N-Nitrosodi-n-propylamine	ND	79	-	-	-	Q4C7634
4-Nitrophenol	ND	57	-	-	-	Q4C7634
Pentachlorophenol	ND	55	-	-	-	Q4C7634
Phenol	ND	71	-	-	-	Q4C7634
Pyrene	ND	71	-	-	-	Q4C7634
1,2,4-Trichlorobenzene	ND	72	-	-	-	Q4C7634

3-Methyl- and 4-Methylphenol coelute and are reported as the total

- Surrogate recoveries which are outside of control limits were attributed to dilution of extract during analysis.
- These reporting limits are higher than usual due to matrix interferences.
- Matrix spike recoveries are not available due to the dilution of the QC matrix spike sample extracts during analysis.

Quality Assurance Data

Total Volatile Analysis, MS, (MV00)

Compounds	Blank Results mg/kg	Blank Spike Recov	Unspiked Sample Results mg/kg	Matrix Spike Recov	Relative Percent Diff	Batch Number
Acetone	ND	63	ND	59	3	Q4V2686
Acrolein	ND	122	ND	108	4	Q4V2686
Acrylonitrile	ND	107	ND	96	1	Q4V2686
Benzene	ND	103	ND	101	3	Q4V2686
Bromoform	ND	108	ND	98	2	Q4V2686
Carbon disulfide	ND	105	ND	100	5	Q4V2686
Carbon tetrachloride	ND	95	ND	94	2	Q4V2686
Chlorobenzene	ND	103	ND	104	1	Q4V2686
Chlorodibromomethane	ND	102	ND	97	1	Q4V2686
Chloroethane	ND	98	ND	86	4	Q4V2686
Chloroform	ND	104	ND	101	1	Q4V2686
2-Chloroethylvinyl ether	ND	109	ND	94	1	Q4V2686
3-Chloropropene	ND	124	ND	120	7	Q4V2686
1,2-Dibromo-3-chloropropane	ND	116	ND	97	1	Q4V2686
Dichlorobromomethane	ND	100	ND	98	1	Q4V2686
Dichlorodifluoromethane	ND	101	ND	102	0	Q4V2686
1,1-Dichloroethane	ND	106	ND	103	1	Q4V2686
1,2-Dichloroethane	ND	101	ND	99	1	Q4V2686
1,1-Dichloroethylene	ND	105	ND	99	5	Q4V2686
1,2-Dichloropropane	ND	105	ND	104	2	Q4V2686
cis-1,3-Dichloropropylene	ND	104	ND	100	1	Q4V2686
trans-1,3-Dichloropropylene	ND	105	ND	100	2	Q4V2686
Dibromomethane	ND	104	ND	101	2	Q4V2686
Ethylbenzene	ND	103	ND	107	2	Q4V2686
Ethylene dibromide	ND	106	ND	99	2	Q4V2686
Ethyl acetate	ND	106	ND	88	3	Q4V2686
Ethyl ether	ND	102	ND	99	3	Q4V2686
2-Hexanone	ND	71	ND	60	1	Q4V2686
Iodomethane	ND	108	ND	105	1	Q4V2686
Methyl bromide	ND	104	ND	100	1	Q4V2686
Methyl chloride	ND	100	ND	104	2	Q4V2686
Methylene chloride	ND	105	ND	100	2	Q4V2686
Methyl ethyl ketone	ND	77	ND	68	2	Q4V2686
Methyl-iso-butyl ketone	ND	105	ND	94	6	Q4V2686
Styrene	ND	106	ND	105	1	Q4V2686
1,1,1,2-Tetrachloroethane	ND	103	ND	103	1	Q4V2686
1,1,2,2-Tetrachloroethane	ND	111	ND	96	1	Q4V2686
Tetrachloroethylene	ND	102	ND	101	1	Q4V2686
Tetrahydrofuran	ND	113	ND	98	8	Q4V2686
Toluene	ND	104	84.3	114	2	Q4V2686
1,1,1-Trichloroethane	ND	103	ND	100	1	Q4V2686
1,1,2-Trichloroethane	ND	104	ND	99	1	Q4V2686
Trichloroethylene	ND	104	ND	112	6	Q4V2686
1,2-Trans-dichloroethylene	ND	104	ND	105	1	Q4V2686
Trichlorofluoromethane	ND	102	ND	99	2	Q4V2686
1,2,3-Trichloropropane	ND	110	ND	98	2	Q4V2686
1,1,2-Trichlorotrifluoroethane	ND	106	ND	105	1	Q4V2686
Vinyl acetate	ND	125	ND	106	9	Q4V2686
Vinyl chloride	ND	103	ND	103	1	Q4V2686
Xylenes	ND	104	ND	111	1	Q4V2686

QUALITY ASSURANCE DATA

TOTAL VOLATILE ANALYSIS, MS, (MV00)

Compounds	Blank Results mg/kg	Blank Spike Recov	Unspiked Sample Results mg/kg	Matrix Spike Recov	Relative Percent Diff	Batch Number
Acetone	ND	119	.011	72	4	Q2D2671
Acrolein	ND	115	ND	118	10	Q2D2671
Acrylonitrile	ND	109	ND	111	15	Q2D2671
Benzene	ND	95	ND	98	1	Q2D2671
Bromoform	ND	103	ND	87	8	Q2D2671
Carbon disulfide	ND	93	ND	93	1	Q2D2671
Carbon tetrachloride	ND	94	ND	86	4	Q2D2671
Chlorobenzene	ND	98	ND	95	2	Q2D2671
Chlorodibromomethane	ND	100	ND	103	3	Q2D2671
Chloroethane	ND	91	ND	102	1	Q2D2671
Chloroform	ND	100	ND	105	2	Q2D2671
2-Chloroethylvinyl ether	ND	96	ND	92	14	Q2D2671
3-Chloropropene	ND	106	ND	112	1	Q2D2671
1,2-Dibromo-3-chloropropane	ND	103	ND	112	6	Q2D2671
Dichlorobromomethane	ND	101	ND	100	1	Q2D2671
Dichlorodifluoromethane	ND	98	ND	102	3	Q2D2671
1,1-Dichloroethane	ND	100	ND	105	3	Q2D2671
1,2-Dichloroethane	ND	104	ND	102	3	Q2D2671
1,1-Dichloroethylene	ND	97	ND	104	2	Q2D2671
1,2-Dichloropropane	ND	105	ND	101	1	Q2D2671
cis-1,3-Dichloropropylene	ND	102	ND	96	3	Q2D2671
trans-1,3-Dichloropropylene	ND	105	ND	93	7	Q2D2671
Dibromomethane	ND	106	ND	105	4	Q2D2671
Ethylbenzene	ND	100	ND	88	2	Q2D2671
Ethylene dibromide	ND	105	ND	94	9	Q2D2671
Ethyl acetate	ND	101	ND	100	17	Q2D2671
Ethyl ether	ND	101	ND	109	5	Q2D2671
2-Hexanone	ND	120	ND	97	15	Q2D2671
Iodomethane	ND	99	ND	107	4	Q2D2671
Methyl bromide	ND	97	ND	110	3	Q2D2671
Methyl chloride	ND	96	ND	89	13	Q2D2671
Methylene chloride	ND	97	ND	102	5	Q2D2671
Methyl ethyl ketone	ND	119	ND	80	10	Q2D2671
Methyl-iso-butyl ketone	ND	112	ND	107	14	Q2D2671
Styrene	ND	100	ND	88	2	Q2D2671
1,1,1,2-Tetrachloroethane	ND	97	ND	100	3	Q2D2671
1,1,2,2-Tetrachloroethane	ND	103	ND	173	1	Q2D2671
Tetrachloroethylene	ND	99	ND	87	1	Q2D2671
Tetrahydrofuran	ND	111	ND	117	13	Q2D2671
Toluene	ND	102	ND	85	1	Q2D2671
1,1,1-Trichloroethane	ND	99	ND	102	1	Q2D2671
1,1,2-Trichloroethane	ND	106	ND	99	5	Q2D2671
Trichloroethylene	ND	101	ND	95	2	Q2D2671
1,2-Trans-dichloroethylene	ND	98	ND	103	1	Q2D2671
Trichlorofluoromethane	ND	100	ND	102	2	Q2D2671
1,2,3-Trichloropropane	ND	105	ND	182	1	Q2D2671
1,1,2-Trichlorotrifluoroethane	ND	100	ND	97	3	Q2D2671
Vinyl acetate	ND	99	ND	112	10	Q2D2671
Vinyl chloride	ND	97	ND	102	2	Q2D2671
Xylenes	ND	100	ND	87	1	Q2D2671

- Variable QC matrix spike recoveries were attributed to sample matrix interference.

QUALITY ASSURANCE DATA

TOTAL VOLATILE ANALYSIS, MS, (MV00)

Compounds	Blank Results mg/L	Blank Spike Recov	Unspiked Sample Results mg/L	Matrix Spike Recov	Relative Percent Diff	Batch Number
Acetone	ND	101	ND	51	19	Q1V2683
Acrolein	ND	132	ND	179	6	Q1V2683
Acrylonitrile	ND	93	ND	97	12	Q1V2683
Benzene	ND	85	ND	85	2	Q1V2683
Bromoform	ND	92	ND	92	8	Q1V2683
Carbon disulfide	ND	98	ND	91	7	Q1V2683
Carbon tetrachloride	ND	98	ND	97	3	Q1V2683
Chlorobenzene	ND	99	ND	95	3	Q1V2683
Chlorodibromomethane	ND	94	ND	91	7	Q1V2683
Chloroethane	ND	95	ND	92	8	Q1V2683
Chloroform	ND	97	ND	96	7	Q1V2683
2-Chloroethylvinyl ether	ND	88	ND	-	-	Q1V2683
3-Chloropropene	ND	112	ND	116	2	Q1V2683
1,2-Dibromo-3-chloropropane	ND	100	ND	101	8	Q1V2683
Dichlorobromomethane	ND	97	ND	96	5	Q1V2683
Dichlorodifluoromethane	ND	101	ND	100	6	Q1V2683
1,1-Dichloroethane	ND	98	ND	96	8	Q1V2683
1,2-Dichloroethane	ND	86	ND	87	4	Q1V2683
1,1-Dichloroethylene	ND	98	ND	97	8	Q1V2683
1,2-Dichloropropane	ND	99	ND	97	6	Q1V2683
cis-1,3-Dichloropropylene	ND	98	ND	95	5	Q1V2683
trans-1,3-Dichloropropylene	ND	96	ND	95	6	Q1V2683
Dibromomethane	ND	97	ND	101	4	Q1V2683
Ethylbenzene	ND	100	ND	96	4	Q1V2683
Ethylene dibromide	ND	92	ND	96	3	Q1V2683
Ethyl acetate	ND	89	ND	89	13	Q1V2683
Ethyl ether	ND	97	ND	99	6	Q1V2683
2-Hexanone	ND	97	ND	63	2	Q1V2683
Iodomethane	ND	98	ND	97	9	Q1V2683
Methyl bromide	ND	98	ND	95	10	Q1V2683
Methyl chloride	ND	90	ND	88	4	Q1V2683
Methylene chloride	ND	98	ND	99	8	Q1V2683
Methyl ethyl ketone	ND	91	ND	59	10	Q1V2683
Methyl-iso-butyl ketone	ND	94	ND	93	9	Q1V2683
Styrene	ND	97	ND	90	4	Q1V2683
1,1,1,2-Tetrachloroethane	ND	97	ND	95	5	Q1V2683
1,1,2,2-Tetrachloroethane	ND	100	ND	101	5	Q1V2683
Tetrachloroethylene	ND	97	ND	95	2	Q1V2683
Tetrahydrofuran	ND	98	.021	107	13	Q1V2683
Toluene	ND	99	ND	96	4	Q1V2683
1,1,1-Trichloroethane	ND	96	ND	95	8	Q1V2683
1,1,2-Trichloroethane	ND	94	ND	96	7	Q1V2683
Trichloroethylene	ND	101	ND	97	4	Q1V2683
1,2-Trans-dichloroethylene	ND	96	ND	93	7	Q1V2683
Trichlorofluoromethane	ND	100	ND	98	7	Q1V2683
1,2,3-Trichloropropane	ND	103	ND	104	7	Q1V2683
1,1,2-Trichlorotrifluoroethane	ND	104	ND	95	4	Q1V2683
Vinyl acetate	ND	101	ND	102	11	Q1V2683
Vinyl chloride	ND	98	ND	97	7	Q1V2683
Xylenes	ND	99	ND	98	2	Q1V2683

- Due to apparent interactions between the spiked compound and sample components, no matrix spike recoveries were observed for the parameters designated with a dash.

QUALITY ASSURANCE DATA

TOTAL VOLATILE ANALYSIS, MS, (MV00)

Compounds	Blank Results mg/kg	Blank Spike Recov	Unspiked Sample Results mg/kg	Matrix Spike Recov	Relative Percent Diff	Batch Number
Acetone	ND	96	ND	67	12	Q2V2693
Acrolein	ND	87	ND	62	46	Q2V2693
Acrylonitrile	ND	97	ND	93	4	Q2V2693
Benzene	ND	96	ND	98	2	Q2V2693
Bromoform	ND	97	ND	96	2	Q2V2693
Carbon disulfide	ND	96	ND	101	4	Q2V2693
Carbon tetrachloride	ND	97	ND	103	2	Q2V2693
Chlorobenzene	ND	99	ND	101	1	Q2V2693
Chlorodibromomethane	ND	97	ND	97	2	Q2V2693
Chloroethane	ND	93	ND	83	6	Q2V2693
Chloroform	ND	99	ND	102	1	Q2V2693
2-Chloroethylvinyl ether	ND	99	ND	100	4	Q2V2693
3-Chloropropene	ND	98	ND	100	5	Q2V2693
1,2-Dibromo-3-chloropropane	ND	95	ND	93	1	Q2V2693
Dichlorobromomethane	ND	95	ND	97	2	Q2V2693
Dichlorodifluoromethane	ND	98	ND	98	2	Q2V2693
1,1-Dichloroethane	ND	98	ND	101	2	Q2V2693
1,2-Dichloroethane	ND	97	ND	99	3	Q2V2693
1,1-Dichloroethylene	ND	98	ND	103	7	Q2V2693
1,2-Dichloropropane	ND	98	ND	98	2	Q2V2693
cis-1,3-Dichloropropylene	ND	93	ND	98	1	Q2V2693
trans-1,3-Dichloropropylene	ND	93	ND	96	1	Q2V2693
Dibromomethane	ND	97	ND	98	3	Q2V2693
Ethylbenzene	ND	101	ND	102	1	Q2V2693
Ethylene dibromide	ND	96	ND	95	1	Q2V2693
Ethyl acetate	ND	90	ND	90	2	Q2V2693
Ethyl ether	ND	98	ND	97	1	Q2V2693
2-Hexanone	ND	102	ND	70	2	Q2V2693
Iodomethane	ND	99	ND	103	3	Q2V2693
Methyl bromide	ND	96	ND	96	1	Q2V2693
Methyl chloride	ND	93	ND	101	1	Q2V2693
Methylene chloride	ND	96	33.9	91	1	Q2V2693
Methyl ethyl ketone	ND	100	ND	76	6	Q2V2693
Methyl-iso-butyl ketone	ND	97	ND	88	1	Q2V2693
Styrene	ND	99	ND	102	1	Q2V2693
1,1,1,2-Tetrachloroethane	ND	97	ND	99	3	Q2V2693
1,1,2,2-Tetrachloroethane	ND	93	ND	95	1	Q2V2693
Tetrachloroethylene	ND	99	ND	100	2	Q2V2693
Tetrahydrofuran	ND	99	ND	95	1	Q2V2693
Toluene	ND	98	ND	99	1	Q2V2693
1,1,1-Trichloroethane	ND	97	88.9	106	3	Q2V2693
1,1,2-Trichloroethane	ND	96	ND	96	2	Q2V2693
Trichloroethylene	ND	96	ND	98	2	Q2V2693
1,2-Trans-dichloroethylene	ND	97	ND	103	4	Q2V2693
Trichlorofluoromethane	ND	98	ND	100	2	Q2V2693
1,2,3-Trichloropropane	ND	100	ND	100	1	Q2V2693
1,1,2-Trichlorotrifluoroethane	ND	100	ND	101	3	Q2V2693
Vinyl acetate	ND	85	ND	97	4	Q2V2693
Vinyl chloride	ND	98	ND	102	5	Q2V2693
Xylenes	ND	99	ND	100	1	Q2V2693

Quality Assurance Data

RCRA TCLP Leachate Herbicide Analysis, GC, (GS52)

Compounds	Blank Results mg/L	Blank Spike Recov	Unspiked Sample Results mg/L	Matrix Spike Recov	Relative Percent Diff	Batch Number
2,4-D	ND	87	ND	94	3	Q7H7640
2,4,5-TP (Silvex)	ND	97	ND	102	4	Q7H7640

Quality Assurance Data

RCRA TCLP Leachate Herbicide Analysis, GC, (GS52)

Compounds	Blank Results mg/L	Blank Spike Recov	Unspiked Sample Results mg/L	Matrix Spike Recov	Relative Percent Diff	Batch Number
2,4-D	ND	78	ND	81	25	Q7H7688
2,4,5-TP (Silvex)	ND	92	ND	86	41	Q7H7688

QUALITY ASSURANCE DATA

RCRA TCLP LEACHATE PESTICIDE ANALYSIS, GC, (GS54)

Compounds	Blank Results mg/L	Blank Spike Recov	Unspiked Sample Results mg/L	Matrix Spike Recov	Relative Percent Diff	Batch Number
Chlordane	ND	122	ND	75	5	Q7P7645
Endrin	ND	125	ND	112	5	Q7P7645
Heptachlor	ND	109	ND	142	10	Q7P7645
Heptachlor epoxide	ND	112	ND	103	6	Q7P7645
Toxaphene	ND	-	ND	411	-	Q7P7645

- Variable QC matrix spike recoveries were attributed to sample matrix interference.

QUALITY ASSURANCE DATA

RCRA TCLP LEACHATE PESTICIDE ANALYSIS, GC, (GS54)

Compounds	Blank Results mg/L	Blank Spike Recov	Unspiked Sample Results mg/L	Matrix Spike Recov	Relative Percent Diff	Batch Number
Chlordane	ND	104	ND	107	6	Q7P7698
Endrin	ND	115	ND	125	8	Q7P7698
Heptachlor	ND	78	ND	80	26	Q7P7698
Heptachlor epoxide	ND	95	ND	110	12	Q7P7698
Toxaphene	ND	-	ND	96	-	Q7P7698

QUALITY ASSURANCE DATA

RCRA TCLP LEACHATE METALS ANALYSIS, (ME52)

Compounds	Blank Results mg/L	Blank Spike Recov	Unspiked Sample Results mg/L	Matrix Spike Recov	Relative Percent Diff	Batch Number
Arsenic	ND	89	ND	109	1	Q7M2725
Barium	ND	92	ND	101	3	Q7M2725
Cadmium	ND	95	.291	126	5	Q7M2725
Chromium	ND	95	ND	112	4	Q7M2725
Lead	ND	93	277	-	7	Q7M2725
Mercury	ND	99	ND	111	9	Q7G2719
Selenium	ND	93	ND	124	4	Q7M2725
Silver	ND	80	ND	54	8	Q7M2725

- The low QC matrix spike recoveries were attributed to the dilution of the sample before analysis which caused the concentrations for the spiked compounds to be below the sample detection limits.
- Because the analyte was present in the unspiked sample at a high level, the spiked sample does not provide valid spike recovery data.

QUALITY ASSURANCE DATA

RCRA TCLP LEACHATE COMBINED MULTIPHASIC METALS ANALYSIS, (ME59)

Compounds	Blank Results mg/L	Blank Spike Recov	Unspiked Sample Results mg/L	Matrix Spike Recov	Relative Percent Diff	Batch Number
Arsenic	ND	103	ND	99	1	Q7M2738R
Barium	ND	100	475	-	7	Q7M2738R
Cadmium	ND	102	ND	88	1	Q7M2738R
Chromium	ND	101	ND	89	2	Q7M2738R
Lead	ND	100	31.0	72	6	Q7M2738R
Mercury	ND	97	ND	102	4	Q7G2747
Selenium	ND	99	ND	100	1	Q7M2738R
Silver	ND	86	ND	78	4	Q7M2738R

- Because the analyte was present in the unspiked sample at a high level, the spiked sample does not provide valid spike recovery data.

QUALITY ASSURANCE DATA

RCRA TCLP LEACHATE METALS ANALYSIS, (ME52)

Compounds	Blank Results mg/L	Blank Spike Recov	Unspiked Sample Results mg/L	Matrix Spike Recov	Relative Percent Diff	Batch Number
Arsenic	ND	84	ND	84	3	Q7M2714
Barium	ND	94	.127	88	2	Q7M2714
Cadmium	ND	101	ND	99	2	Q7M2714
Chromium	ND	97	ND	93	2	Q7M2714
Lead	ND	99	.174	94	3	Q7M2714
Mercury	ND	99	ND	111	9	Q7G2719
Selenium	ND	97	ND	99	2	Q7M2714
Silver	ND	81	ND	66	1	Q7M2714

- Low QC matrix spike recoveries were observed for this particular analysis, batch acceptance is based on QC spike recovery results.

QUALITY ASSURANCE DATA

RCRA TCLP LEACHATE METALS ANALYSIS, (ME52)

Compounds	Blank Results mg/L	Blank Spike Recov	Unspiked Sample Results mg/L	Matrix Spike Recov	Relative Percent Diff	Batch Number
Arsenic	ND	89	ND	79	9	Q7M2731
Barium	ND	92	ND	86	4	Q7M2731
Cadmium	ND	87	ND	76	12	Q7M2731
Chromium	ND	90	ND	38	6	Q7M2731
Lead	ND	84	ND	78	6	Q7M2731
Mercury	ND	94	ND	113	16	Q7G2720
Selenium	ND	90	ND	87	7	Q7M2731
Silver	ND	89	ND	73	7	Q7M2731

- Low QC matrix spike recoveries were observed for this particular analysis, batch acceptance is based on QC spike recovery results.

QUALITY ASSURANCE DATA

RCRA TCLP LEACHATE METALS ANALYSIS, (ME52)

Compounds	Blank Results mg/L	Blank Spike Recov	Unspiked Sample Results mg/L	Matrix Spike Recov	Relative Percent Diff	Batch Number
Arsenic	ND	89	ND	109	1	Q7M2725
Barium	ND	92	ND	101	3	Q7M2725
Cadmium	ND	95	.291	126	5	Q7M2725
Chromium	ND	95	ND	112	4	Q7M2725
Lead	ND	93	277	-	7	Q7M2725
Mercury	ND	94	ND	113	16	Q7G2720
Selenium	ND	93	ND	124	4	Q7M2725
Silver	ND	80	ND	54	8	Q7M2725

- The low QC matrix spike recoveries were attributed to the dilution of the sample before analysis which caused the concentrations for the spiked compounds to be below the sample detection limits.
- Because the analyte was present in the unspiked sample at a high level, the spiked sample does not provide valid spike recovery data.

QUALITY ASSURANCE DATA

RCRA TCLP LEACHATE METALS ANALYSIS, (ME52)

Compounds	Blank Results mg/L	Blank Spike Recov	Unspiked Sample Results mg/L	Matrix Spike Recov	Relative Percent Diff	Batch Number
Arsenic	ND	84	ND	84	3	Q7M2714
Barium	ND	94	.127	88	2	Q7M2714
Cadmium	ND	101	ND	99	2	Q7M2714
Chromium	ND	97	ND	93	2	Q7M2714
Lead	ND	99	.174	94	3	Q7M2714
Mercury	ND	97	ND	102	4	Q7G2747
Selenium	ND	97	ND	99	2	Q7M2714
Silver	ND	81	ND	66	1	Q7M2714

- Low QC matrix spike recoveries were observed for this particular analysis, batch acceptance is based on QC spike recovery results.

QUALITY ASSURANCE DATA

RCRA TCLP LEACHATE METALS ANALYSIS, (ME52)

Compounds	Blank Results mg/L	Blank Spike Recov	Unspiked Sample Results mg/L	Matrix Spike Recov	Relative Percent Diff	Batch Number
Arsenic	ND	103	ND	99	1	Q7M2738R
Barium	ND	100	475	-	7	Q7M2738R
Cadmium	ND	102	ND	88	1	Q7M2738R
Chromium	ND	101	ND	89	2	Q7M2738R
Lead	ND	100	31.0	72	6	Q7M2738R
Mercury	ND	97	ND	102	4	Q7G2747
Selenium	ND	99	ND	100	1	Q7M2738R
Silver	ND	86	ND	78	4	Q7M2738R

- Low QC matrix spike recoveries were observed for this particular analysis, batch acceptance is based on QC spike recovery results.
- Because the analyte was present in the unspiked sample at a high level, the spiked sample does not provide valid spike recovery data.

QUALITY ASSURANCE DATA

RCRA TCLP LEACHATE BASE/NEUTRAL/ACID ANALYSIS, MS, (MS52)

Compounds	Blank Results mg/L	Blank Spike Recov	Unspiked Sample Results mg/L	Matrix Spike Recov	Relative Percent Diff	Batch Number
2,4-Dinitrotoluene	ND	80	ND	118	26	Q7C7648
Hexachlorobenzene	ND	121	ND	91	7	Q7C7648
Hexachloroethane	ND	71	ND	-	-	Q7C7648
Hexachlorobutadiene	ND	101	ND	19	21	Q7C7648
Lindane	ND	110	ND	101	4	Q7C7648
Methoxychlor	ND	77	ND	51	12	Q7C7648
2-Methylphenol	ND	91	ND	-	-	Q7C7648
4-Methylphenol	ND	80	.379	-	-	Q7C7648
Nitrobenzene	ND	86	ND	102	10	Q7C7648
Pentachlorophenol	ND	99	ND	163	4	Q7C7648
Pyridine	ND	60	ND	34	46	Q7C7648
2,4,5-Trichlorophenol	ND	98	ND	64	6	Q7C7648
2,4,6-Trichlorophenol	ND	94	ND	-	-	Q7C7648

3-Methyl- and 4-Methylphenol coelute and are reported as the total

- Variable results confirmed by replicate analysis.
- Variable QC matrix spike recoveries were attributed to sample matrix interference.
- Surrogate recoveries which are outside of control limits were attributed to the sample matrix, this was confirmed by replicate analysis.

QUALITY ASSURANCE DATA

RCRA TCLP LEACHATE BASE/NEUTRAL/ACID ANALYSIS, MS, (MS52)

Compounds	Blank Results mg/L	Blank Spike Recov	Unspiked Sample Results mg/L	Matrix Spike Recov	Relative Percent Diff	Batch Number
2,4-Dinitrotoluene	ND	82	ND	84	11	Q7C7699
Hexachlorobenzene	ND	117	ND	71	28	Q7C7699
Hexachloroethane	ND	59	ND	44	2	Q7C7699
Hexachlorobutadiene	ND	72	ND	34	2	Q7C7699
Lindane	ND	109	ND	106	10	Q7C7699
Methoxychlor	ND	86	ND	74	2	Q7C7699
2-Methylphenol	ND	99	ND	98	9	Q7C7699
4-Methylphenol	ND	85	ND	84	9	Q7C7699
Nitrobenzene	ND	89	ND	89	11	Q7C7699
Pentachlorophenol	ND	94	ND	100	9	Q7C7699
Pyridine	ND	80	ND	73	11	Q7C7699
2,4,5-Trichlorophenol	ND	97	ND	99	10	Q7C7699
2,4,6-Trichlorophenol	ND	94	ND	97	10	Q7C7699

3-Methyl- and 4-Methylphenol coelute and are reported as the total

QUALITY ASSURANCE DATA

RCRA TCLP LEACHATE (ORGANIC PHASE) BNA ANALYSIS, MS, (MS92)

Compounds	Blank Results mg/L	Blank Spike Recov	Unspiked Sample Results mg/L	Matrix Spike Recov	Relative Percent Diff	Batch Number
2,4-Dinitrotoluene	ND	56	ND	-	-	Q4C7704
Hexachlorobenzene	ND	97	ND	-	-	Q4C7704
Hexachloroethane	ND	85	ND	85	-	Q4C7704
Hexachlorobutadiene	ND	91	ND	101	-	Q4C7704
2-Methylphenol	ND	97	ND	104	-	Q4C7704
4-Methylphenol	ND	99	ND	113	-	Q4C7704
Nitrobenzene	ND	91	ND	94	-	Q4C7704
Pentachlorophenol	ND	70	ND	-	-	Q4C7704
Pyridine	ND	93	ND	79	-	Q4C7704
2,4,5-Trichlorophenol	ND	99	ND	105	-	Q4C7704
2,4,6-Trichlorophenol	ND	96	ND	100	-	Q4C7704

- Surrogate recoveries which are outside of control limits were attributed to dilution of extract during analysis.
- Matrix spike recoveries are not available due to the dilution of the QC matrix spike sample extracts during analysis.

QUALITY ASSURANCE DATA

RCRA TCLP LEACHATE BASE/NEUTRAL/ACID ANALYSIS, MS, (MS52)

Compounds	Blank Results mg/L	Blank Spike Recov	Unspiked Sample Results mg/L	Matrix Spike Recov	Relative Percent Diff	Batch Number
2,4-Dinitrotoluene	ND	66	ND	71	6	Q7C7751
Hexachlorobenzene	ND	118	ND	104	10	Q7C7751
Hexachloroethane	ND	79	ND	42	1	Q7C7751
Hexachlorobutadiene	ND	99	ND	52	3	Q7C7751
Lindane	ND	103	ND	101	2	Q7C7751
Methoxychlor	ND	92	ND	88	3	Q7C7751
2-Methylphenol	ND	102	ND	102	4	Q7C7751
4-Methylphenol	ND	97	ND	97	3	Q7C7751
Nitrobenzene	ND	91	ND	87	5	Q7C7751
Pentachlorophenol	ND	113	ND	120	1	Q7C7751
Pyridine	ND	65	ND	69	8	Q7C7751
2,4,5-Trichlorophenol	ND	103	ND	106	7	Q7C7751
2,4,6-Trichlorophenol	ND	101	ND	104	6	Q7C7751

3-Methyl- and 4-Methylphenol coelute and are reported as the total

QUALITY ASSURANCE DATA

RCRA TCLP LEACHATE COMBINED MULTIPHASIC SVA ANALYSIS, MS, (MS83)

Compounds	Blank Results mg/L	Blank Spike Recov	Unspiked Sample Results mg/L	Matrix Spike Recov	Relative Percent Diff	Batch Number
2,4-Dinitrotoluene	ND	59	ND	67	3	Q7C7799
Hexachlorobenzene	ND	103	ND	94	3	Q7C7799
Hexachloroethane	ND	62	ND	47	9	Q7C7799
Hexachlorobutadiene	ND	79	ND	52	3	Q7C7799
2-Methylphenol	ND	78	ND	79	8	Q7C7799
4-Methylphenol	ND	83	ND	84	8	Q7C7799
Nitrobenzene	ND	83	ND	78	9	Q7C7799
Pentachlorophenol	ND	87	ND	96	3	Q7C7799
Pyridine	ND	62	ND	61	10	Q7C7799
2,4,5-Trichlorophenol	ND	84	ND	93	2	Q7C7799
2,4,6-Trichlorophenol	ND	83	ND	87	1	Q7C7799

Quality Assurance Data

RCRA TCLP Leachate (ZHE) Volatile Analysis, MS, (MV50)

Compounds	Blank Results mg/L	Blank Spike Recov	Unspiked Sample Results mg/L	Matrix Spike Recov	Relative Percent Diff	Batch Number
Benzene	ND	92	.134	92	2	Q7V2672
Carbon tetrachloride	ND	82	ND	80	2	Q7V2672
Chlorobenzene	ND	91	ND	92	3	Q7V2672
Chloroform	ND	101	ND	98	3	Q7V2672
1,4-Dichlorobenzene	ND	86	ND	88	1	Q7V2672
1,2-Dichloroethane	ND	98	ND	103	1	Q7V2672
1,1-Dichloroethylene	ND	89	ND	87	2	Q7V2672
Methyl ethyl ketone	ND	53	ND	67	4	Q7V2672
Tetrachloroethylene	ND	93	ND	92	4	Q7V2672
Trichloroethylene	ND	95	ND	97	2	Q7V2672
Vinyl chloride	ND	97	ND	94	1	Q7V2672

QUALITY ASSURANCE DATA

RCRA TCLP LEACHATE (ZHE) VOLATILE ANALYSIS, MS, (MV50)

Compounds	Blank Results mg/L	Blank Spike Recov	Unspiked Sample Results mg/L	Matrix Spike Recov	Relative Percent Diff	Batch Number
Benzene	ND	78	ND	81	3	Q7V2664
Carbon tetrachloride	ND	83	ND	87	3	Q7V2664
Chlorobenzene	ND	93	ND	96	4	Q7V2664
Chloroform	ND	94	ND	103	8	Q7V2664
1,4-Dichlorobenzene	ND	82	ND	85	1	Q7V2664
1,2-Dichloroethane	ND	84	ND	87	2	Q7V2664
1,1-Dichloroethylene	ND	87	ND	96	10	Q7V2664
Methyl ethyl ketone	ND	76	ND	73	1	Q7V2664
Tetrachloroethylene	ND	92	ND	99	8	Q7V2664
Trichloroethylene	ND	99	ND	102	4	Q7V2664
Vinyl chloride	ND	96	ND	106	10	Q7V2664

Quality Assurance Data

RCRA TCLP Leachate (ZHE) Volatile Analysis, MS, (MV50)

Compounds	Blank Results mg/L	Blank Spike Recov	Unspiked Sample Results mg/L	Matrix Spike Recov	Relative Percent Diff	Batch Number
Benzene	ND	91	ND	95	5	Q7V2685
Carbon tetrachloride	ND	102	ND	104	4	Q7V2685
Chlorobenzene	ND	96	ND	96	1	Q7V2685
Chloroform	ND	98	ND	93	2	Q7V2685
1,4-Dichlorobenzene	ND	87	ND	90	3	Q7V2685
1,2-Dichloroethane	ND	102	ND	106	2	Q7V2685
1,1-Dichloroethylene	ND	96	ND	91	3	Q7V2685
Methyl ethyl ketone	ND	80	ND	77	7	Q7V2685
Tetrachloroethylene	ND	90	ND	92	1	Q7V2685
Trichloroethylene	ND	91	ND	92	2	Q7V2685
Vinyl chloride	ND	96	ND	91	2	Q7V2685

QUALITY ASSURANCE DATA
SURROGATE SUMMARY REPORT

SURROGATE ID	A159	B732	A121	A884	A158	B142	# OUT
QC BATCH: Q1C7650 Aqueous (Semi-Volatile organics by MS)							
SAMPLE ID							
247	0 D	0 D	0 D	0 D	0 D	0 D	0
BLANK	45	50	62	67	66	93	0
BLANK SPIKE	61	61	78	79	77	85	0
COMP-01	0 D	0 D	0 D	0 D	0 D	0 D	0
QC LIMITS	(21-110)	(10-110)	(10-123)	(35-114)	(43-116)	(33-141)	
QC BATCH: Q2C7666 Solid (Semi-Volatile organics by MS)							
SAMPLE ID							
003 MD	88	84	100	105	120 *	114	1
003 MS	83	77	82	97	106	83	0
021	66	72	40	83	94	99	0
BLANK	57	64	46	74	78	71	0
BLANK SPIKE	75	74	76	87	92	85	0
COMP-07	0 D	0 D	0 D	0 D	0 D	0 D	0
COMP-08	0 D	0 D	0 D	0 D	0 D	0 D	0
QC LIMITS	(25-121)	(24-113)	(19-122)	(23-120)	(30-115)	(18-137)	
QC BATCH: Q7C7699 Leachate (Semi-Volatile organics by MS)							
SAMPLE ID							
021	64	58	71	84	81	67	0
021 MS	66	60	62	86	74	79	0
246	88	88	89	106	72	32	0
BLANK	81	78	73	99	92	25	0
BLANK SPIKE	87	83	87	103	96	97	0
COMP-02	76	66	78	100	99	94	0
COMP-02 MD	76	67	80	96	91	90	0
COMP-02 MS	83	75	89	107	98	94	0
COMP-06	78	71	93	107	100	96	0
COMP-08	61	54	93	106	20 *	100	1
WS-1 MS	70	63	75	84	83	87	0
QC LIMITS	(25-121)	(24-113)	(19-122)	(23-120)	(30-115)	(18-137)	

SURROGATE ID	B185	B668	F049	# OUT
QC BATCH: Q2D2671 Solid (Volatile organics by MS)				
SAMPLE ID				
021	84	75	64	0
B6S1 MD	97	77	110	0
B6S1 MS	99	73 *	109	1
BLANK	105	109	102	0
BLANK SPIKE	104	108	104	0
COMP-08	92	93	106	0
QC LIMITS	(81-117)	(74-121)	(30-130)	

SURROGATE ID

B185 = Toluene-D8
B668 = Bromofluorobenzene
A159 = 2-Fluorophenol
B732 = Phenol-D6
A121 = 2,4,6-Tribromophenol
A884 = Nitrobenzene-D5
A158 = 2-Fluorobiphenyl
B142 = Terphenyl-D14
B816 = 2,4,5,6-Tetrachloro-m-xylene
A500 = Decachlorobiphenyl
F049 = Dibromofluoromethane

* Values outside of method quality control limits
D Surrogate diluted out

It is ASC's laboratory policy to allow one surrogate per sample fraction (acid, base-neutral or pesticide) to exceed the stated QC limits. This policy is based upon the USEPA SOW for the Contract Laboratory Program (CLP).

QUALITY ASSURANCE DATA
SURROGATE SUMMARY REPORT

SURROGATE ID	B816	A500	# OUT
QC BATCH: Q7P7698 Leachate (Pesticide compounds by GC)			
SAMPLE ID			
246	55 *	31 *	2
BLANK	95	94	0
BLANK SPIKE	73	85	0
COMP-02	89	105	0
COMP-06	84	87	0
COMP-06 MD	66	86	0
COMP-06 MS	85	95	0
WS-2 MS	85	104	0
QC LIMITS	(58-125)	(45-147)	

SURROGATE ID	B185	B668	F049	# OUT
QC BATCH: Q1V2683 Aqueous (Volatile organics by MS)				
SAMPLE ID				
247	90	90	28 *	1
40-161 MD	106	106	108	0
40-161 MS	102	101	102	0
BLANK	99	99	100	0
BLANK SPIKE	99	100	102	0
COMP-01	98	68 *	102	1
QC LIMITS	(88-110)	(86-115)	(79-138)	
QC BATCH: Q2V2693 Solid (Volatile organics by MS)				
SAMPLE ID				
4-1 MD	98	99	99	0
4-1 MS	97	98	99	0
BLANK	95	95	97	0
BLANK SPIKE	96	97	97	0
COMP-07	95	95	38 *	1
QC LIMITS	(81-117)	(74-121)	(87-120)	
QC BATCH: Q7V2685 Leachate (Volatile organics by MS)				
SAMPLE ID				
021	98	106	102	0
246	104	111	101	0
BLANK	91	88	90	0
BLANK SPIKE	98	103	100	0
COMP-02	88	97	94	0
COMP-02 MS	101	110	104	0
COMP-06	94	102	52 *	1
COMP-08	94	99	101	0
COMPOSITE1 MS	101	109	102	0
WS-1 MD	94	101	100	0
WS-1 MS	98	101	99	0

SURROGATE ID

B185 = Toluene-D8
B668 = Bromofluorobenzene
A159 = 2-Fluorophenol
B732 = Phenol-D6
A121 = 2,4,6-Tribromophenol
A884 = Nitrobenzene-D5
A158 = 2-Fluorobiphenyl
B142 = Terphenyl-D14
B816 = 2,4,5,6-Tetrachloro-m-xylene
A500 = Decachlorobiphenyl
F049 = Dibromofluoromethane

* Values outside of method quality control limits
D Surrogate diluted out

It is ASC's laboratory policy to allow one surrogate per sample fraction (acid, base-neutral or pesticide) to exceed the stated QC limits. This policy is based upon the USEPA SOW for the Contract Laboratory Program (CLP).

QUALITY ASSURANCE DATA
SURROGATE SUMMARY REPORT

SURROGATE ID	B185	B668	F049	# OUT
QC BATCH: Q7V2685 Leachate (Volatile organics by MS)				
SAMPLE ID				
QC LIMITS	(81-117)	(74-121)	(69-144)	

SURROGATE ID

B185 = Toluene-D8
B668 = Bromofluorobenzene
A159 = 2-Fluorophenol
B732 = Phenol-D6
A121 = 2,4,6-Tribromophenol
A884 = Nitrobenzene-D5
A158 = 2-Fluorobiphenyl
B142 = Terphenyl-D14
B816 = 2,4,5,6-Tetrachloro-m-xylene
A500 = Decachlorobiphenyl

F049 = Dibromofluoromethane

* Values outside of method quality control limits
D Surrogate diluted out

It is ASC's laboratory policy to allow one surrogate per sample fraction (acid, base-neutral or pesticide) to exceed the stated QC limits. This policy is based upon the USEPA SOW for the Contract Laboratory Program (CLP).

QUALITY ASSURANCE DATA
SURROGATE SUMMARY REPORT

SURROGATE ID	A159	B732	A121	A884	A158	B142	# OUT
QC BATCH: Q1C7650 Aqueous (Semi-Volatile organics by MS)							
SAMPLE ID							
248	80	92	110	74	118 *	99	1
BLANK	45	50	62	67	66	93	0
BLANK SPIKE	61	61	78	79	77	85	0
QC LIMITS	(21-110)	(10-110)	(10-123)	(35-114)	(43-116)	(33-141)	
QC BATCH: Q2C7666 Solid (Semi-Volatile organics by MS)							
SAMPLE ID							
003 MD	88	84	100	105	120 *	114	1
003 MS	83	77	82	97	106	83	0
114	0 D	0 D	0 D	0 D	0 D	0 D	0
136	56	62	53	75	75	77	0
BLANK	57	64	46	74	78	71	0
BLANK SPIKE	75	74	76	87	92	85	0
QC LIMITS	(25-121)	(24-113)	(19-122)	(23-120)	(30-115)	(18-137)	
QC BATCH: Q4C7634 Organic Liquid (Semi-Volatile organics by MS)							
SAMPLE ID							
053	0 D	0 D	0 D	0 D	0 D	0 D	0
162	0 D	0 D	0 D	0 D	0 D	0 D	0
BLANK	69	69	55	71	79	70	0
BLANK SPIKE	72	70	67	73	80	71	0
COMP-03	0 D	0 D	0 D	0 D	0 D	0 D	0
COMP-04	0 D	0 D	0 D	0 D	0 D	0 D	0
COMP-05	0 D	0 D	0 D	0 D	0 D	0 D	0
COMP-09	0 D	0 D	0 D	0 D	0 D	0 D	0
QC LIMITS	(25-121)	(24-113)	(19-122)	(23-120)	(30-115)	(18-137)	
QC BATCH: Q4C7704 Organic Liquid (Semi-Volatile organics by MS)							
SAMPLE ID							
162	0 D	0 D	0 D	0 D	0 D	0 D	0
162 MD	0 D	0 D	0 D	0 D	0 D	0 D	0
162 MS	0 D	0 D	0 D	0 D	0 D	0 D	0
BLANK	90	89	58	88	97	98	0
BLANK SPIKE	93	91	63	107	98	101	0
COMP-04	0 D	0 D	0 D	0 D	0 D	0 D	0
QC LIMITS	(25-121)	(24-113)	(19-122)	(23-120)	(30-115)	(18-137)	
QC BATCH: Q7C7648 Leachate (Semi-Volatile organics by MS)							
SAMPLE ID							
053	80	34	0 *	105	51	90	1
053 MD	83	36	0 *	104	47	94	1
053 MS	49	35	0 *	93	53	90	1
114	76	70	135 *	112	120 *	112	2
136	74	70	66	100	93	90	0
136 MS	73	69	71	99	86	88	0
232	52	54	94	64	67	88	0
BLANK	74	69	93	97	104	54	0

SURROGATE ID

B185 = Toluene-D8
B668 = Bromofluorobenzene
A159 = 2-Fluorophenol
B732 = Phenol-D6
A121 = 2,4,6-Tribromophenol
A884 = Nitrobenzene-D5
A158 = 2-Fluorobiphenyl
B142 = Terphenyl-D14
B816 = 2,4,5,6-Tetrachloro-m-xylene
A500 = Decachlorobiphenyl

F049 = Dibromofluoromethane

* Values outside of method quality control limits
D Surrogate diluted out

It is ASC's laboratory policy to allow one surrogate per sample fraction (acid, base-neutral or pesticide) to exceed the stated QC limits. This policy is based upon the USEPA SOW for the Contract Laboratory Program (CLP).

QUALITY ASSURANCE DATA
SURROGATE SUMMARY REPORT

SURROGATE ID	A159	B732	A121	A884	A158	B142	# OUT
QC BATCH: Q7C7648 Leachate (Semi-Volatile organics by MS)							
SAMPLE ID							
BLANK SPIKE	77	71	105	109	98	80	0
COMP-03	79	54	93	102	100	98	0
COMP-05	66	63	82	96	88	90	0
COMP-09	77	73	80	99	96	91	0
QC LIMITS	(25-121)	(24-113)	(19-122)	(23-120)	(30-115)	(18-137)	
QC BATCH: Q7C7699 Leachate (Semi-Volatile organics by MS)							
SAMPLE ID							
021 MS	66	60	62	86	74	79	0
162	0 D	0 D	0 D	0 D	0 D	0 D	0
BLANK	81	78	73	99	92	25	0
BLANK SPIKE	87	83	87	103	96	97	0
COMP-02 MD	76	67	80	96	91	90	0
COMP-02 MS	83	75	89	107	98	94	0
COMP-04	100	93	134 *	126 *	118 *	133	3
WS-1 MS	70	63	75	84	83	87	0
QC LIMITS	(25-121)	(24-113)	(19-122)	(23-120)	(30-115)	(18-137)	
QC BATCH: Q7C7751 Leachate (Semi-Volatile organics by MS)							
SAMPLE ID							
248	63	67	69	70	77	67	0
248 MS	62	67	66	70	72	62	0
A-1 MD	84	75	92	94	91	108	0
A-1 MS	89	79	97	102	97	116	0
BLANK	83	68	80	90	94	41	0
BLANK SPIKE	89	76	97	107	95	100	0
C5663 MS	64	59	83	76	76	77	0
QC LIMITS	(25-121)	(24-113)	(19-122)	(23-120)	(30-115)	(18-137)	
QC BATCH: Q7C7799 Leachate (Semi-Volatile organics by MS)							
SAMPLE ID							
BLANK	85	76	85	98	102	22	0
BLANK SPIKE	73	68	79	96	84	84	0
C5693 MD	77	72	80	99	87	91	0
C5693 MS	71	67	82	92	86	91	0
COMP-04	91	96	45	107	81	90	0
COMP-04 MS	85	87	35	103	72	98	0
QC LIMITS	(25-121)	(24-113)	(19-122)	(23-120)	(30-115)	(18-137)	

SURROGATE ID

B185 = Toluene-D8
B668 = Bromofluorobenzene
A159 = 2-Fluorophenol
B732 = Phenol-D6
A121 = 2,4,6-Tribromophenol
A884 = Nitrobenzene-D5
A158 = 2-Fluorobiphenyl
B142 = Terphenyl-D14
B816 = 2,4,5,6-Tetrachloro-m-xylene
A500 = Decachlorobiphenyl
F049 = Dibromofluoromethane

* Values outside of method quality control limits
D Surrogate diluted out

It is ASC's laboratory policy to allow one surrogate per sample fraction (acid, base-neutral or pesticide) to exceed the stated QC limits. This policy is based upon the USEPA SOW for the Contract Laboratory Program (CLP).

QUALITY ASSURANCE DATA
SURROGATE SUMMARY REPORT

SURROGATE ID	B185	B668	F049	# OUT
QC BATCH: Q2D2671 Solid (Volatile organics by MS)				
SAMPLE ID				
114	90	75	106	0
136	95	96	97	0
B6S1 MD	97	77	110	0
B6S1 MS	99	73 *	109	1
BLANK	105	109	102	0
BLANK SPIKE	104	108	104	0
QC LIMITS	(81-117)	(74-121)	(30-130)	

SURROGATE ID	B816	A500	# OUT
QC BATCH: Q7P7645 Leachate (Pesticide compounds by GC)			
SAMPLE ID			
232	88	71	0
248	72	95	0
BLANK	96	51	0
BLANK SPIKE	98	32 *	1
BPS-0 MD	66	97	0
BPS-0 MS	62	92	0
NGD004 MS	22 *	26 *	2
QC LIMITS	(58-125)	(45-147)	

SURROGATE ID	B185	B668	F049	# OUT
QC BATCH: Q1V2683 Aqueous (Volatile organics by MS)				
SAMPLE ID				
191	95	94	97	0
248	87 *	88	0 *	2
40-161 MD	106	106	108	0
40-161 MS	102	101	102	0
BLANK	99	99	100	0
BLANK SPIKE	99	100	102	0
QC LIMITS	(88-110)	(86-115)	(79-138)	

QC BATCH: Q4V2686 Organic Liquid (Volatile organics by MS)

SAMPLE ID				
053	101	110	99	0
162	99	102	99	0
BLANK	101	104	101	0
BLANK SPIKE	103	105	104	0
COMP-03	97	95	95	0
COMP-03 MD	98	96	98	0
COMP-03 MS	101	102	100	0
COMP-04	98	86	87	0

SURROGATE ID

B185 = Toluene-D8
B668 = Bromofluorobenzene
A159 = 2-Fluorophenol
B732 = Phenol-D6
A121 = 2,4,6-Tribromophenol
A884 = Nitrobenzene-D5
A158 = 2-Fluorobiphenyl
B142 = Terphenyl-D14
B816 = 2,4,5,6-Tetrachloro-m-xylene
A500 = Decachlorobiphenyl
F049 = Dibromofluoromethane

* Values outside of method quality control limits
D Surrogate diluted out

It is ASC's laboratory policy to allow one surrogate per sample fraction (acid, base-neutral or pesticide) to exceed the stated QC limits. This policy is based upon the USEPA SOW for the Contract Laboratory Program (CLP).

QUALITY ASSURANCE DATA
SURROGATE SUMMARY REPORT

SURROGATE ID	B185	B668	F049	# OUT
QC BATCH: Q4V2686 Organic Liquid (Volatile organics by MS)				
SAMPLE ID				
COMP-05	100	96	95	0
COMP-09	99	98	101	0
QC LIMITS	(81-117)	(74-121)	(30-130)	
QC BATCH: Q7V2664 Leachate (Volatile organics by MS)				
SAMPLE ID				
114	98	99	88	0
136	91	90	121	0
232	96	98	102	0
BLANK	98	97	98	0
BLANK SPIKE	96	98	97	0
BPS-0 MD	98	97	101	0
BPS-0 MS	96	92	102	0
QC LIMITS	(81-117)	(74-121)	(69-144)	
QC BATCH: Q7V2672 Leachate (Volatile organics by MS)				
SAMPLE ID				
003 MD	100	102	101	0
003 MS	98	101	99	0
053	95	94	98	0
BLANK	88	95	95	0
BLANK SPIKE	94	97	97	0
COMP-03	96	97	97	0
COMP-05	95	99	96	0
COMP-09	97	98	97	0
QC LIMITS	(81-117)	(74-121)	(69-144)	
QC BATCH: Q7V2685 Leachate (Volatile organics by MS)				
SAMPLE ID				
162	103	105	98	0
BLANK	91	88	90	0
BLANK SPIKE	98	103	100	0
COMP-02 MS	101	110	104	0
COMP-04	103	108	99	0
COMPOSITE1 MS	101	109	102	0
WS-1 MD	94	101	100	0
WS-1 MS	98	101	99	0
QC LIMITS	(81-117)	(74-121)	(69-144)	
QC BATCH: Q7V2697 Leachate (Volatile organics by MS)				
SAMPLE ID				
248	104	108	0 *	1
A-1 MD	104	108	107	0
A-1 MS	105	111	112	0
BLANK	103	108	108	0
BLANK SPIKE	106	111	107	0
C5663 MS	106	110	0 *	1

SURROGATE ID

B185 = Toluene-D8
B668 = Bromofluorobenzene
A159 = 2-Fluorophenol
B732 = Phenol-D6
A121 = 2,4,6-Tribromophenol
A884 = Nitrobenzene-D5
A158 = 2-Fluorobiphenyl
B142 = Terphenyl-D14
B816 = 2,4,5,6-Tetrachloro-m-xylene
A500 = Decachlorobiphenyl
F049 = Dibromofluoromethane

* Values outside of method quality control limits
D Surrogate diluted out

It is ASC's laboratory policy to allow one surrogate per sample fraction (acid, base-neutral or pesticide) to exceed the stated QC limits. This policy is based upon the USEPA SOW for the Contract Laboratory Program (CLP).

QUALITY ASSURANCE DATA
SURROGATE SUMMARY REPORT

SURROGATE ID	B185	B668	F049	# OUT
QC BATCH: Q7V2697 Leachate (Volatile organics by MS)				
SAMPLE ID				
QC LIMITS	(81-117)	(74-121)	(69-144)	

SURROGATE ID

B185 = Toluene-D8
B668 = Bromofluorobenzene
A159 = 2-Fluorophenol
B732 = Phenol-D6
A121 = 2,4,6-Tribromophenol
A884 = Nitrobenzene-D5
A158 = 2-Fluorobiphenyl
B142 = Terphenyl-D14
B816 = 2,4,5,6-Tetrachloro-m-xylene
A500 = Decachlorobiphenyl
F049 = Dibromofluoromethane

* Values outside of method quality control limits
D Surrogate diluted out

It is ASC's laboratory policy to allow one surrogate per sample fraction (acid, base-neutral or pesticide) to exceed the stated QC limits. This policy is based upon the USEPA SOW for the Contract Laboratory Program (CLP).

APPENDIX A

DATA SUMMARY REPORT

NOTE: The GC/MS screen data, if applicable, is included in Appendix B.

DATA SUMMARY REPORT

Company: OHM REMEDIATION SERVICES CORPORATION

	Sample Point ID:	210	191	136	041
	ASC Sample Number:	JK7363	JK7364	JK7365	JK7366
	Sample Date:	930610	930610	930610	930614
	Facility Code:	014296	014296	014296	014296
Parameters	Units				
Conventional Data (CV10)					
Oxidizer (Test Strip)	N/A	Positive	Positive	Negative	-
Peroxide (Test Strip)	N/A	Negative	Negative	Negative	-
pH (Test Strip)	std	-	-	-	4.3

APPENDIX B

QUANTITATIVE RESULTS

CONVENTIONAL DATA (CV10)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	210	JK7363

Compounds	Sample Results N/A	Detection Limits N/A	Blank Results N/A	Batch Number
Oxidizer (Test Strip)	Positive	-	-	
Peroxide (Test Strip)	Negative	5.00	-	

CONVENTIONAL DATA (CV10)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	191	JK7364

Compounds	Sample Results N/A	Detection Limits N/A	Blank Results N/A	Batch Number
Oxidizer (Test Strip)	Positive	-	-	
Peroxide (Test Strip)	Negative	5.00	-	

CONVENTIONAL DATA (CV10)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	136	JK7365

Compounds	Sample Results N/A	Detection Limits N/A	Blank Results N/A	Batch Number
Oxidizer (Test Strip)	Negative	-	-	
Peroxide (Test Strip)	Negative	5.00	-	

CONVENTIONAL DATA (CV10)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	041	JK7366

Compounds	Sample Results std	Detection Limits std	Blank Results std	Batch Number
pH (Test Strip)	4.3	-	-	

APPENDIX C

QUALITY ASSURANCE DATA

SUMMARY OF ANALYTICAL METHODOLOGY

Parameter	Reference	Method
Conventionals		
pH	N/A	Test Strip
Peroxide Screen	N/A	Test Strip
Oxidizer Screen	STOA	N/A
Cyanide Screen	STOA	N/A

METHODOLOGY REFERENCES

ASTM *American Society for Testing and Materials*, 1985, edition.

CAWW *Methods for Chemical Analysis of Water and Wastes*, April 1979 and Updated #1 March 1983.

CLP *USEPA Contract Laboratory Program*, Document #OLMO1.0, updates December 1990 #OLMO1.1 and February 1991 #OLMO1.1.1.

NIOSH *National Institute for Occupational Safety and Health*, 3rd edition, 1984.

SMEWW *Standard Methods for the Examination of Water and Wastewater*, 17th edition, 1989.

STOA *Spot Tests In Organic Analysis*, 7th edition, 1966.

SW-846 *Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods*, 3rd edition, September 1986 and Updated #1 January 1989.

(1) This method was modified to incorporate the use of Boron Trifluoride (BF3) as the derivatizing reagent according to Method 509B in *SMEWW*, 17th edition, 1989.

Title 22 *Waste Extraction Test*, Title 22, Section 66261.126 Appendix 2 of the California Administrative Code, May 1991.

ANALYTICAL SERVICES CORP.

Certifications

(for Conventionals, Metals and Organic compounds)

State	Agency	Certification #
Alabama	ADEM	40830
California	CADOH	1178
Colorado	CODOH	OH113
Delaware	DEHSS	OH113
Kansas	KSDHE	E-202 & E-1173
Louisiana	LADOHH	92-10
Maryland	MADHMH	210
Massachusetts	MADEP	OH113
New Jersey	NJDEP	74603
New York	NYDOH	10712
North Carolina	NCDEM	392
Ohio	OHEPA	OH113
Oklahoma	OWRB	9216
Pennsylvania	PADER	68-450
South Carolina	SCDEH	92002
Tennessee	TNDOH	2978
Virginia	VADGS	00011
Wisconsin	WIDNR	999037160

Validated by:

- US Army Corps of Engineers

Approvals:

- Waste Characterization Analysis

  - Chemical Waste Management
  - Envirosafe

- Permit for Importing Soils

  - USDA

REPORT KEY

mg/kg	= milligram per kilogram (ppm)
Mg/m^3	= milligram per cubic meter
ug/kg	= microgram per kilogram (ppb)
mg/L	= milligram per liter (ppm)
mg/W	= milligram per wipe
ug/L	= microgram per liter (ppb)
ug/W	= microgram per wipe
ug/S	= microgram per sample
um/cm	= microMho per centimeter
pCi/l	= picocurie per liter
ppm	= parts per million
ppb	= parts per billion
ND	= Not detected at or above stated detection limit
<	= less than
>	= greater than
%	= percent
BTU/lb	= British Thermal Units per pound
Deg. C	= Degrees Celsius
gm/cc	= grams per cubic centimeter
n/a	= not applicable
std	= result is relative to standard pH units
CV	= Conventionals
IR	= Infrared Spectrophotometric
GC	= Gas Chromatograph Instrument
GC/MS	= Gas Chromatography/Mass Spectrometer Instrument
GRO	= Gasoline Range Organics
DRO	= Diesel Range Organics
PCB	= Polychlorinated Biphenyls (PCBs)
EP TOX	= Extraction Procedure Toxicity
TCLP	= Toxicity Characteristic Leaching Procedure
RCRA	= Resource Conservation and Recovery Act

APPENDIX D

CHAIN-OF-CUSTODY RECORD(S)

OHM Corporation

CHAIN-OF-CUSTODY RECORD

Form 0019
Field Technical Services
Rev. 08/89

No. 88468

O.H. MATERIALS CORP. • P.O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

PROJECT NAME: NL/DUTCH BOY
PROJECT LOCATION: PERTH AMBOY NJ
PROJ. NO.: 14296
PROJECT CONTACT: R. MENYON / M. GUTSSO
PROJECT TELEPHONE NO.: 609-588-6344
CLIENT'S REPRESENTATIVE:
PROJECT MANAGER/SUPERVISOR: D. LEADENHAM

ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS)

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	OXIDIZER TEST	PERSULFIDE TEST	TCLP-METALS, VOL, BNA	VOLATILES	BNA	PCBA CHARACTERIZATION	PCBS-FULL	TCLP-FULL	REMARKS
1	136	06/09 93			X	OXIDIZING SUBSTANCE, SOLID, N.O.S	1-32 OZ GLASS	X	X	X	X	X	X	X	X	QC - CHECK ALSO: 7. ASH
2	191	06/10 93			X	OXIDIZING SUBSTANCE, LIQUID, N.O.S AQUEOUS LIQUID	1.	X	X	X	X	X	X	X	X	~~[illegible]~~ 1/8 FULL ~~[illegible]~~
3	210	06/10 93			X	OXIDIZING SUBSTANCE, LIQUID, N.O.S	1.	X	X							1/2 FULL
4	114	06/09 93			X	OXIDIZING SUBSTANCE, SOLID, N.O.S ORGANIC SOLID				X	X	X	X	X	X	ALSO: 7. ASH 3/4 FULL
5	260	06/09 93			X	OXIDIZING SUBSTANCE, SOLID, N.O.S				X	X	X	X	X	X	ALSO: ~~7. ASH~~
6																
7																
8																
9																
10																

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1-5	R. LYNCH	AIRBORNE EXPRESS 5260161012	06/09 93	7500
2	1-4	Airborne	[signature]	06/15 93	1335
3					
4					

REMARKS: RUN COMPATABILITY TESTS FOR:
1- OXIDIZER for 136
2- PERSULFIDE 191, 210

7 DAY-PAY TAT | DAILY-PAY TAT

SAMPLER'S SIGNATURE: Robert Lynch

LAB COPY

OHM Corporation

CHAIN-OF-CUSTODY RECORD

Form 0019
Field Technical Services
Rev. 08/89

No. 88458

O.H. MATERIALS CORP. • P.O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

PROJECT NAME: NL/DUTCH BOY
PROJECT LOCATION: PERTH AMBOY NJ
PROJ. NO.: 14296
PROJECT CONTACT: R. HENYON / M. GUISE
PROJECT TELEPHONE NO.: 609-588-6344
CLIENT'S REPRESENTATIVE:
PROJECT MANAGER/SUPERVISOR: S. LEADENHAM

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	TCLP-METALS	TCLP-VOC	TCLP-BNA	VOC-TOTAL (8240)	BNA-TOTAL (8270)	PCBs-Chlorodiphenyl	PCBs-TOTAL	TCLP-FULL	REMARKS
1	COMP-03	06/14/93		X		FLAMMABLE ORGANIC SOLID	1-32-oz GLASS	X	X	X	X	X	X	X		Additionally, analyze for: 1- ASH
2	COMP-04	06/14/93		X		FLAMMABLE ORGANIC LIQUID	"	X	X	X	X	X	X	X		Additionally analyze for: 1- ASH, and 2- BTU
3	COMP-09	06/14/93		X		FLAMMABLE ORGANIC SLUDGE	"	X	X	X	X	X	X	X		Additionally: 1-ASH, only
4	041	06/14/93			X	FLAMMABLE ORGANIC LIQUID	"									pH, ONLY 1/3 FULL
5	COMP-05	06/14/93		X		FLAMMABLE ORGANIC SOLID		X	X	X	X	X	X	X		2/3 FULL
6																
7																
8																
9																
10																

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1-5	R. LYNCH	AIRBORNE EXPRESS 82 6016 1012	06/14/93	1500
2	1-5	Airborne		6/15/93	1235
3					
4					

REMARKS: 14-DAY TAT

SAMPLER'S SIGNATURE: Robert Lynch

LAB COPY

OHM Corporation

CHAIN-OF-CUSTODY RECORD

Form 0019
Field Technical Services
Rev. 08/89

No. 88464

O.H. MATERIALS CORP. • P.O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

PROJECT NAME: NL/ DUTCH BOY - 14296
PROJECT LOCATION:
PROJ. NO.: 14296
PROJECT CONTACT: R. HENDYSON / M. GUISSE
PROJECT TELEPHONE NO.: 609-588-6344
CLIENT'S REPRESENTATIVE:
PROJECT MANAGER/SUPERVISOR: D. CLEADENHAM

ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS): CN - Compatability

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS									REMARKS
1	254	06/4 93			X	CYANIDE MIXTURE, DRY	1-32 oz.									Confirm (Y/N) compatability (CN) 1/2 full
2																
3																
4																
5																
6																
7																
8																
9																
10																

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1	R. LYNCH	AIRBORNE EXPRESS 526961012	06/4 93	1500
2	1	Airborne		6/5 93	1335
3					
4					

REMARKS: 14-DAY TAT

SAMPLER'S SIGNATURE: Robert Lynch

LAB COPY

APPENDIX D

CHAIN-OF-CUSTODY RECORD(S)

OHM Corporation

CHAIN-OF-CUSTODY RECORD

Form 0019
Field Technical Services
Rev. 08/89

No. 88458

O.H. MATERIALS CORP. • P.O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

PROJECT NAME: NL/DUTCH BOY
PROJECT LOCATION: PERTH AMBOY NJ
PROJ. NO.: 14296
PROJECT CONTACT: R. MENYON / M. GUISSE
PROJECT TELEPHONE NO.: 609-588-6344
CLIENT'S REPRESENTATIVE:
PROJECT MANAGER/SUPERVISOR: D. LEADENHAM

ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS)

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	TCLP-METALS	TCLP-VOC	TCLP-BNA	VOC-TOTAL (8240)	BNA-TOTAL (8270)	PCBA Characterization	PCBs-TOTAL	TCLP-FULL	REMARKS
1	COMP-03	061493		X		FLAMMABLE ORGANIC SOLID	1-32-oz GLASS	X	X	X	X	X	X	X		Additionally, analyze for: 1. ASH
2	COMP-04	061493		X		FLAMMABLE ORGANIC LIQUID	1 "	X	X	X	X	X	X	X		Additionally analyze for: 1- 1. ASH, and 2- BTU
3	COMP-09	061493		X		FLAMMABLE ORGANIC SLUDGE	1 "	X	X	X	X	X	X	X		Additionally: 1.-ASH, only
4	041	061493			X	FLAMMABLE ORGANIC LIQUID	1 "									pH, ONLY 1/3 FULL
5	COMP-05	061493		X		FLAMMABLE ORGANIC SOLID		X	X	X	X	X	X	X		2/3 FULL
6																
7																
8																
9																
10																

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1-5	R. LYNCH	AIRBORNE EXPRESS 52 6016 1212	061493	1500
2	1-5	Airborne		6/5/93	1335
3					
4					

REMARKS: ~~RUSH~~ 14-DAY TAT

SAMPLER'S SIGNATURE: Robert Lynch

LAB COPY

OHM Corporation

CHAIN-OF-CUSTODY RECORD

Form 0019
Field Technical Services
Rev. 08/89

No. 88455

O.H. MATERIALS CORP. • P.O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

PROJECT NAME: NL/DUTCH BOY
PROJECT LOCATION: PERTH AMBOY, NJ
PROJ. NO.: 14296
PROJECT CONTACT: R. MENYON / M. GOISSE
PROJECT TELEPHONE NO.: 609-588-6344
CLIENT'S REPRESENTATIVE:
PROJECT MANAGER/SUPERVISOR: D. LEADEMAN

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	TCLP-Metal, VOA, BNA	VOL. TOTAL (8224)	BNA TOTAL (8270)	PCBs Chlorinated	PCBs-Aroc	TCLP-Full	% ASH	BTU	REMARKS
1	162	06/14/93	1400		X	ORGANIC PEROXIDE N.O.S SAMPLE - LIQUID	1-32 oz	X	X	X	X	X		X	X	1/2 full
2	232	"	1415		X	PEROXIDE, INORGANIC, N.O.S - SOLID	GLASS		X	X	X	X	X			3/4 full
3																
4																
5																
6																
7																
8																
9																
10																

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1-2	R. Lynch	Airborne Express 526016 1012	06/14/93	1430
2	1-2	Airborne		6-15-93	1335
3					
4					

REMARKS: 14-DAY TAT

SAMPLER'S SIGNATURE: Robert Lynch

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OHM Corporation

CHAIN-OF-CUSTODY RECORD

Form 0019
Field Technical Services
Rev. 08/89

No. 88456

O.H. MATERIALS CORP. • P.O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

PROJECT NAME: NL/DUTCH BOY
PROJECT LOCATION: PERTHAMBOY, NJ
PROJ. NO.: 14296
PROJECT CONTACT: F. HENYAN / M. GEISSE
PROJECT TELEPHONE NO.: 609-588-6344
CLIENT'S REPRESENTATIVE:
PROJECT MANAGER/SUPERVISOR: D. LEADERHAM

ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS)

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	TCLP-FULL	PCLA CHARACTERIZATION	PCB's-FULL	TCLP-VOA, BNA, METALS	VOA, FULL (8240)	BNA, FULL (8270)	D.R. SLD	BTU	REMARKS
1	248	6/4-93			X	AIR REACTIVE Dum liquid	1-32-oz	X	X	X		X	X	X	X	1/2 full
2	053	6/4 93			X	BROKEN LIQ (FL)	GLASS		X	X	X	X	X	X	X	1/2 full
3																
4																
5																
6																
7																
8																
9																
10																

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1-2	F. LYNCH	AIRBORNE EXPRESS 82646 1012	6/4 93	1700
2	1-2	Airborne		6/5 93	1335
3					
4					

REMARKS: 14-DAY TAT

SAMPLER'S SIGNATURE: Robert Lynch

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OHM Corporation

CHAIN-OF-CUSTODY RECORD

Form 0019
Field Technical Services
Rev. 08/89

No. 88468

O.H. MATERIALS CORP. • P.O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

PROJECT NAME: NL/DUTCH BOY
PROJECT LOCATION: PERTH AMBOY NJ
PROJ. NO.: 14296
PROJECT CONTACT: R. MENYON / M. GEISSE
PROJECT TELEPHONE NO.: 609-588-6344
CLIENT'S REPRESENTATIVE:
PROJECT MANAGER/SUPERVISOR: D. LEADENHAM

ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS)

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	OXIDIZER TEST	PEROXIDE TEST	TCLP-Metals, VOL, BNA	VOLTOL	BNA	RCRA CHARACTERIZATION	PCB's - FULL	~~PEST-FULL~~	REMARKS
1	136	06/09 93			X	OXIDIZING SUBSTANCE, SOLID, N.O.S	1-32 OZ GLASS	X	X	X	X	X	X	X	X	QC - Check Also: 7. ASH
2	191	06/10 93			X	OXIDIZING SUBSTANCE, LIQUID, N.O.S Aqueous Liquid	1.	X	X	X	X	X	X	X	X	~~[illegible]~~ 1/8 Full ~~[illegible]~~
3	210	06/10 93			X	OXIDIZING SUBSTANCE, LIQUID, N.O.S	1.	X	X							1/2 Full
4	114	06/09 93			X	OXIDIZING SUBSTANCE, SOLID, N.O.S ORGANIC SOLID				X	X	X	X	X	X	Also: 7. ASH 3/4 Full
5	260	06/09 93			X	OXIDIZING SUBSTANCE, SOLID, N.O.S				X	X	X	X	X	X	Also: ~~7. ASH~~
6																
7																
8																
9																
10																

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1-5	R. LYNCH	AIRBORNE EXPRESS 5260161012	06/09 93	1500
2	1-4	Airborne	[signature]	06/15 93	1335
3					
4					

REMARKS
Run COMPATIBILITY TESTS FOR:
1- OXIDIZER for 136
2- PEROXIDE 191
210

7 ~~14~~-DAY TAT | DA 14-DAY TAT

SAMPLER'S SIGNATURE: Robert Lynch

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OHM Corporation

CHAIN-OF-CUSTODY RECORD

Form 0019
Field Technical Services
Rev. 08/89

No. 88473

O.H. MATERIALS CORP. • P.O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

PROJECT NAME: NL / DUTCH BOY
PROJECT LOCATION: PERTH AMBOY, NJ
PROJ. NO.: 14296
PROJECT CONTACT: R. MENYOW / M. BOISSE
PROJECT TELEPHONE NO.: (609) 588-6324
CLIENT'S REPRESENTATIVE:
PROJECT MANAGER/SUPERVISOR: D. LEADENHAM

ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS): DISPOSAL ANALYSIS

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	DISPOSAL ANALYSIS	REMARKS
1	248	06 24 93	1200		X	LIQUID + bottom solids	1-32 oz GLASS	X	
2									
3									
4									
5									
6									
7									
8									
9									
10									

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1	R. LYNCH	AIRBORNE EXPRESS	06 24 93	1300
2	1	Airborne 9803541450	[signature]	6/25/93	1145
3					
4					

REMARKS

SAMPLER'S SIGNATURE: [signature]

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M Corporation

CHAIN-OF-CUSTODY RECORD

rm 0019
Field Technical Services
Rev. 08/89

No. 88466

.H. MATERIALS CORP. • P.O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

JECT NAME: NL/DUTCH BOY	PROJECT LOCATION: PERTH AMBOY, NJ
J. NO.: 4296	PROJECT CONTACT: R. MENYOW / M. GOISSE
	PROJECT TELEPHONE NO.: 609-588-6344
NT'S REPRESENTATIVE	PROJECT MANAGER/SUPERVISOR: D. LEADENHAM

SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ASBESTOS	CYANIDE	VOL TOT (8240)	BNA TOT (8270)	ECLA CHARACTERISTICS	PCBS-FULL	TCLP-FULL	TCLP-METALS, VOA, BNA	REMARKS
105	0610 93			X	SOLID	1-32 & GLASS	X								7-DAY TAT
111	11			X	SOLID	11	X								7-DAY TAT
Comp-(10)	0610 93		X		SOLID COMPOSITE OF NOS. 229, 242, 251, 266			X							
COMP-01	0611 93		X		AQUEOUS LIQUID				X	X	X	X			
COMP-02	0611 93		X		AQUEOUS SOLID						X	X	X		
COMP-06	0611 93		X		BASE AQUEOUS SOLID						X	X	X		
COMP-08	0611 93		X		ORGANIC SOLID (NON-FLAM)				X	X	X	X	X	X	~~[illegible]~~ delete
COMP-07	0611 93		X		CLBAQ LIQ				X	X	X	X			

NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
	1-8	R. LYNCH	AIRBORNE EXPRESS 526 016 012	0614 93	1700
	1-8	Fedex		6-17 93	1135

REMARKS: 14-DAY TAT

SAMPLER'S SIGNATURE: Robert Lynch

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OHM Corporation

CHAIN-OF-CUSTODY RECORD

Form 0019
Field Technical Services
Rev. 08/89

No. 88465

O.H. MATERIALS CORP. • P.O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

PROJECT NAME: NL/DUTCH BOY
PROJECT LOCATION: PERTH AMBOY, NJ
PROJ. NO.: 14296
PROJECT CONTACT: R. MERYON MT. GOI SSE
PROJECT TELEPHONE NO.:
CLIENT'S REPRESENTATIVE:
PROJECT MANAGER/SUPERVISOR: D. LEADENHAM

ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS)

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	TCLP-Metals, WA, BNA	VOA (TOPL-8240)	BNA (TOPL-8270)	RCRA Characteristics	PCB's TPHC	TCLP-Fuel	% Ash	BTU	REMARKS
1	021	06/4 93			X	ORGANIC SULFIDE SOLID	1-32 oz GLASS	X	X	X	X	X		X		
2	246	06/4 93			X	AQUEOUS SULFIDE SOLID	"				X	X	X			
3	247	06/4 93			X	AQUEOUS SULFIDE LIQUID	"		X	X	X	X				
4																
5																
6																
7																
8																
9																
10																

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1-3	R. LYNCH	AIRBORNE EXPRESS 5260161012	06/4 93	1500
2	1-3	Fedex	[signature]	6-17 93	1028
3					
4					

REMARKS: 14-DAY TAT

SAMPLER'S SIGNATURE: Robert Lynch

LAB COPY

Analytical Services Corp.

ANALYTICAL REPORT

Client: OHM Remediation Services Corporation
Northeast Region

Attn: Dave Leadenham
Ron Kenyon

Project: 14296 - NL/Dutch Boy

Sample(s): 041, 136, 191, 210 and 254

Sample Type(s): Liquids and Solids

Analysis Performed: Conventionals

Date Sample Received: June 15, 1993

Date Order Received: June 15, 1993

Joblink(s): 613038

This report is "PROPRIETARY AND CONFIDENTIAL" and delivered to, and intended for the exclusive use of the above named client only. Analytical Services Corporation assumes no responsibility or liability for the reliance hereon or use hereof by anyone other than the above named client.

Reviewed and Approved by: T E Gran *Date:* 6/23/93
Thomas E. Gran, Ph.D., Vice President

16406 U.S. Route 224 East ■ P.O. Box 1404 ■ Findlay, Ohio 45839-1404 ■ 419-423-3526

PROJECT NARRATIVE

The following items relate to the samples and analytical data contained in this report.

- The Cyanide Spot Test for Sample #254 was negative.
- Note any and all comments at the bottom of the tables in Appendix B and/or Appendix C.
- **ASC** will retain samples for a maximum of thirty (30) days after completion of the analysis, samples will be held for a longer period of time, if appropriate arrangements are made in advance. A nominal disposal charge of $5.00/ sample will be imposed for unreturned samples.

Analytical Services Corp.

ANALYTICAL REPORT

Client: OHM Remediation Services Corporation
Northeast Region

Attn: Dave Leadenham
Keith Goisse

Project: 14296 - N. L. Industries/Dutch Boy

Sample(s): T-02 through T-12

Sample Type(s): Organic Liquids

Analysis Performed: Organics

Date Sample Received: May 4, 1993

Date Order Received: May 4, 1993

Joblink(s): 612526

This report is "PROPRIETARY AND CONFIDENTIAL" and delivered to, and intended for the exclusive use of the above named client only. Analytical Services Corporation assumes no responsibility or liability for the reliance hereon or use hereof by anyone other than the above named client.

Reviewed and Approved by: T E Gran *Date:* 5/14/93
Thomas E. Gran, Ph.D., Vice President

16406 U.S. Route 224 East ■ P.O. Box 1404 ■ Findlay, Ohio 45839-1404 ■ 419-423-3526

PROJECT NARRATIVE

The following items relate to the samples and analytical data contained in this report.

- Note any and all comments at the bottom of the tables in Appendix B and/or Appendix C.
- **ASC** will retain samples for a maximum of thirty (30) days after completion of the analysis, samples will be held for a longer period of time, if appropriate arrangements are made in advance. A nominal disposal charge of $5.00/ sample will be imposed for unreturned samples.

APPENDIX A

DATA SUMMARY REPORT

NOTE: The GC/MS screen data, if applicable, is included in Appendix B.

DATA SUMMARY REPORT

DATE: 05/13/93

Company: OHM REMEDIATION SERVICES CORPORATION

Parameters	Units	T-02	T-03	T-04	T-05	T-06	T-07	T-08	T-09
Sample Point ID:		T-02	T-03	T-04	T-05	T-06	T-07	T-08	T-09
ASC Sample Number:		JK3285	JK3286	JK3287	JK3288	JK3289	JK3290	JK3291	JK3292
Sample Date:		930429	930429	930429	930429	930429	930429	930429	930429
Facility Code:		014296	014296	014296	014296	014296	014296	014296	014296
Priority Pollutant PCB Analysis, GC, (GS13)									
Aroclor 1016	mg/kg	<2.43	<2.44	<2.43	<2.42	<242000	<244000	<243000	<2.42
Aroclor 1221	mg/kg	<2.43	<2.44	<2.43	<2.42	<242000	<244000	<243000	<2.42
Aroclor 1232	mg/kg	<2.43	<2.44	<2.43	<2.42	<242000	<244000	<243000	<2.42
Aroclor 1242	mg/kg	<2.43	<2.44	<2.43	<2.42	<242000	<244000	<243000	<2.42
Aroclor 1248	mg/kg	<2.43	<2.44	<2.43	<2.42	<242000	<244000	<243000	<2.42
Aroclor 1254	mg/kg	<2.43	<2.44	<2.43	<2.42	<242000	<244000	<243000	<2.42
Aroclor 1260	mg/kg	5.68	9.41	7.57	7.63	483000	388000	400000	<2.42

Parameters	Units	T-10	T-11	T-12
Sample Point ID:		T-10	T-11	T-12
ASC Sample Number:		JK3293	JK3294	JK3295
Sample Date:		930429	930429	930429
Facility Code:		014296	014296	014296
Priority Pollutant PCB Analysis, GC, (GS13)				
Aroclor 1016	mg/kg	<2.43	<2.44	<244000
Aroclor 1221	mg/kg	<2.43	<2.44	<244000
Aroclor 1232	mg/kg	<2.43	<2.44	<244000
Aroclor 1242	mg/kg	<2.43	<2.44	<244000
Aroclor 1248	mg/kg	<2.43	<2.44	<244000
Aroclor 1254	mg/kg	<2.43	<2.44	<244000
Aroclor 1260	mg/kg	11.9	16.6	537000

APPENDIX B

QUANTITATIVE RESULTS

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	T-02	JK3285

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Aroclor 1016	ND	2.43	ND	Q4P7326
Aroclor 1221	ND	2.43	ND	Q4P7326
Aroclor 1232	ND	2.43	ND	Q4P7326
Aroclor 1242	ND	2.43	ND	Q4P7326
Aroclor 1248	ND	2.43	ND	Q4P7326
Aroclor 1254	ND	2.43	ND	Q4P7326
Aroclor 1260	5.68	2.43	ND	Q4P7326

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	T-03	JK3286

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Aroclor 1016	ND	2.44	ND	Q4P7326
Aroclor 1221	ND	2.44	ND	Q4P7326
Aroclor 1232	ND	2.44	ND	Q4P7326
Aroclor 1242	ND	2.44	ND	Q4P7326
Aroclor 1248	ND	2.44	ND	Q4P7326
Aroclor 1254	ND	2.44	ND	Q4P7326
Aroclor 1260	9.41	2.44	ND	Q4P7326

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	T-04	JK3287

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Aroclor 1016	ND	2.43	ND	Q4P7326
Aroclor 1221	ND	2.43	ND	Q4P7326
Aroclor 1232	ND	2.43	ND	Q4P7326
Aroclor 1242	ND	2.43	ND	Q4P7326
Aroclor 1248	ND	2.43	ND	Q4P7326
Aroclor 1254	ND	2.43	ND	Q4P7326
Aroclor 1260	7.57	2.43	ND	Q4P7326

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	T-05	JK3288

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Aroclor 1016	ND	2.42	ND	Q4P7326
Aroclor 1221	ND	2.42	ND	Q4P7326
Aroclor 1232	ND	2.42	ND	Q4P7326
Aroclor 1242	ND	2.42	ND	Q4P7326
Aroclor 1248	ND	2.42	ND	Q4P7326
Aroclor 1254	ND	2.42	ND	Q4P7326
Aroclor 1260	7.63	2.42	ND	Q4P7326

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	T-06	JK3289

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Aroclor 1016	ND	242000	ND	Q4P7326
Aroclor 1221	ND	242000	ND	Q4P7326
Aroclor 1232	ND	242000	ND	Q4P7326
Aroclor 1242	ND	242000	ND	Q4P7326
Aroclor 1248	ND	242000	ND	Q4P7326
Aroclor 1254	ND	242000	ND	Q4P7326
Aroclor 1260	483000	242000	ND	Q4P7326

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	T-07	JK3290

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Aroclor 1016	ND	244000	ND	Q4P7326
Aroclor 1221	ND	244000	ND	Q4P7326
Aroclor 1232	ND	244000	ND	Q4P7326
Aroclor 1242	ND	244000	ND	Q4P7326
Aroclor 1248	ND	244000	ND	Q4P7326
Aroclor 1254	ND	244000	ND	Q4P7326
Aroclor 1260	388000	244000	ND	Q4P7326

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	T-08	JK3291

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Aroclor 1016	ND	243000	ND	Q4P7326
Aroclor 1221	ND	243000	ND	Q4P7326
Aroclor 1232	ND	243000	ND	Q4P7326
Aroclor 1242	ND	243000	ND	Q4P7326
Aroclor 1248	ND	243000	ND	Q4P7326
Aroclor 1254	ND	243000	ND	Q4P7326
Aroclor 1260	400000	243000	ND	Q4P7326

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	T-09	JK3292

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Aroclor 1016	ND	2.42	ND	Q4P7326
Aroclor 1221	ND	2.42	ND	Q4P7326
Aroclor 1232	ND	2.42	ND	Q4P7326
Aroclor 1242	ND	2.42	ND	Q4P7326
Aroclor 1248	ND	2.42	ND	Q4P7326
Aroclor 1254	ND	2.42	ND	Q4P7326
Aroclor 1260	ND	2.42	ND	Q4P7326

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	T-10	JK3293

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Aroclor 1016	ND	2.43	ND	Q4P7326
Aroclor 1221	ND	2.43	ND	Q4P7326
Aroclor 1232	ND	2.43	ND	Q4P7326
Aroclor 1242	ND	2.43	ND	Q4P7326
Aroclor 1248	ND	2.43	ND	Q4P7326
Aroclor 1254	ND	2.43	ND	Q4P7326
Aroclor 1260	11.9	2.43	ND	Q4P7326

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	T-11	JK3294

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Aroclor 1016	ND	2.44	ND	Q4P7326
Aroclor 1221	ND	2.44	ND	Q4P7326
Aroclor 1232	ND	2.44	ND	Q4P7326
Aroclor 1242	ND	2.44	ND	Q4P7326
Aroclor 1248	ND	2.44	ND	Q4P7326
Aroclor 1254	ND	2.44	ND	Q4P7326
Aroclor 1260	16.6	2.44	ND	Q4P7326

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	T-12	JK3295

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Aroclor 1016	ND	244000	ND	Q4P7326
Aroclor 1221	ND	244000	ND	Q4P7326
Aroclor 1232	ND	244000	ND	Q4P7326
Aroclor 1242	ND	244000	ND	Q4P7326
Aroclor 1248	ND	244000	ND	Q4P7326
Aroclor 1254	ND	244000	ND	Q4P7326
Aroclor 1260	537000	244000	ND	Q4P7326

APPENDIX C

QUALITY ASSURANCE DATA

SUMMARY OF ANALYTICAL METHODOLOGY

Parameter	Reference	Method
Organics		
Polychlorinated Biphenyls (PCBs) by GC	SW-846	8080

METHODOLOGY REFERENCES

ASTM	*American Society for Testing and Materials*, 1985, edition.
CAWW	*Methods for Chemical Analysis of Water and Wastes*, April 1979 and Updated #1 March 1983.
CLP	*USEPA Contract Laboratory Program*, Document #OLMO1.0, updates December 1990 #OLMO1.1 and February 1991 #OLMO1.1.1.
NIOSH	*National Institute for Occupational Safety and Health*, 3rd edition, 1984.
SMEWW	*Standard Methods for the Examination of Water and Wastewater*, 17th edition, 1989.
STOA	*Spot Tests In Organic Analysis*, 7th edition, 1966.
SW-846	*Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods*, 3rd edition, September 1986 and Updated #1 January 1989.
(1)	This method was modified to incorporate the use of Boron Trifluoride (BF3) as the derivatizing reagent according to Method 509B in *SMEWW*, 17th edition, 1989.
Title 22	*Waste Extraction Test*, Title 22, Section 66261.126 Appendix 2 of the California Administrative Code, May 1991.

ANALYTICAL SERVICES CORP.

Certifications
(for Conventionals, Metals and Organic compounds)

State	Agency	Certification #
Alabama	ADEM	40830
California	CADOH	1178
Colorado	CODOH	OH113
Delaware	DEHSS	OH113
Kansas	KSDHE	E-202 & E-1173
Louisiana	LADOHH	92-10
Maryland	MADHMH	210
Massachusetts	MADEP	OH113
New Jersey	NJDEP	74603
New York	NYDOH	10712
North Carolina	NCDEM	392
Ohio	OHEPA	OH113
Oklahoma	OWRB	9216
Pennsylvania	PADER	68-450
South Carolina	SCDEH	92002
Tennessee	TNDOH	2978
Virginia	VADGS	00011
Wisconsin	WIDNR	999037160

Validated by:

- US Army Corps of Engineers

Approvals:

- Waste Characterization Analysis

  - Chemical Waste Management
  - Envirosafe

- Permit for Importing Soils

  - USDA

REPORT KEY

mg/kg	= milligram per kilogram (ppm)
Mg/m^3	= milligram per cubic meter
ug/kg	= microgram per kilogram (ppb)
mg/L	= milligram per liter (ppm)
mg/W	= milligram per wipe
ug/L	= microgram per liter (ppb)
ug/W	= microgram per wipe
ug/S	= microgram per sample
um/cm	= microMho per centimeter
pCi/l	= picocurie per liter
ppm	= parts per million
ppb	= parts per billion
ND	= Not detected at or above stated detection limit
<	= less than
>	= greater than
%	= percent
BTU/lb	= British Thermal Units per pound
Deg. C	= Degrees Celsius
gm/cc	= grams per cubic centimeter
n/a	= not applicable
std	= result is relative to standard pH units
CV	= Conventionals
IR	= Infrared Spectrophotometric
GC	= Gas Chromatograph Instrument
GC/MS	= Gas Chromatography/Mass Spectrometer Instrument
GRO	= Gasoline Range Organics
DRO	= Diesel Range Organics
PCB	= Polychlorinated Biphenyls (PCBs)
EP TOX	= Extraction Procedure Toxicity
TCLP	= Toxicity Characteristic Leaching Procedure
RCRA	= Resource Conservation and Recovery Act

QUALITY ASSURANCE DATA

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Compounds	Blank Results mg/kg	Blank Spike Recov	Unspiked Sample Results mg/kg	Matrix Spike Recov	Relative Percent Diff	Batch Number
Aroclor 1260	ND	88	-	-	-	Q4P7326

- Matrix spike recoveries are not available due to the dilution of the QC matrix spike sample extracts during analysis.

APPENDIX D

CHAIN-OF-CUSTODY RECORD(S)

OHM Corporation

CHAIN-OF-CUSTODY RECORD

Form 0019
Field Technical Services
Rev. 08/89

No. 88475

O.H. MATERIALS CORP. • P.O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

1 of 2

PROJECT NAME: NL IND. / DUTCH BOY
PROJECT LOCATION: PERTH AMBOY, NJ
PROJ. NO.: 14296
PROJECT CONTACT: H. GOISE
PROJECT TELEPHONE NO.: 609-588-6400
CLIENT'S REPRESENTATIVE:
PROJECT MANAGER/SUPERVISOR: DAVE LEADENHAM

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS): PCB's	REMARKS
1	T-02	4/29/93			X	TRANSFORMER OIL	1-8oz. GLASS	X	1/3 Full
2	T-03				X		"	X	2/3 Full
3	T-04				X		"	X	2/3 Full
4	T-05				X		"	X	2/3 Full
5	T-06				X		"	X	2/3 Full
6	T-07				X		"	X	
7	T-08				X		"	X	1/2 Full
8	T-09				X		"	X	2/3 Full
9	T-10				X		"	X	2/3 Full
10	T-11				X		"	X	7/8 Full

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1-10	R. LYNCH	AIRBORNE 852398341	5/3/93	1800
2	1-10	Airborne		5-4-93	1058
3					
4					

REMARKS: -7-DAY TAT

ATT: BILL FITHIAN

SAMPLER'S SIGNATURE: Robert Lynch

LAB COPY

OHM Corporation

CHAIN-OF-CUSTODY RECORD

Form 0019
Field Technical Services
Rev. 08/89

No. 88474

2 of 2

O.H. MATERIALS CORP. • P.O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

PROJECT NAME: NL IND / DUTCH BOY

PROJECT LOCATION: PERTH AMBOY, NJ

PROJ. NO.: 14296

PROJECT CONTACT: M. GOISE

PROJECT TELEPHONE NO.: (609) 588-6400

CLIENT'S REPRESENTATIVE:

PROJECT MANAGER/SUPERVISOR: D. LEADEMAN

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS): PCBs	REMARKS
1	F-12	4/29/93			X	TRANSFORMER OIL	1-8oz. GL	X	1/2 full
2									
3									
4									
5									
6									
7									
8									
9									
10									

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1	R. LYNCH	AIRBORNE 852398341	5/3/93	1800
2	1	Airborne		5-4-93	1058
3					
4					

REMARKS: 7-DAY TAT

ATT: BILL FITHIAN

SAMPLER'S SIGNATURE: Robert Lynch

LAB COPY

Analytical Services Corp.

ANALYTICAL REPORT

Client: OHM Remediation Services Corporation
Northeast Region

Attn: Dave Leadenham
Keith Goisse

Project: 14296 - NL Industries

Sample(s): NL-01

Sample Type(s): Solid

Analysis Performed: Organics

Date Sample Received: April 21, 1993

Date Order Received: April 21, 1993

Joblink(s): 612395

This report is "PROPRIETARY AND CONFIDENTIAL" and delivered to, and intended for the exclusive use of the above named client only. Analytical Services Corporation assumes no responsibility or liability for the reliance hereon or use hereof by anyone other than the above named client.

Reviewed and Approved by: Helene A. Laabaugh for Thomas E. Gran, Ph.D., Vice President *Date:* 4-27-93

16406 U.S. Route 224 East ■ P.O. Box 1404 ■ Findlay, Ohio 45839-1404 ■ 419-423-3526

PROJECT NARRATIVE

The following items relate to the samples and analytical data contained in this report.

- All sample results are reported on a "dry weight" basis.
- Note any and all comments at the bottom of the tables in Appendix B and/or Appendix C.
- **ASC** will retain samples for a maximum of thirty (30) days after completion of the analysis, samples will be held for a longer period of time, if appropriate arrangements are made in advance. A nominal disposal charge of $5.00/ sample will be imposed for unreturned samples.

APPENDIX A

DATA SUMMARY REPORT

NOTE: The GC/MS screen data, if applicable, is included in Appendix B.

DATA SUMMARY REPORT

DATE: 04/26/93

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID: NL-01
ASC Sample Number: JK1952
Sample Date: 930408
Facility Code: 014296

Parameters	Units	
Priority Pollutant PCB Analysis, GC, (GS13)		
Aroclor 1016	mg/kg	<27500
Aroclor 1221	mg/kg	<27500
Aroclor 1232	mg/kg	<27500
Aroclor 1242	mg/kg	<27500
Aroclor 1248	mg/kg	<27500
Aroclor 1254	mg/kg	<27500
Aroclor 1260	mg/kg	259000

APPENDIX B

QUANTITATIVE RESULTS

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	014296	NL-01	JK1952

Compounds	Sample Results mg/kg	Detection Limits mg/kg	Blank Results mg/kg	Batch Number
Aroclor 1016	ND	27500	ND	Q2P7258R
Aroclor 1221	ND	27500	ND	Q2P7258R
Aroclor 1232	ND	27500	ND	Q2P7258R
Aroclor 1242	ND	27500	ND	Q2P7258R
Aroclor 1248	ND	27500	ND	Q2P7258R
Aroclor 1254	ND	27500	ND	Q2P7258R
Aroclor 1260	259000	27500	ND	Q2P7258R

APPENDIX C

QUALITY ASSURANCE DATA

SUMMARY OF ANALYTICAL METHODOLOGY

Parameter	Reference	Method
Organics		
Polychlorinated Biphenyls (PCBs) by GC	SW-846	8080

METHODOLOGY REFERENCES

ASTM	*American Society for Testing and Materials*, 1985, edition.
CAWW	*Methods for Chemical Analysis of Water and Wastes*, April 1979 and Updated #1 March 1983.
CLP	*USEPA Contract Laboratory Program*, Document #OLMO1.0, updates December 1990 #OLMO1.1 and February 1991 #OLMO1.1.1.
NIOSH	*National Institute for Occupational Safety and Health*, 3rd edition, 1984.
SMEWW	*Standard Methods for the Examination of Water and Wastewater*, 17th edition, 1989.
STOA	*Spot Tests In Organic Analysis*, 7th edition, 1966.
SW-846	*Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods*, 3rd edition, September 1986 and Updated #1 January 1989.
(1)	This method was modified to incorporate the use of Boron Trifluoride (BF3) as the derivatizing reagent according to Method 509B in *SMEWW*, 17th edition, 1989.
Title 22	*Waste Extraction Test*, Title 22, Section 66261.126 Appendix 2 of the California Administrative Code, May 1991.

ANALYTICAL SERVICES CORP.

Certifications

(for Conventionals, Metals and Organic compounds)

State	Agency	Certification #
Alabama	ADEM	40830
California	CADOH	1178
Colorado	CODOH	OH113
Delaware	DEHSS	OH113
Kansas	KSDHE	E-202 & E-1173
Louisiana	LADOHH	92-10
Massachusetts	MADEP	OH113
New Jersey	NJDEP	74603
New York	NYDOH	10712
North Carolina	NCDEM	392
Ohio	OHEPA	OH113
Oklahoma	OWRB	9216
Pennsylvania	PADER	68-450
South Carolina	SCDEH	92002
Tennessee	TNDOH	2978
Virginia	VADGS	00011
Wisconsin	WIDNR	999037160

Validated by:

- US Army Corps of Engineers

Approvals:

- Waste Characterization Analysis

  - Chemical Waste Management
  - Envirosafe

- Permit for Importing Soils

  - USDA

REPORT KEY

mg/kg	= milligram per kilogram (ppm)
Mg/m^3	= milligram per cubic meter
ug/kg	= microgram per kilogram (ppb)
mg/L	= milligram per liter (ppm)
ug/L	= microgram per liter (ppb)
pCi/l	= picocurie per liter
mg/W	= milligram per wipe
ug/W	= microgram per wipe
ug/S	= microgram per sample
ppm	= parts per million
ppb	= parts per billion
ND	= Not detected at or above stated detection limit
<	= less than
>	= greater than
%	= percent
BTU/lb	= British Thermal Units per pound
Deg. C	= Degrees Celsius
gm/cc	= grams per cubic centimeter
n/a	= not applicable
std	= result is relative to standard pH units
CV	= Conventionals
IR	= Infrared Spectrophotometric
GC	= Gas Chromatograph Instrument
GC/MS	= Gas Chromatography/Mass Spectrometer Instrument
GRO	= Gasoline Range Organics
DRO	= Diesel Range Organics
PCB	= Polychlorinated Biphenyls (PCBs)
EP TOX	= Extraction Procedure Toxicity
TCLP	= Toxicity Characteristic Leaching Procedure
RCRA	= Resource Conservation and Recovery Act

QUALITY ASSURANCE DATA

PRIORITY POLLUTANT PCB ANALYSIS, GC, (GS13)

Compounds	Blank Results mg/kg	Blank Spike Recov	Unspiked Sample Results mg/kg	Matrix Spike Recov	Relative Percent Diff	Batch Number
Aroclor 1254	ND	73	ND	77	6	Q2P7258R

APPENDIX D

CHAIN-OF-CUSTODY RECORD(S)

OHM Corporation

CHAIN-OF-CUSTODY RECORD

Form 0019
Field Technical Services
Rev. 08/89

No. 95684

O.H. MATERIALS CORP. • P.O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

PROJECT NAME: NL Ind.
PROJECT LOCATION: Perth Amboy
PROJ. NO.: 14296
PROJECT CONTACT: Keith Goisse
PROJECT TELEPHONE NO.: 609-588-6357
CLIENT'S REPRESENTATIVE: Barry Sams
PROJECT MANAGER/SUPERVISOR: Dave Leadenham

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS) PCB's							REMARKS
1	NL-01	4-8		✓		Soil	1 32oz	X						JAR	1/2 full 90 day TAT
2															
3															
4															
5															
6															
7															
8															
9															
10															

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	NL-01	Keith Goisse			
2	1	AIRBORNE 7438458182	Donita Jones	4-21-93	1037
3					
4					

REMARKS

SAMPLER'S SIGNATURE: Keith Goisse

LAB COPY

APPENDIX E

Site Map

APPENDIX 4

Transportation & Disposal Documents

South Carolina Department of Health and Environmental Control

Bureau of Solid & Hazardous Waste Mgt.
2600 Bull Street, Columbia, SC 29201
Phone (803) 734-5200
Emergency & Holidays (803)253-6488

PLEASE PRINT or TYPE (Form designed for use on elite (12-pitch) typewriter) Form Approved. OMB No. 2050-0039 Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's U.S. EPA ID No. NJ0986454930001 Manifest Document No.
2. Page 1 of 1
Information in the shaded areas is not required by Federal law but is by State law.

3. Generator's Name and Mailing Address
NL Industries, Inc.
PO Box 1090, Hightstown, NJ 08520
Site Address:
1050 State Street
Perth Amboy, NJ 08862

4. Generator's Phone (609) 443-2410

A. State Manifest Document Number
B. State Generator's ID

5. Transporter 1 Company Name: KET Industrial Services, Inc.
6. U.S. EPA ID Number: PAD987284171
C. State Transporter's ID: T384UB NJ
D. Transporter's Phone: 800-762-2110

7. Transporter 2 Company Name
8. U.S. EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
GSX Chemcial Services, Inc.
Rte 1 Box 255
Pinewood, South Carolina
10. U.S. EPA ID Number: SCD070375985
G. State Facility's ID: Same
H. Facility's Phone: 803-452-5003

11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. X RQ Hazardous Waste Solid, N.O.S. ORM-E NA9189 D008	001	DT	44000	P	D008
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
Battery casings debris 100%
a. PW-056791-41011
b.
c.
d.

K. Handling Codes for Wastes Listed Above

15. Special Handing Instructions and Additional Information
a. erg #31 qty. is est in 13a. 24 hr emergency #: 609-588-6357 Keith Goisse (OHM)
Job# 14296
WO#172536 DEP#S50066 NJDecal# 44977

Public reporting burden for this collection of information is estimated to average 37 minutes for generators, 15 minutes for transporters, and 15 minutes for treatment storage and disposal facilities. This includes time for reviewing instructions, gathering data and completing and reviewing the form. Send comments regarding the burden estimate, including suggestions for reducing the burden, to Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M St. S.W., Washington, D.C. 20460, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington D.C. 20503.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Barry L. Sams
Signature: Barry L. Sams
Month Day Year: 05 05 93

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JAMES CRUOUP
Signature: James Cruoup
Month Day Year: 05 05 93

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space
a. lbs. c. lbs.
b. lbs. d. lbs.

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name
Signature
Month Day Year

GENERATOR
TRANSPORTER
FACILITY

EPA Form 8700 (Rev. 9/88) Previous Editions are Obsolete. DHEC 1988 (Rev. 5/89)

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Generator Name/Location: NL Industries, 1050 State Street, Perth Amboy, NJ 08862

EPA I.D. Number: NJD986648954

Waste Profile or ARF Number: PW-05679-4101

Manifest Number: 93001

EPA Hazardous Waste Number(s): D008

Waste Analysis Available? YES _____ NO X If yes, please attach copy.

___ Unrestricted Waste Notification (Category 1)
I notify that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

___ Restricted Waste Notification (Category 2)
I notify that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste does not comply with the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated by the appropriate regulatory treatment standard or in such a manner which renders it non-liquid by chemical fixation or solidification prior to land disposal. Corresponding treatment standard _____

X Restricted Waste Variance Certification/Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) and certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

Applicable Variance 5-8-93

___ Treated Waste Certification (Category 4)

___ (4a) I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR Part 268, Subpart D, and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

___ (4b) I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR Part 264, Subpart O or Part 265, Subpart O, or by combustion in fuel substitution units operating in accordance with applicable technical requirements, and I have been unable to detect the nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

___ Restricted Waste Notification (Category 5)
I notify that I have personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste does comply with the treatment standards specified in 40 CFR 268, Subpart D.

SIGNATURE: Barry L. Sams DATE: 5-5-93

PRINT NAME: Barry L. Sams TITLE: Environmental Engineer

South Carolina Department of Health and Environmental Control

Bureau of Solid & Hazardous Waste Mgt.
2600 Bull Street, Columbia, SC 29201
Phone (803) 734-5200
Emergency & Holidays (803)253-6488

PLEASE PRINT or TYPE (Form designed for use on elite [12-pitch] typewriter) Form Approved. OMB No. 2050-0039 Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's U.S. EPA ID No. NJD986648954 Manifest Document No. 3002
2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is by State law.

3. Generator's Name and Mailing Address
NL Industries, Inc.
PO Box 1090, Hightstown, NJ 08520
Site Address: 1050 State Street Perth Amboy, NJ 08862
4. Generator's Phone (609) 443-2410

A. State Manifest Document Number
B. State Generator's ID

5. Transporter 1 Company Name KEJ Industrial Services, Inc.
6. U.S. EPA ID Number PAD987284171
C. State Transporter's ID T827-TL NJ
D. Transporter's Phone 800-762-2110

7. Transporter 2 Company Name
8. U.S. EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
GSX Chemcial Services, Inc.
Rte 1 Box 255
Pinewood, South Carolina
10. U.S. EPA ID Number SCD070375985
G. State Facility's ID Same
H. Facility's Phone 803-452-5003

GENERATOR

11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
HM					
a. RQ Hazardous Waste Solid, N.O.S. ORM-E NA9189 D008	001	DT	4400	P	D008
b.					
c.					

J. Additional Descriptions for Materials Listed Above
Battery casings debris 100%
a. PW-056791-4110
b.
c.
d.

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
a. erg #31 qty. is est in 13a.
24 hr emergency #: 609-588-6357 Keith Goisse (OHM)
Job #14296
WO#172537 NJDEP# 550066 NJ Recal # 468896

Public reporting burden for this collection of information is estimated to average 37 minutes for generators, 15 minutes for transporters, and 10 minutes for treatment storage and disposal facilities. This includes time for reviewing instructions, gathering data, and completing and reviewing the form. Send comments regarding the burden estimate, including suggestions for reducing this burden, to Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M St., S.W., Washington, D.C. 20460, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Barry L. Sams
Signature: Barry L. Sams
Month Day Year: 05 05 93

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Robert String 5/5/93
Signature: Robert String
Month Day Year: 05 05 93

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

Discrepancy Indication Space
a. lbs. c. lbs.
b. lbs. d. lbs.

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name
Signature
Month Day Year

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Generator Name/Location: NL Industries, 1050 State Street, Perth Amboy, NJ 08862

EPA I.D. Number: NJD986648954

Waste Profile or ARF Number: PW-05679-4101

Manifest Number: 93002

EPA Hazardous Waste Number(s): D008

Waste Analysis Available? YES _____ NO X If yes, please attach copy.

___ Unrestricted Waste Notification (Category 1)
I notify that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

X Restricted Waste Notification (Category 2)
I notify that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste does not comply with the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated by the appropriate regulatory treatment standard or in such a manner which renders it non-liquid by chemical fixation or solidification prior to land disposal. Corresponding treatment standard Less than treatment standards 268.42 (CWE

X Restricted Waste Variance Certification/Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) and certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

Applicable Variance 5-8-93

___ Treated Waste Certification (Category 4)

___ (4a) I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR Part 268, Subpart D, and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

___ (4b) I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR Part 264, Subpart O or Part 265, Subpart O, or by combustion in fuel substitution units operating in accordance with applicable technical requirements, and I have been unable to detect the nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

___ Restricted Waste Notification (Category 5)
I notify that I have personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste does comply with the treatment standards specified in 40 CFR 268, Subpart D.

SIGNATURE: Barry L. Sams DATE: 5-5-93

PRINT NAME: Barry L. Sams TITLE: Environmental Engineer

South Carolina Department of Health and Environmental Control

Bureau of Solid & Hazardous Waste Mgt.
2600 Bull Street, Columbia, SC 29201
Phone (803) 734-5200
Emergency & Holidays: (803)253-6488

PLEASE PRINT or TYPE (Form designed for use on elite (12-pitch) typewriter) Form Approved. OMB No. 2050-0039 Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's U.S. EPA ID No. NJD986648954 Manifest Document No. 3003
2. Page 1 of 1
Information in the shaded areas is not required by Federal law but is by State law.

3. Generator's Name and Mailing Address
NL Industries, Inc.
PO Box 1090, Hightstown, NJ 08520
Site Address:
1050 State Street
Perth Amboy, NJ 08862
4. Generator's Phone (609) 443-2410

A. State Manifest Document Number
B. State Generator's ID

5. Transporter 1 Company Name: KEI Industrial Services, Inc.
6. U.S. EPA ID Number: PAD987284171
C. State Transporter's ID: T828TL NJ
D. Transporter's Phone: 800-762-2110

7. Transporter 2 Company Name
8. U.S. EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
GSX Chemcial Services, Inc.
Rte 1 Box 255
Pinewood, South Carolina
10. U.S. EPA ID Number: SCD070375985
G. State Facility's ID: Same
H. Facility's Phone: 803-452-5003

11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. RQ Hazardous Waste Solid, N.O.S. ORM-E NA9189 D008	001	DT	44000	P	D008
b.					
c.					

J. Additional Descriptions for Materials Listed Above
Battery casings debris 100%
a. PW-051679-141011
b.
c.
d.

K. Handling Codes for Wastes Listed Above

15. Special Handing Instructions and Additional Information
a. erg #31, qty. is est. in 13a.
24 hr emergency #: 609-588-6357 Keith Goisse (OHM)
Job #14296
WO# 172538 NJDEP#55066 Decal #46898

Public reporting burden for this collection of information is estimated to average 37 minutes for generators, 15 minutes for transporters, and 15 minutes for treatment storage and disposal facilities. This includes time for reviewing instructions, gathering data, and completing and reviewing the form. Send comments regarding the burden estimate, including suggestions for reducing this burden, to Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M St., S.W., Washington, D.C. 20460, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina.
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Printed/Typed Name: Barry L. Sams
Signature: Barry L. Sams
Month Day Year: 05 05 93

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: James Caldwell
Signature: James Caldwell
Month Day Year: 05 05 93

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

Discrepancy Indication Space
a. lbs. c.
b. lbs. d.

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name
Signature
Month Day Year

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Generator Name/Location: NL Industries, 1050 State Street, Perth Amboy, NJ 08862

EPA I.D. Number: NJD986648954

Waste Profile or ARF Number: PW-05679-4101

Manifest Number: 93003

EPA Hazardous Waste Number(s): D008

Waste Analysis Available? YES _____ NO X If yes, please attach copy.

___ Unrestricted Waste Notification (Category 1)
I notify that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

X Restricted Waste Notification (Category 2)
I notify that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste does not comply with the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated by the appropriate regulatory treatment standard or in such a manner which renders it non-liquid by chemical fixation or solidification prior to land disposal. Corresponding treatment standard Less than treatment standards (CWE, 268.42

X Restricted Waste Variance Certification/Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) and certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

Applicable Variance 5-8-93

___ Treated Waste Certification (Category 4)

___ (4a) I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR Part 268, Subpart D, and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

___ (4b) I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR Part 264, Subpart O or Part 265, Subpart O, or by combustion in fuel substitution units operating in accordance with applicable technical requirements, and I have been unable to detect the nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

___ Restricted Waste Notification (Category 5)
I notify that I have personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste does comply with the treatment standards specified in 40 CFR 268, Subpart D.

SIGNATURE: Barry L. Sams DATE: 5-5-93

PRINT NAME: Barry L. Sams TITLE: Environmental Engineer

South Carolina Department of Health and Environmental Control

Bureau of Solid & Hazardous Waste Mgt.
2600 Bull Street, Columbia, SC 29201
Phone (803) 734-5200
Emergency & Holidays (803)253-6488

PLEASE PRINT or TYPE (Form designed for use on elite (12-pitch) typewriter) Form Approved. OMB No. 2050-0039 Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's U.S. EPA ID No. NJD986489543 Manifest Document No. 93004

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is by State law.

3. Generator's Name and Mailing Address
NL Industries, Inc.
PO Box 1090, Hightstown, NJ 08520
Site Address:
1050 State Street
Perth Amboy, NJ 08862

4. Generator's Phone (609) 443-2410

A. State Manifest Document Number

B. State Generator's ID

5. Transporter 1 Company Name: KEI Industrial Services, Inc.

6. U.S. EPA ID Number: PAD987284171

C. State Transporter's ID: T822UH NJ

D. Transporter's Phone: 800-762-2110

7. Transporter 2 Company Name

8. U.S. EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
GSX Chemcial Services, Inc.
Rte 1 Box 255
Pinewood, South Carolina

10. U.S. EPA ID Number: SCD097037598

G. State Facility's ID: Same

H. Facility's Phone: 803-452-5003

GENERATOR

11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
HM					
a. RQ Hazardous Waste Solid, N.O.S. ORM-E NA9189 D008	001	DT	44000	P	D008
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
Battery casings debris 100%
a. PW-05679-14101
b.
c.
d.

K. Handling Codes for Wastes Listed Above

15. Special Handing Instructions and Additional Information
erg #31 qty in 13a is est.
24 hr emergency #: 609-588-6357
Keith Goisse (OHM)
Job # 14296
WO # 172539
NJDEP S50066 Decal # 46793

Public reporting burden for this collection of information is estimated to average 37 minutes for generators, 15 minutes for transporters, and 16 minutes for treatment storage and disposal facilities. This includes time for reviewing instructions, gathering data, and completing and reviewing the form. Send comments regarding the burden estimate, including suggestions for reducing the burden, to Chief, Information Policy Branch PM-223, U.S. Environmental Protection Agency, 401 M St., S.W., Washington, D.C. 20460, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503.

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If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Barry L. Sams
Signature: [signature]
Month Day Year: 05 06 93

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: CHARLES F. SPENCER
Signature: [signature]
Month Day Year: 05 06 93

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

Discrepancy Indication Space

a. Quantity lbs. c. Wt/Vol
b. Type d. Residue

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name
Signature
Month Day Year

EPA Form 8700-22 (Rev. 9-88) Previous Editions are Obsolete. DHEC 1088 (Rev. 4/90)

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Generator Name/Location: NL Industries, 1050 State Street, Perth Amboy, NJ 08862

EPA I.D. Number: NJD986648954

Waste Profile or ARF Number: PW

Manifest Number: 93004

EPA Hazardous Waste Number(s): D008

Waste Analysis Available? YES _____ NO X If yes, please attach copy.

___ Unrestricted Waste Notification (Category 1)
I notify that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

X Restricted Waste Notification (Category 2)
I notify that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste does not comply with the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated by the appropriate regulatory treatment standard or in such a manner which renders it non-liquid by chemical fixation or solidification prior to land disposal. Corresponding treatment standard Less than treatment standards 268.42 CCWE

X Restricted Waste Variance Certification/Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) and certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

Applicable Variance 5-8-93

___ Treated Waste Certification (Category 4)

___ (4a) I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR Part 268, Subpart D, and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

___ (4b) I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR Part 264, Subpart O or Part 265, Subpart O, or by combustion in fuel substitution units operating in accordance with applicable technical requirements, and I have been unable to detect the nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

___ Restricted Waste Notification (Category 5)
I notify that I have personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste does comply with the treatment standards specified in 40 CFR 268, Subpart D.

SIGNATURE: [signature] DATE: 5-5-93

PRINT NAME: Barry L. Sams TITLE: Environmental Engineer

South Carolina Department of Health and Environmental Control

Bureau of Solid & Hazardous Waste Mgt
2600 Bull Street, Columbia, SC 29201
Phone (803) 734-5200
Emergency & Holidays (803)253-6488

PLEASE PRINT or TYPE (Form designed for use on elite (12-pitch) typewriter) Form Approved OMB No. 2050-0039 Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's U.S. EPA ID No: NJ P000 799 749 — Manifest Document No: 9305
2. Page 1 of 1

Information in the shaded areas is not required by Federal law but is by State law.

3. Generator's Name and Mailing Address
NL Industries, Inc.
PO Box 1090, Hightstown, NJ 08520

Site Address:
1050 State Street
Perth Amboy, NJ 08862

4. Generator's Phone: (609) 443-2410

5. Transporter 1 Company Name: Industrial/Marine Services, Inc. — 6. U.S. EPA ID Number: NJD981873664
~~KET Industrial Services, Inc.~~ ~~NJD985704844~~

7. Transporter 2 Company Name — 8. U.S. EPA ID Number

9. Designated Facility Name and Site Address
GSX Chemcial Services, Inc.
Rte 1 Box 255
Pinewood, South Carolina

10. U.S. EPA ID Number: SCD 070 375 985

A. State Manifest Document Number
B. State Generator's ID
C. State Transporter's ID: T923GC NJ
D. Transporter's Phone: ~~800-764-2110~~
E. State Transporter's ID: 908-756-4200
F. Transporter's Phone
G. State Facility's ID: Same
H. Facility's Phone: 803-452-5003

11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
HM a. RQ Hazardous Waste Solid, N.O.S. ORM-E NA9189 D008	001	DT	44000	P	D008
b.					
c.					

J. Additional Descriptions for Materials Listed Above
Battery casings debris 100%
a. PW-095679-4101
b. ___
c. ___
d. ___

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
erg #31 qty. in 13a is est.
24 hr emergency #: 609-588-6357 Keith Goisse (OHM)
Job # 14296
WO # 173042
NJDEP # 10340 (KG) NJ Decal # 45998

Public reporting burden for this collection of information is estimated to average 37 minutes for generators, 15 minutes for transporters, and 10 minutes for treatment storage and disposal facilities. This includes time for reviewing instructions, gathering data and completing and reviewing the form. Send comments regarding the burden estimate, including suggestions for reducing this burden to Chief Information Policy Branch PM-223, U.S. Environmental Protection Agency, 401 M St. S.W. Washington, D.C. 20460, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington D.C. 20503.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina.

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Printed/Typed Name: Barry L. Sams — Signature: [signature] — Month Day Year: 05 06 93

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Stacy L. Nier — Signature: [signature] — Month Day Year: 05 06 93

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

FACILITY

Discrepancy Indication Space
a ___ lbs c ___ lbs
b ___ lbs d ___ lbs

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name — Signature — Month Day Year

EPA Form 8700 (Rev. 9/88) Previous Editions are Obsolete (DHEC 1988 (Rev. 5/89))

LAIDLAW ENVIRONMENTAL SERVICES

CUSTOMER NOTIFICATION AND CERTIFICATION

Only Statements with Original Signatures will be Accepted!

Generator Name/Location: NL Industries, 1050 State Street, Perth Amboy, NJ 08862

EPA I.D. Number:

Waste Profile or ARF Number:

Manifest Number: 93005

EPA Hazardous Waste Number(s): D008

Waste Analysis Available? YES ____ NO X If yes, please attach copy.

___ Unrestricted Waste Notification (Category 1)
I notify that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

X Restricted Waste Notification (Category 2)
I notify that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste does not comply with the treatment standards specified in 40 CFR 268, Subpart D. Waste must be treated by the appropriate regulatory treatment standard or in such a manner which renders it non-liquid by chemical fixation or solidification prior to land disposal. Corresponding treatment standard
Less than treatment standards 268.42 CWE

X Restricted Waste Variance Certification/Notification (Category 3)
I notify pursuant to 40 CFR 268.7(a)(3) and certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

Applicable Variance 5-8-93

___ Treated Waste Certification (Category 4)

___ (4a) I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR Part 268, Subpart D, and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

___ (4b) I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR Part 264, Subpart O or Part 265, Subpart O, or by combustion in fuel substitution units operating in accordance with applicable technical requirements, and I have been unable to detect the nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

___ Restricted Waste Notification (Category 5)
I notify that I have personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste does comply with the treatment standards specified in 40 CFR 268, Subpart D.

SIGNATURE: Barry L. Sams DATE: 5-5-93

PRINT NAME: Barry L. Sams TITLE: Environmental Engineer

INSTRUCTIONS FOR THE COMPLETION OF THIS FORM ARE ON A SEPARATE SHEET

THIS DOCUMENT MUST BE USED FOR ALL MISSOURI-DESTINED SHIPMENTS

MISSOURI DEPARTMENT OF NATURAL RESOURCES
Division of Environmental Quality
Waste Management Program
P.O. Box 176 Jefferson City, Missouri 65102
314-751-3176

HAZARDOUS WASTE MANIFEST

EMERGENCY RESPONSE
U.S. COAST GUARD
1-800-424-8802
CHEM TREC
1-800-424-9300
DEPT OF NATURAL RESOURCE
314-634-2436

Form Approved OMB No 2050-0039, Expires 9-30-91

Please print or type (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NJD986648954 Manifest Document No. 93007

2. Page 1 of 1

Information in the shaded areas is required by State law.

A. Missouri Manifest Document Number [redacted]

3. Generator's Name and Mailing Address: NL Industries, Inc. P.O. Box 1090 Hightstown New Jersey 08520

4. Generator's Phone 609 443 2410

B. G.S.I. (Gen. Site Address) 1050 State St. Perth Amboy NJ 08862

5. Transporter 1 Company Name: Hazmat Environmental Group, Inc.

6. US EPA ID Number: NYD980769947

C. MO. Trans. # 1504 11499P NY

D. Transporter's Phone 716-827-7200

7. Transporter 2 Company Name

8. US EPA ID Number

E. MO. Trans. ID

F. Transporter's Phone

9. Designated Facility Name and Site Address: USPCI 1628 West 9th Street Kansas City, Missouri 64101

10. US EPA ID Number: MOD069277549

G. State Facility's ID: Same

H. Facility's Phone 816-221-6826

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol.	I. Waste No.
a. RQ Hazardous substance, liquid, n.o.s., ORM-E, NA9188 (PCB oil)	001	TT	08573	K	EPA WASTE CODE / STATE MO04
b.					EPA WASTE CODE / STATE
c.					EPA WASTE CODE / STATE
					EPA WASTE CODE / STATE

J. Additional Descriptions for Materials Listed Above
a. (T,L) PCB oil 100% 400,000 ppm PCB
b.
c.
d.

K. HANDLING CODE (FACILITY USE ONLY)	INTERIM	FINAL	COMMENTS
a.			
b.			
c.			
d.			

15. Special Handling Instructions and Additional Information: PCB Manifest
Veg #31 Out of service date is 5-14-93
NJ Decal # 47204
Job# 14296
24 hr emergency # 609-588-6357 (OHM) Keith Goisse

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and applicable state regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method available to me that I can afford.

Printed/Typed Name: [illegible] Signature: [illegible] Date Month Day Year: 1 4 1 3

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: WALTER J BARNEY Signature: Walter J Barney Date Month Day Year: 05 14 93

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Signature: Date Month Day Year:

19. Discrepancy Indication Space

FACILITY

20. Designated Facility Owner or Operator. Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Signature: Date Month Day Year:

GENERATOR COPY — PART 6

IMPORTANT — SEE INSTRUCTIONS SHOULD PART 1 & 2 FAIL TO RETURN

EPA Form 8700-22 (Rev. 2-91) MDNR-HWG 10 PREVIOUS EDITIONS ARE OBSOLETE

VHW-001 (REV. 9/86)

State of New Jersey
Department of Environmental Protection
Division of Hazardous Waste Management
Manifest Section
CN 028, Trenton, NJ 08625

Form Approved. OMB No. 2050 0039. Expires 9-30-94

Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NJD986164895 Manifest Document No. 0038

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

A. State Manifest Document Number NJA 1518527

B. State Generator's ID 1050 State St. Perth Amboy, NJ 08862

C. State Trans. ID NJD045813617

D. Transporter's Phone (713) 350-7228

E. State Trans. ID

F. Transporter's Phone ( )

G. State Facility's ID Same

H. Facility's Phone (215 425-5144

3. Generator's Name and Mailing Address
N.L. Industries Inc.
P.O. Box 1090, New Jersey 08520
Hightstown

4. Generator's Phone (609) 443-2410

5. Transporter 1 Company Name: USPCI

6. US EPA ID Number: TXD988052494

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address
PPM, Inc.
4105 Whitaker
Philadelphia, PA 19124

10. US EPA ID Number: PAD981113749

	11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	NON HAZADOUS PER DOT + TSCA REGULATONS NON Regulared Non-TSCA, Non-DOT Material	002	PT	01581	Kg	NONE ~~X75~~
b.						
c.						
d.						

J. Additional Descriptions for Materials Listed Above
a. Transformer Oil <50ppm (L)
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a.
b.
c.
d.

15. Special Handling Instructions and Additional Information removed from service 5-1-93
a. Contents from T-3, T-4, T-5, T-10, T-11
ERG #31
Job #14296 Plate # 116-SAA OK Decal # 43213
24 hr. emergency # 800 562-2953 Keith Goisse (OHM)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: BARRY L. SAMS — Signature: Barry L. Sams — Month Day Year: 10 5 2 4 93

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: RICHARD G. REED — Signature: Richard G. Reed — Month Day Year: 10 5 2 4 93

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name — Signature — Month Day Year

GENERATOR — TRANSPORTER — FACILITY

In case of an emergency or spill immediately call the state the emergency occurred in and the 24-hr. emergency number on page 1 of this manifest.

EPA Form 8700-22 (Rev. 9/88) Previous editions are obsolete.

SIGNATURE AND INFORMATION *MUST* BE LEGIBLE ON ALL COPIES

1 — TSD MAIL TO - TSD'S STATE

VHW-001 (REV. 9/86)

State of New Jersey
Department of Environmental Protection
Division of Hazardous Waste Management
Manifest Section
CN 028, Trenton, NJ 08625

Form Approved. OMB No. 2050-0039. Expires 9-30-94

Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NJ D 9 8 6 6 4 8 9 5 4 9 Manifest Document No. 0 0 4

2. Page 1 of 4

Information in the shaded areas is not required by Federal law.

A. State Manifest Document Number NJA 1518528

3. Generator's Name and Mailing Address
N. L. Industries, Inc.
P.O. Box 1090
Hightstown, NJ 08520

4. Generator's Phone (609) 443-2410

B. State Generator's ID
1050 State St.
Perth Amboy, NJ 08862

5. Transporter 1 Company Name: U.S.P.C.I.

6. US EPA ID Number: T X D 9 8 8 0 5 2 4 9 1 4

C. State Trans. ID NJDEPS 813617

7. Transporter 2 Company Name

8. US EPA ID Number

D. Transporter's Phone (713) 350-7228

E. State Trans. ID

9. Designated Facility Name and Site Address
Transcore, Inc.
1672 East Highland Road
Twinsburg, Ohio 44087

10. US EPA ID Number: O H D 9 8 6 9 7 5 3 9 9

F. Transporter's Phone ( )

G. State Facility's ID Same

H. Facility's Phone (216) 425-3825

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Hazardous substance liquid, N.O.S. RQ ORM-E (PCB oil) NA9188	X	003	DM	00800	K	X 7 5 0
b. Non-TSCA, Non-DOT Material NON HAZARDOUS, NON REGULATED PER DOT + TSCA Regulations		001	DM	002250	K	NONE
c. Hazardous substance solid, N.O.S., RQ ORM-E (contaminated with PCBs from spill) NA9188 Debris	X	023	DM	06900	K	X 7 5
d.						

J. Additional Descriptions for Materials Listed Above
a. (PCB oil 100%) 400,000 ppm (T,L)
b. Water with less than 5 ppm PCB's (L)
c. Soil contaminated with 200,000 ppm PCB's 100% (T,S)
d.

K. Handling Codes for Wastes Listed Above
a. c.
b. d.

15. Special Handling Instructions and Additional Information removed from service 5-1-93
a. NL-01, 02, 03, erg #31 Taken from T-7, T-13, T-14
b. NL-04 From T-9
c. NL, 05-27 erg#31 Plate#1165AA OK Decal#43213
24 hr. emergency # 800-562-2953 Keith Goisse (OHM)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: BARRY L. SAMS
Signature: Barry L. Sams
Month Day Year: 10 5 2 4 9 3

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: RICHARD G. REED
Signature: Richard G. Reed
Month Day Year: 10 5 2 4 9 3

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name
Signature
Month Day Year

GENERATOR

TRANSPORTER

FACILITY

In case of an emergency or spill immediately call the state the emergency occurred in and the N.J. Dept. of Environmental Protection. (609) 292-5560 (Day) (609) 292-7172 (Night)

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

SIGNATURE AND INFORMATION MUST BE LEGIBLE ON ALL COPIES

1 — TSD MAIL TO - TSD'S STATE

VHW-001 (REV. 9/86)

State of New Jersey
Department of Environmental Protection
Division of Hazardous Waste Management
Manifest Section
CN 028, Trenton, NJ 08625

Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 8-30-84

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NJD981664895 13 0 10 Manifest Document No.
2. Page 1 of 2
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
NL Industries, Inc.
P.O. Box 1090
Hightstown, New Jersey 08520
4. Generator's Phone (609) 443-2410

A. State Manifest Document Number NJA 1518524
B. State Generator's ID 1050 State St. Perth Amboy, NJ 08862
C. State Trans. ID NJDEP 150 60
D. Transporter's Phone 716 827-7260
E. State Trans. ID 150
F. Transporter's Phone ( )
G. State Facility's ID SAME
H. Facility's Phone (215) 425-5144

5. Transporter 1 Company Name: Hazmat Environmental Group, Inc. 6. US EPA ID Number: WYD980769947
7. Transporter 2 Company Name: HAZMAT ENVIRONMENTAL GROUP INC. 8. US EPA ID Number: WYD980769947
9. Designated Facility Name and Site Address: PPM, Inc. 4105 Whitaker Avenue Philadelphia, Pennsylvania 19124 10. US EPA ID Number: PAD981113749

GENERATOR

	11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) HM		12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
a.	X	RQ Hazardous substance solid, n.o.s., ORM-E, (PCB ~~contaminated electrical equipment~~ NA9188 ~~drained~~ 100%	006	CM	170	K	X175
b.							
c.							
d.							

J. Additional Descriptions for Materials Listed Above
PCB greater than 500ppm
a. (T,S) c.
b. d.

K. Handling Codes for Wastes Listed Above
a. c.
b. d.

15. Special Handling Instructions and Additional Information
A. erg# 31 T-6, T-7, T-8, T-12 T-13, T-14 Out of service date is 5-1-93 (be removed from service for disposal is 5-1-93) 24 hr. emergency # 800-562-2953
Job # 14296 NJ Decal # 47443 243 Plate # 1595PNY Keith Goisse (OHM)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
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Printed/Typed Name: Barry L. Sams Signature: Barry L. Sams Month Day Year: 10 6 0 2 1 9 3

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Richard J. Barry Signature: Richard J. Barry Month Day Year: 10 6 0 2 1 9 3
18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Signature: Month Day Year:

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Signature: Month Day Year:

In case of an emergency or spill immediately call the state the emergency occurred in or the N.J. Dept. of Environmental Protection, (609) 292-5580 (Day) (609) 292-7172 (Night)

EPA Form 8700-22 (Rev. 9/88) Previous editions are obsolete.

SIGNATURE AND INFORMATION *MUST* BE LEGIBLE ON ALL COPIES

1 — TSD MAIL TO - TSD'S STATE

CONTINUATION SHEET

Generator Name: NL Industries Inc. Date: 6-2-93

Address: 1050 State St. EPA ID#: NJD986648955

City, State: Perth Amboy, NJ Contact: Barry Sams

Manifest #: NJA1518524 Telephone: 609-443-241

Unique ID #	Date Removed from Service for Disposal	Serial #	Container Type	Container Contents	PCB Level (ppm)	Weight (kgs)
T-6	5-1-93	8028326G3	CM	Transformer	480 K	4,100
T-12	5-1-93	8109496	CM	Transformer	537 K	4,100
T-7	5-1-93	8037705	CM	Transformer	388 K	4,275
T-8	5-1-93	8037704	CM	Transformer	400 K	4,275
T-13	5-1-93	7896084	CM	Transformer	>500	150
T-11	5-1-93	7896083	CM	Transformer	>500	150

S. 3/HW-001 (REV. 9/88)

State of New Jersey
Department of Environmental Protection
Division of Hazardous Waste Management
Manifest Section
CN 028, Trenton, NJ 08625

Form Approved. OMB No. 2050-0039. Expires 9-30-94

Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N J D 9 8 6 6 4 8 9 5 4 9 — Manifest Document No. 3 0 1 1

2. Page 1 of 2

Information in the shaded areas is not required by Federal law.

A. State Manifest Document Number NJA 1518534

B. State Generator's ID 10301 State St. Perth Amboy, NJ 08862

C. State Trans. ID NJDEP# S 8 3 6 7

D. Transporter's Phone (713) 350-7228

E. State Trans. ID

F. Transporter's Phone ( )

G. State Facility's ID SAME

H. Facility's Phone (215) 425-5144

3. Generator's Name and Mailing Address
NL Industries, Inc.
P.O. Box 1090
Hightstown, New Jersey 08520

4. Generator's Phone (609) 443-2410

5. Transporter 1 Company Name: USPCI

6. US EPA ID Number: T X D 9 8 8 0 5 2 4 9 4

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address
PPM, Inc.
4105 Whitaker Avenue
Philadelphia, Pennsylvania 19124

10. US EPA ID Number: P A D 9 8 1 1 1 3 7 4 9

GENERATOR

	11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	Non-Hazardous per DOT & TSCA Regulations Non-Regulated material	008	CM	07210	K	NONE
b.						
c.						
d.						

J. Additional Descriptions for Materials Listed Above
a. Transformers less than 50 ppm (P) 100%
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a.
b.
c.
d.

15. Special Handling Instructions and Additional Information
a. Drained transformers T-1,T-2,T-3,T-4,T-5,T-9,T-10,T-11
Date removed from service for disposal is 5-1-93
Job # 14296 NJ Decal # 47544 Plate# 7778AP OK

24 hr emergency # 800-562-2953 Keith Goisse (OHM)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: Barry L. Sams — Signature: Barry L. Sams — Month Day Year: 0 6 0 4 9 3

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Richard G Reed — Signature: Richard G. Reed — Month Day Year: 0 6 0 4 9 3

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name — Signature — Month Day Year

In case of an emergency or spill immediately call the state the emergency occurred in and the N.J. Dept. of Environmental Protection. (609) 292-5560 (Day) (609) 292-7172 (Night)

EPA Form 8700-22 (Rev. 9/88) Previous editions are obsolete.

SIGNATURE AND INFORMATION *MUST* BE LEGIBLE ON ALL COPIES

1 — TSD MAIL TO - TSD'S STATE

CONTINUATION SHEET
(<500ppm PCB article or container)

DRS: DATE REMOVED FROM SERVICE.

GEN. UNIQUE ID#	SERIAL NUMBER	DIMENSION (INCHES)	WEIGHT (kg)	KVA	DRS	PCB level (ppm)
T-1	3410506	72" 60" 34"	1570	250		<500
T-2	802832 6G3	36" 34" 18"	180	20		5.68
T-3	1520302	68" 38" 34"	910	75		9.41
T-4	1520301	68" 38" 34"	910	75		7.57
T-5	1520300	68" 38" 34"	910	75		7.63
T-9	1525622	68" 38" 31"	910	150		<2.42
T-10	1525624	68" 38" 31"	910	150		11.9
T-11	1525623	68" 38" 31"	910	150		16.6

Attach any lab results that are pertinent to the above material. The following certification must be signed.

I certify that the above information is true and correct to the best of my knowledge. All material is less than 500ppm PCB, and drained of all free flowing liquids. Therefore, it is not regulated by 40 CFR part 761.

SIGNATURE: [illegible] TITLE: Prin. Env. Engineer DATE: 6/4/93

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES
Bureau of Waste Management
P. O. Box 8550
Harrisburg, PA 17105-8550
OFFICIAL PENNSYLVANIA MANIFEST FORM

AND CHEMOTHERAPEUTIC WASTE.

Form approved. OMB No. 2050-0039 Expires 9-30-92

ER-WM-51 REV. 1/91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NJ 0986648954 Manifest Document No. 93012

2. Page 1 of 1

Information in the shaded areas is not required by Federal law but is required by State law.

A. State Manifest Document Number: PAC 6078063

B. State Gen. ID: 1050 Smith St Perth Amboy 08862

C. State Trans. ID: PA- AA 101 76

D. Transporter's Phone: 215 267-2220

E. State Trans. ID: PA-

F. Transporter's Phone: ( )

G. State Facility's ID: Same

H. Facility's Phone: (215) 927-9004

3. Generator's Name and Mailing Address: NL Industries, Inc. P.O. Box 1090 Hightstown, New Jersey 08520

4. Generator's Phone (609) 443-2410

5. Transporter 1 Company Name: Horwith Trucks, Inc.

6. US EPA ID Number: PA D064035819

7. Transporter 2 Company Name:

8. US EPA ID Number:

9. Designated Facility Name and Site Address: Ende General Battery Corp. Spring Valley Road & Nolan Street Reading, Pennsylvania 19605

10. US EPA ID Number: PAD990753089

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers

13. Total Quantity

14. Unit Wt/Vol

Waste No.

	HM	11. US DOT Description	12. No.	12. Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a.	X	RQ Hazardous waste solid, n.o.s. ORM-E NA9189 (Lead metallic 100%)	001	DM	00300	P	D008
b.							
c.							
d.							

Additional Descriptions for Materials Listed Above

	Lab Pack	Physical State		Lab Pack	Physical State
a.		S (T, S)	c.		
b.			d.		

K. Handling Codes for Wastes Listed Above

a. c. b. d.

15. Special Handling Instructions and Additional Information

a. erg # 31

24 hr emergency # 800-562-2953 Keith Goisse (OHM)

Plate # TV40946 Pa. NJ Decal # 4353 NJ DEP # 57110

bb # 14296 PO # 351969

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If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Gary L. Sams — Signature: Gary L. Sams — Month 07 Day 23 Year 93

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: John Meyer Jr. — Signature: John Meyer Jr. — Month 07 Day 23 Year 93

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: — Signature: — Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: — Signature: — Month Day Year

GENERATOR — TRANSPORTER — FACILITY

In case of an emergency or spill immediately call the National Response Center (800) 424-8802

EPA Form 8700-22 (Rev. 9/88) Previous editions are obsolete

Copy 3 - Generator Mail to Destination State

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES
Bureau of Waste Management
P. O. Box 8550
Harrisburg, PA 17105-8550
OFFICIAL PENNSYLVANIA MANIFEST FORM

AND CHEMOTHERAPEUTIC WASTE

Form approved.
OMB No. 2050-0039
Expires 9-30-92

ER-WM-51 REV. 1/91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NJD 986648954 — Manifest Document No. 9330 13

2. Page 1 of 1

Information in the shaded areas is not required by Federal law but is required by State law.

A. State Manifest Document Number: PAC 6078015

B. State Gen. ID: 1050 STATE ST. PERTH AMBOY, NJ 08862

3. Generator's Name and Mailing Address
NL INDUSTRIES, INC.
P.O. BOX 1090
HIGHTSTOWN, NEW JERSEY 08520

4. Generator's Phone (609) 443-2410

5. Transporter 1 Company Name: HORWITH TRUCKS, INC.

6. US EPA ID Number: PAD064035819

C. State Trans. ID: PA- AH 10776

D. Transporter's Phone: (215) 261-2220

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Trans. ID: PA-

F. Transporter's Phone: ( )

9. Designated Facility Name and Site Address
REPUBLIC ENVIRONMENTAL SYSTEMS, INC.
2869 SANDSTONE DRIVE
HATFIELD, PENNSYLVANIA 19440

10. US EPA ID Number: PAD 085690592

G. State Facility's ID: SAME

H. Facility's Phone: (215) 822-8995

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. X RQ ENVIRONMENTALLY HAZARDOUS SUBSTANCE SOLID,N.O.S. 9, UN3077, (LEAD CONTAMINATED TITANIUM DIOXIDE & CLAY 100%)	036	DM	14400	P	D008
b. X WASTE CHEMICAL PROCESS LIQUID, NON-RCRA, NON-DOT	004	DM	00200	G	X99
c.					
d.					

J. Additional Descriptions for Materials Listed Above

	Lab Pack	Physical State		Lab Pack	Physical State
a.		S	(T,S) WD31810	c.	
b.		L	(L) ED31809	d.	

K. Handling Codes for Wastes Listed Above
a. c.
b. d.

15. Special Handling Instructions and Additional Information
A. ERG # 31
B. ERG # 31

24 HOUR EMERGENCY CONTACT
KEITH GOISSE (OHM)
800-562-2953

Plate#TU40946 Pa.

JOB # 14296 PO # 351967 NJDEP # 57110 NJ DECAL # 43953

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: BARRY L. SAMS — Signature — Month Day Year: 10 7 93

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JOHN MEYER JR. — Signature — Month Day Year: 10 7 93

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name — Signature — Month Day Year

GENERATOR

In case of an emergency or spill immediately call the National Response Center (800) 424-8802 and the PA DER (717) 787-3946

EPA Form 8700-22 (Rev. 9/88) Previous editions are obsolete

Copy 2 - Generator: Mail to Destination State

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES
Bureau of Waste Management
P. O. Box 8550
Harrisburg, PA 17105-8550
OFFICIAL PENNSYLVANIA MANIFEST FORM

FOR SHIPMENT OF HAZARDOUS, INFECTIOUS AND CHEMOTHERAPEUTIC WASTE.

Form approved. OMB No. 2050-0039 Expires 9-30-92

ER-WM-51 REV. 1/91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NJD986648954 — Manifest Document No. 9301

2. Page 1 of 1

Information in the shaded areas is not required by Federal law but is required by State law.

A. State Manifest Document Number: PAC 6078052

B. State Gen. ID: 1050 State St. Perth Amboy, NJ 08862

C. State Trans. ID: PA- AA 10176

D. Transporter's Phone: (215) 261-2220

E. State Trans. ID: PA-

F. Transporter's Phone: ( )

G. State Facility's ID: SAME

H. Facility's Phone: (215) 822-8995

3. Generator's Name and Mailing Address
NL Industries, INC.
P.O. Box 1090
Hightstown, New Jersey 08520

4. Generator's Phone (609) 443-2410

5. Transporter 1 Company Name: HORWITH TRUCKS, INC,

6. US EPA ID Number: PAD064035819

7. Transporter 2 Company Name:

8. US EPA ID Number:

9. Designated Facility Name and Site Address
REPUBLIC ENVIRONMENTAL SYSTEMS, INC.
2869 SANDSTONE DRIVE
HATFIELD, PENNSYLVANIA 19440

10. US EPA ID Number: PAD085690592

GENERATOR

	11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. X	RQ WASTE FLAMMABLE LIQUID, NOS.S. 3, UN1993 (BENZENE 75%, XYLENE 25%) F003,F005,D018	4 02	DM	200 01	G	D001
b. X	WASTE OXIDIZING SUBSTANCES,SOLID,N.O.S. 50% 5.1, UN1479, (CALCIUM HYPOCHLORITE 50%, SODIUM HYPOCHLORITE)	015	DM	03000	P	D001
c. X	RQ WASTE CORROSIVE SOLID, N.O.S., CORROSIVE MATERIAL,(SODIUM HYDROXIDE 100%) UN1759 D005	002	DM	00800	P	D008
d. X	WASTE POISONOUS LIQUID, CORROSIVE,N.O.S. ZONE A, 6.1, UN2927 (SODIUM CYANIDE 50 %, SODIUM HYDROXIDE 50%) D003,D002	002	DM	00070	G	P030

J. Additional Descriptions for Materials Listed Above

	Lab Pack	Physical State			Lab Pack	Physical State	
a.		L	(I,T,L) ED31807	c.		S	(C,T,S) WD31812
b.		S	(I,S) AD31814	d.		L	(R,T,C,L) AD31815

K. Handling Codes for Wastes Listed Above
a. c.
b. d.

15. Special Handling Instructions and Additional Information
A. ERG # 27
B. ERG # 31
C. ERG # 31
D. ERG # 31

24 HOUR EMERGENCY CONTACT
KEITH GOISSE (OHM)
800-562-2953

Plate #TV40946 Pa.

JOB # 14296 PO $ 351967 NJDEP $57110 NJ DECAL # 43953

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: BARRY L. SAMS — Signature: Barry Sams — Month 07 Day 26 Year 93

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: John Meyer Jr. — Signature: John Meyer Jr. — Month 07 Day 27 Year 93

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: — Signature: — Month Day Year

In case of an emergency or spill immediately call the National Response Center (800) 424-8802 and the PA State Police (717) 783-7436

FAX 01/08/02

EPA Form 8700-22 (Rev. 9/88) Previous editions are obsolete

State of New Jersey
Department of Environmental Protection
Division of Hazardous Waste Management
Manifest Section
CN 028, Trenton, NJ 08625

Form Approved, OMB No. 2050-0039. Expires 8-92

Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. / Manifest Document No.: NJD 986 489 241 / 3D 715
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: NL Industries Inc. P.O. Box 1090 Hightstown New Jersey 08520
4. Generator's Phone: 609 443 2410
A. State Manifest Document Number: NJA 1518 [illegible]
B. State Generator's ID: [illegible]
C. State Transporter's ID: [illegible]
D. Transporter 1 Phone: [illegible]
E. State Trans. ID No.: [illegible]
F. Transporter's Phone: [illegible]
G. State Facility's ID: SCMG
H. Facility's Phone: [illegible]

5. Transporter 1 Company Name: Hornik Trucks, Inc.
6. US EPA ID Number: PAD 004 033 819
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address: Cycle Chem, Inc. 317 South First Street Elizabeth, New Jersey 19605
10. US EPA ID Number: NJD 000 22[illegible] 00046

	11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	
a.	RQ Hazardous waste solid, n.o.s., ORM-E NA9189 D008	X	001	DM	00300	P	[illegible]
b.							
c.							
d.							

J. Additional Descriptions for Materials Listed Above
a. Lead, Metallic 100% EX001 (T,S)
b.

K. Handling Codes for Wastes Listed Above
a. c.
b. d.

15. Special Handling Instructions and Additional Information
a. Erg #31 24 hr emergency # 800-562-2855
Lot # 14296 Plate # TK-20[illegible] Decal # 43953 Keith Gause (6[illegible])

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: [illegible] Signature: [illegible] Month Day Year: 10 [illegible]

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: [illegible] Signature: [illegible] Month Day Year: [illegible]

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Signature: Month Day Year:

19. Discrepancy Indication Space

Form 8700-22 (Rev. 9-89) Previous editions are obsolete. SIGNATURE AND INFORMATION MUST BE LEGIBLE ON ALL COPIES

GENERATOR

(1) Disposal Facility Copy (2) Generator's Copy

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES
Bureau of Waste Management
P. O. Box 8550
Harrisburg, PA 17105-8550
OFFICIAL PENNSYLVANIA MANIFEST FORM

Form approved. OMB No. 2050-0039 Expires 9-30-92

ER-WM-51 REV. 1/91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N J D 986 6 6 4 8 9 5 4 | Manifest Document No. 9 330 1 6

2. Page 1 of 1

Information in the shaded areas is not required by Federal law but is required by State law.

A. State Manifest Document Number PAC 6078833

3. Generator's Name and Mailing Address
NL Industries, Inc.
P.O. Box 1090
Hightstown, New Jersey 08520

B. State Gen. ID 1050 State St.
Perth Amboy, NJ 08862

4. Generator's Phone (609) 443-2410

5. Transporter 1 Company Name
Horwith Trucks, Inc.

6. US EPA ID Number P A D 0 6 4 0 3 5 8 1 9

C. State Trans. ID PA- A H 0 1 7 6

D. Transporter's Phone (215) 261-2220

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Trans. ID PA-

9. Designated Facility Name and Site Address
Republic Environmental Systems, Inc.
2869 Sandstone Drive
Hatfield, Pennsylvania 19440

10. US EPA ID Number P A D 0 8 5 6 9 0 5 9 2

F. Transporter's Phone ( )

G. State Facility's ID SAME

H. Facility's Phone (215822-8995

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
HM a. RQ Environmentally HazardousSubstance, solid, n.o.s., 9, UN3077 (1R0 Lead contaminated titanium dioxide & clay)	015	B M	06000	P	D 0 0 8
b. Waste Chemical Process Solid Non-DOT, Non-RCRA	020	DMM	02000	P	N O N E
c.					
d.					

J. Additional Descriptions for Materials Listed Above

	Lab Pack	Physical State	Lab Pack	Physical State
a.		$ WD31810 (T,S)	c.	
b.		S (S)	d.	

K. Handling Codes for Wastes Listed Above
a. c.
b. d.

15. Special Handling Instructions and Additional Information
a. erg#31
b. erg#31

NJDEPE #57011
Plate #7513082 Pa.
NJ Decal #43995

24nhr emergency #
Keith Goisse(OHM)
800-562-2953

JOB # 14296 PO # 351967

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: Barry L. Sams
Signature:
Month 08 Day 19 Year 93

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Ed Hoffman
Signature:
Month 08 Day 19 Year 93

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name:
Signature:
Month Day Year

GENERATOR — TRANSPORTER — FACILITY

In case of an emergency or spill immediately call the

EPA Form 8700-22 (Rev. 9/88) Previous editions are obsolete

Copy 8: Generator Mail to Destination State

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES
Bureau of Waste Management
P. O. Box 8550
Harrisburg, PA 17105-8550

FOR SHIPMENT OF HAZARDOUS, INFECTIOUS AND CHEMOTHERAPEUTIC WASTE

Form approved. OMB No. 2050-0039 Expires 9-30-92

ER-WM-51 REV. 1/91

OFFICIAL PENNSYLVANIA MANIFEST FORM

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NJD 9 8 6 6 4 8 9 5 4 — Manifest Document No. 9 3 0 1 7

2. Page 1 of 1

Information in the shaded areas is not required by Federal law but is required by State law.

A. State Manifest Document Number: PAC 6078844

3. Generator's Name and Mailing Address: NL Industries, Inc.
P.O. Box 1090
Hightstown, New Jersey 08520

B. State Gen. ID: 1050 State St. Perth Amboy, NJ 08862

4. Generator's Phone (609) 443-2410

5. Transporter 1 Company Name: Horwith Trucks, Inc. — 6. US EPA ID Number: PAD 6 6 4 0 3 5 8 1 9

C. State Trans. ID: PA- A H 0 1 7 6

7. Transporter 2 Company Name — 8. US EPA ID Number

D. Transporter's Phone: (215) 261-2220

E. State Trans. ID: PA-

9. Designated Facility Name and Site Address: Republic Environmental Systems, Inc.
2869 Sandstone Drive
Hatfield, Pennsylvania 19440 — 10. US EPA ID Number: PAD 0 8 5 6 9 0 5 9 2

F. Transporter's Phone ( )

G. State Facility's ID: SAME

H. Facility's Phone: (215) 822-8995

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	L Waste No.
a. X Waste Paint Related Material, 3, PG II, UN1263	002	DM	00020	G	D001
b. X Waste Flammable Liquid, n.o.s., 3, PGIII, UN1993 (Ethyl alcohol 50 %, Naphtha oil 50 %)	002	DM	00030	G	D003
c. X Waste Corrosive, liquid, n.o.s., 8, PG III, (Hydrochloric acid 50%, Phosphoric acid 50%) UN1760	002	DM	00020	G	D002
d. X Waste Corrosive Liquid, n.o.s., 8, PGIII, (Sodium hydroxide 50%, Ammonium hydroxide 50%) UN1760	002	DM	00020	G	D002

J. Additional Descriptions for Materials Listed Above

Lab Pack	Physical State		Lab Pack	Physical State	
a.		(I,L)	c.		(C,L)
b.		(I,L)	d.		(C,L)

K. Handling Codes for Wastes Listed Above: a. c. b. d.

15. Special Handling Instructions and Additional Information

a.erg # 26 TD-1,6
b.erg # 27 TD-10,12
c.erg # 60 TD-15,16
d.erg# 60 TD-17,19

NJDEPE # 57011
Plate # TS13082 Pa.
NJ Decal # 43995

24 hr emergency #
Keith Goisse (OEM)
800-562-2953

Job # 14296 PO # 351967

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Printed/Typed Name: Barry L. Sams — Signature — Month 02 Day 19 Year 93

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Ed Hoffman — Signature: Ed Hoffman — Month 02 Day 19 Year 93

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name — Signature — Month Day Year

GENERATOR

In case of an emergency call 800-562-2953

EPA Form 8700-22 (Rev. 9/88) Previous editions are obsolete

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL ... AND CHEMOTHERAPEUTIC WASTE

Bureau of Waste Management
P. O. Box 8550
Harrisburg, PA 17105-8550

Form approved.
OMB No. 2050-0039
Expires 9-30-92

ER-WM-51 REV. 1/91

OFFICIAL PENNSYLVANIA MANIFEST FORM

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N J D 9 8 6 6 4 8 9 5 4
Manifest Document No.: 9 3 0 1 8

2. Page 1 of 1

Information in the shaded areas is not required by Federal law but is required by State law.

3. Generator's Name and Mailing Address
NL Industries, Inc.
P.O. Box 1090
Hightstown, New Jersey 08520

4. Generator's Phone (609)4432410

A. State Manifest Document Number: PAC 6078855

B. State Gen. ID: 1050 State St. Perth Amboy, NJ 08862

5. Transporter 1 Company Name: Horwith Trucks, Inc.
6. US EPA ID Number: P A D 0 6 4 0 3 5 8 1 9

C. State Trans. ID: PA- A H 0 1 7 6

7. Transporter 2 Company Name:
8. US EPA ID Number:

D. Transporter's Phone: (215)261-2220

E. State Trans. ID: PA-

9. Designated Facility Name and Site Address
REpublic Environmental Systems, Inc.
2869 Sandstone Drive
Hatfield, Pennsylvania 19440
10. US EPA ID Number: P A D 0 8 5 6 9 0 5 9 2

F. Transporter's Phone ( )

G. State Facility's ID: SAME

H. Facility's Phone: (215) 822-8995

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. X Waste oxidizing substances, liquid, n.o.s., 5.1, PG II, (Sodium Chlorate 50%, Sodium Nitrate 50%) UN3139	001	D F	00075	P	D001
b. X Hazardous waste solid, n.o.s., ORM-E, NA9189 (Lead oxide 50%, Lead paint hardened 50%)	001	D M	00250	P	D008
c. X Waste Chemical Process Solid, Non-DOT, Non-RCRA	009	D M	01800	P	NONE
d.					

GENERATOR

J. Additional Descriptions for Materials Listed Above

	Lab Pack	Physical State			Lab Pack	Physical State	
a.		L	(I,L)	c.		S	(S)
b.		S	(S,T)	d.			

K. Handling Codes for Wastes Listed Above
a. c.
b. d.

15. Special Handling Instructions and Additional Information

a) erg # 35 (c) TD-2,3,4,5,7,8,9,11,13
TD-18
TD
b) erg # 31 TD-14

NJDEPE # 57011
Plate # TS13082
NJ Decal # 43795

24 hr emergency #
Keith Goisse (OHM)
800-562-2953

Job # 14296 PO # 351967

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: Barry L. Sams
Signature:
Month Day Year: 8 19 93

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Ed. HOFFMAN
Signature: Ed. Hoffman
Month Day Year: 08 19 93

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name:
Signature:
Month Day Year:

In case of an emergency or spill immediately call the ...

EPA Form 8700-22 (Rev. 9/88) Previous editions are obsolete

48-14-1 (3/89)—71

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Please print or type. Do not Staple.

Form Approved. OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No.: NJD986648954 — Manifest Document No.: 730179

2. Page 1 of 1

Information in the shaded areas is not required by Federal Law.

A. State Manifest Document No.: NYB 454670 1

3. Generator's Name and Mailing Address: NL Industries, Inc. P.O. Box 1090 Hightstown, New Jersey 08520

B. Generator's ID: 1050 State St. Perth Amboy, NJ08861

4. Generator's Phone: (609) 443-2410

5. Transporter 1 (Company Name): Chemical Waste Management, Inc. — 6. US EPA ID Number: ILD099202681

C. State Transporter's ID: 1881 DX (IL)

D. Transporter's Phone: 201 465-2191

7. Transporter 2 (Company Name) — 8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address: CWM Chemical Services, Inc. 1550 Balmer Road Model City, New York 14107 — 10. US EPA ID Number: NYD049836679

G. State Facility's ID: SAME

H. Facility's Phone: (716 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
GENERATOR a. RQ, Hazardous waste, solid, N.O.S., 9, (lead, polychlorinated biphenyls) PG III NA3077	005	DM	01200	K	EPA D008 STATE B007
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above: PCB & Lead cont. debris (T,S)

K. Handling Codes for Wastes Listed Above: a. c. b. d.

15. Special Handling Instructions and Additional Information: a. AR1678 erg # 31 — Date removed from service is 6-1-93 — quantity in 13a is estimate — 24 hr emergency # 800-562-2953 Keith Goisse (OHN) #19001 — Job # 14296 PO # 14296 NJDEPE #510331 DECAL # 40066 Master Service Report # 19407

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Barry L. Sass — Signature — Mo. Day Year: 1 2 9 3

TRANSPORTER

17. Transporter 1 (Acknowledgement of Receipt of Materials)

Printed/Typed Name: JED SHAWERS — Signature — Mo. Day Year: 0 8 3 0 9 3

18. Transporter 2 (Acknowledgement of Receipt of Materials)

Printed/Typed Name — Signature — Mo. Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name — Signature — Mo. Day Year

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

COPY 3—Disposer State—mailed by generator

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

State of New Jersey
Department of Environmental Protection
Division of Hazardous Waste Management
Manifest Section
CN 028, Trenton, NJ 08625

Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 8-30-94

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NJD 986 455 919
Manifest Document No.

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
NL Industries, Inc.
P.O. Box 1090
Hightstown, New Jersey 08520

4. Generator's Phone (609) 443-3618

A. State Manifest Document Number NJA 1518542
B. State Generator's ID 1850 Main St. Park Ridge, NJ 07656
C. State Trans. ID
D. Transporter's Phone (908) 355-5800
E. State Trans. ID
F. Transporter's Phone
G. State Facility's ID NJD
H. Facility's Phone (908) 355-5800

5. Transporter 1 Company Name Clean Venture
6. US EPA ID Number NJD 982 351 010

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
Cycle Chem, Inc.
217 South First Street
Elizabeth, New Jersey 07206
10. US EPA ID Number NJD 002 200 046

	11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) HM		12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a.	X	RQ Environmentally hazardous substance, solid, n. (Battery empty & casings 100%) n.o.s., PG III, UN3077	001	DM	300	P	D008
b.							
c.							
d.							

J. Additional Descriptions for Materials Listed Above
Battery 10%, casings 90%
a. (I,S)
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a.
b.
c.
d.

15. Special Handling Instructions and Additional Information
No. 346698 RRI-025 erg# 31
Job # 14296 PO # 41/249
Decal # 45013
Plate # 47733
24 Hour Emergency #
800-362-2933
Keith Goisse (OHM)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Barry L. [illegible] Signature: Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: [illegible] Signature: Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Signature: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Signature: Month Day Year

GENERATOR

6 — GENERATOR MAIL TO ITEM 5 STATE

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES
Bureau of Waste Management
P. O. Box 8550
Harrisburg, PA 17105-8550
OFFICIAL PENNSYLVANIA MANIFEST FORM

AND CHEMOTHERAPEUTIC WASTE.

Form approved.
OMB No. 2050-0039
Expires 9-30-92

ER-WM-51 REV. 1/91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NJD986648954 Manifest Document No. 93021
2. Page 1 of 1
Information in the shaded areas is not required by Federal law but is required by State law.

3. Generator's Name and Mailing Address NL Industries, Inc. P.O. Box 1890 Hightstown, New Jersey 08520
4. Generator's Phone (609) 443-2410

A. State Manifest Document Number PAC 6078914
B. State Gen. ID 1050 State St. Perth Amboy, NJ 08862
C. State Trans. ID NJDEPS06209
D. Transporter's Phone (215) 822-8996
E. State Trans. ID PA-
F. Transporter's Phone ( )
G. State Facility's ID Same
H. Facility's Phone (215) 822-8775

5. Transporter 1 Company Name Republic Env. Sys.
6. US EPA ID Number PAD085690592
7. Transporter 2 Company Name
8. US EPA ID Number
9. Designated Facility Name and Site Address Republic Environmental Systems, Inc. 2869 Sandstone Drive Hatfield, Pennsylvania 19440
10. US EPA ID Number PAD085690592

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
HM a. X RQ Environmentally hazardous substance, solid, n.o.s. (Lead Contaminated titanium dioxide + clay 100%) 9, PG III, UN3077	001	DM	00800	P	D008
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above

	Lab Pack	Physical State		Lab Pack	Physical State
a.		S WD031810 (T,S)	c.		
b.			d.		

K. Handling Codes for Wastes Listed Above
a. c.
b. d.

15. Special Handling Instructions and Additional Information
a. erg #31
NJDEPE #NJS06209 24 hr emergency #
Plate #TP29165 Keith Goisse (OHM)
NJ Decal #43350 800-562-2953
bb # 14296 PO # 351967

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: BARRY L. SAMS — Signature: Barry L. Sams — Month 09 Day 29 Year 93

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: PAUL D. HAMBY — Signature: Paul D. Hamby — Month 09 Day 29 Year 93

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Printed/Typed Name — Signature — Month Day Year

GENERATOR

In case of an emergency or spill immediately call the National Response Center (800) 424-8802

EPA Form 8700-22 (Rev. 9/88) Previous editions are obsolete

Copy 2 - Generator Mail - Designated State

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES
Bureau of Waste Management
P. O. Box 8550
Harrisburg, PA 17105-8550
OFFICIAL PENNSYLVANIA MANIFEST FORM

AND CHEMOTHERAPEUTIC WASTE.

Form approved.
OMB No. 2050-0039
Expires 9-30-92

ER-WM-51 REV. 1/91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NJD986648954 Manifest Document No. 93021
2. Page 1 of 1
Information in the shaded areas is not required by Federal law but is required by State law.

3. Generator's Name and Mailing Address NL Industries, Inc. P.O. Box 1990 Hightstown, New Jersey 08520
4. Generator's Phone (609) 443-2410

A. State Manifest Document Number PAC 6078914
B. State Gen. ID 1050 State St. Perth Amboy, NJ 08862
C. State Trans. ID NJDEPS06209
D. Transporter's Phone (215) 822-8996
E. State Trans. ID PA-
F. Transporter's Phone ( )
G. State Facility's ID Same
H. Facility's Phone (215) 822-8775

5. Transporter 1 Company Name Republic Env. Sys.
6. US EPA ID Number PAD085690592
7. Transporter 2 Company Name
8. US EPA ID Number
9. Designated Facility Name and Site Address Republic Environmental Systems, Inc. 2869 Sandstone Drive Hatfield, Pennsylvania 19440
10. US EPA ID Number PAD085690592

	11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	HM X RQ Environmentally hazardous substance, solid, n.o.s. (Lead Contaminated titanium dioxide + clay 100%) 9, PG III, UN3077	001	DM	00800	P	D008
b.						
c.						
d.						

J. Additional Descriptions for Materials Listed Above

	Lab Pack	Physical State
a.		S WA31810 (T,S)
b.		
c.		
d.		

K. Handling Codes for Wastes Listed Above
a. c.
b. d.

15. Special Handling Instructions and Additional Information
a. erg #31
NJDEPE #NJS06209 24 hr emergency #
Plate #TP29165 Keith Goisse (ofhm)
NJ Decal #43350 800-562-2953
bb # 14296 PO# 351967

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name: BARRY L. SAMS
Signature: Barry L. Sams
Month Day Year: 09 29 93

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: PAUL D. HAMBY
Signature: Paul D. Hamby
Month Day Year: 09 29 93

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name
Signature
Month Day Year

GENERATOR
TRANSPORTER
FACILITY

In case of an emergency or spill immediately call the National Response Center (800) 424-8802 and the PA DER (717) 787-4343

EPA Form 8700-22 (Rev. 9/88) Previous editions are obsolete

Copy 2 - Generator Mailing Destination State

PATRICK J. KELLY DRUMS, INC.
6226 Pidcock Creek Road
New Hope, Pennsylvania 18938

(215) 598-0666

SALES ORDER

10908

DATE: 8/30/93
CUSTOMER ORDER NO.:
SHIP TO: NL Industries
Dutch Boy Paints
SALESPERSON:
TAX EXEMPT NO.:

TO: OHM
Perth Amboy N.J

609-421-7582

CASH | CHARGE | C.O.D. | MDSE RET'D | PAID OUT | SHIP VIA | F.O.B. POINT | TERMS

QUANTITY	STOCK NO.	DESCRIPTION	UNIT PRICE	TOTAL
650		Junk drums		
75		55gal		
225		5 gal		
350		Smaller		
309		Lids		
		TOTAL		

RECEIVED BY: Robert Lynch

DUPLICATE

Thank You

40% Pre-Consumer Content
10% Post-Consumer Content

PRODUCT 52 NEBS Inc., Groton, Mass. 01471. To Order PHONE TOLL FREE 1-800-225-6380

MEADOWFILL ASSOCIATES L.P. WASTE MANIFEST
Route 2, Box 68, Bridgeport, West Virginia

014884

CUSTOMER HAULER

PLEASE TYPE OR PRINT CLEARLY USING A BALLPOINT PEN — PRESS HARD

DOCUMENT NO. M.F.

TRANSPORTER NAME
1. ALLEGRO CARTING NYS DEC JA-091 INTERBORO DISPOSAL DEP. 4377

TRANSPORTER ADDRESS - FOR THE SERVICE LOCATION
1. 516-528 COLUMBIA STREET BROOKLYN NEW YORK

TRANSPORTER CONTACT SUPERVISOR - SERVICE LOCATION
1. NAME VITO PESCE TITLE DIRECTOR OF OPERATIONS
2. PHONE NUMBER — Area Code (718) - 834-9200 (212) 989-3194
3. TRANSPORTER SIGNATURE Vito Pesce

ABATMENT CONTRACTOR NAME AND ADDRESS
1. NATIONAL SURFACE CLEANING
2. 475 BOULEVARD 1
3. FLINWOOD PARK, NJ PHONE NUMBER

GENERATOR IDENTIFICATION OF WASTE TYPE OR TYPES.
1. ITEM TYPE RQ HAZARDOUS SUBSTANCE SOLID N.O.S. (ASBESTOS) ORM-F, 9188
2. ITEM TYPE 1050 STATE STREET
3. ITEM TYPE PERTH AMBOY, N.J.
4. ITEM TYPE
5. QUANTITY — CHECK ONE (✓) CUBIC YARDS 20 TONS OTHER BAGS
6. SHIPPED IN CONTAINER TYPE TRAILER ID NO.

NAME AND ADDRESS OF RESPOSIBLE AGENCY
U.S. ENVIRONMENTAL PROTECTION AGENCY REGION II
AIR COMPLIANCE BRANCH
26 FEDERAL PLAZA, NEW YORK, NY 10278

SECONDARY TRANSPORTER NAME AND ADDRESS
1. JBT TRUCKING NYS DEC 1A-206 PHONE NUMBER 516-671-7799
2. 7 CARLISLE DRIVE
3. OLD BROOKVILLE NY 11545

SECONDARY TRANSPORTER CONTRACT SUPERVISOR
1. NAME JIM BYRNE TITLE OWNER
2. DATE OF THE LOAD PICKUP
3. TIME OF THE LOAD PICKUP A.M. P.M.
4. DRIVER'S NAME
5. DRIVER'S SIGNATURE

TRANSPORTER DELIVERY SCHEDULE
1. DATE OF THE DELIVERY
2. TIME OF THE DELIVERY A.M. P.M.
3. DRIVER'S NAME
4. DRIVER'S SIGNATURE
5. DELIVERY IN CONTAINER TYPE TRAILER ID NO.
6. IDENTIFICATION OF WASTE MUST BE THE SAME AS GENERATOR IDENTIFICATION YES NO

DISPOSAL FACILITY — M.F. LANDFILL
1. DELIVERY RECEIVED DATE 7/13/93
2. TIME OF DELIVERY A.M. 2:01 P.M.
3. M.F. SUPERVISOR INSPECTOR NAME Mary M. Watt
4. INSPECTOR SIGNATURE Mary M. Watt
5. THE LOAD WAS RECEIVED AS STATED BY THE GENERATOR YES ✓ NO
6. REJECTED LOAD — YES NO ✓

IF YES PLEASE REMARK

GENERATOR'S CERTIFICATION. This is to certify that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, U.S. E.P.A. and the West Virginia D.E.R. THE WASTE DESCRIBED ABOVE WAS APPROVED FOR DISPOSAL AT M.F. LANDFILL, BASED ON THE AGREEMENT BETWEEN BOTH THE GENERATOR AND THE DISPOSAL FACILITY. I certify that the foregoing is true and correct to the best of my knowledge. If the waste shipment is not as stated I accept the RETURN of the COMPLETE LOAD to the generator's service location, at the generator's expense.

INSTRUCTIONS

GENERATOR'S COPY — Mailed from M.F., Inc. after disposal process, and with the monthly billing.
TRANSPORTER'S COPY — Given to the transporter driver when shipment is inspected and unloaded.
DISPOSAL FACILITY — Filed in customer - generator master file.

(1) Disposal Facility Copy (2) Generator's Copy (3) Transporter's Copy

OHM Corporation

September 23, 1993

Mr. Barry L. Sams
NL Industries, Inc.
Corporate Environmental Services
PO Box 1090
Hightstown, NJ 08520

RE: Disposal Clarifications Perth Amboy Site

Dear Barry:

As per our phone conversations, I am offering the following information to clarify two disposal related items.

- Chronological Manifest #006 does not exist and was never used.

- Material shipped (lead pieces) under manifest document number 012 was not accepted, but returned. The same material was reshipped and accepted by Cycle Chem in Elizabeth, NJ under manifest document number 015.

Please call with any questions,

Sincerely,

David R. Leadenham
Operations Manager

200 Horizon Center Boulevard ■ Trenton, New Jersey 08691-1904 ■ 609-584-8900

APPENDIX 5

Weekly Reports

NL/DUTCH BOY PAINTS SITE
PERTH AMBOY, NJ
OHM PROJECT #14296
Weekly Report #001

Thursday, April 15, 1993

Received authorization to proceed, property access agreement finalized, commenced mobilization to jobsite. Equipment arrives on-site; Cat 215 Excavator, Cat 963 Trackloader, Bobcat Skid Steer Loader, Mini-Decon Trailer with Generator, and a Storage Trailer. Personnel arrived on-site, after reviewing the site specific Health and Safety Plan (HASP), a site familiarization walk was conducted. Stone was delivered and an access ramp constructed to Building #4. PVC piping was deployed to assist in surface water drainage. Setup for raking the areas of concern was started. This entailed removal of debris and repositioning the chain link fence.

Work Plan Finalization and Approval - 100% complete
Premobilization and Site Preparation - 60% complete

Friday, April 16, 1993

Conducted site safety meeting with crew, completed the set up of the boiler room in preparation for asbestos abatement. Removed containers from this room - staged adjacently on the same floor. Commenced construction of the temporary container consolidation area on the first floor of Building 4. Utilizing heavy equipment to rake the surface and power screens to sift the media, OHM commenced area of concern #3. Entire area was very wet due to previous days precipitation.

Premobilization and Site Preparation - 100% complete
Soil Areas of Concern - 20% complete
Locate/Stage Containers - 2% complete

Saturday, April 17, 1993

No On-Site Activity

Sunday, April 18, 1993

No On-Site Activity

NL/Dutch Boy Paints Site
Perth Amboy, NJ
OHM Project #14296

Next Weeks Activities

1. Mechanical and manual racking of 3 soil areas of concern

2. Completion of container staging area located in building 4, first floor. Start up of location, staging and documentation of building 4 containers.

3. NSC to begin asbestos abatement in boiler room of building 4, third floor. Anticipate 6 days for completion.

4. Sampling of transformers for analytical and disposal.

5. Will collect and bag miscellaneous asbestos installation.

NL/DUTCH BOY PAINTS SITE
PERTH AMBOY, NJ
OHM PROJECT #14296
Weekly Report #002

Monday, April 19, 1993

Work in soil area of concern #3 begins. Soils are mechanically raked and a power screen utilized to segregate battery grid metals and casings. The staging areas for consolidating containers in building #4 are completed. Emergency equipment has been strategically located throughout the work area. NSC arrives and begins making preparations for asbestos abatement on the boiler room building #4, third floor. Abatement is tentatively scheduled pending federal notification. Barry Sams (NL) and Bob Hart (OHM) walk the site and discuss work activities. A rolloff dumpster for asbestos disposal arrives on site and is staged adjacent to building #4. Daily documentation was completed.

Soil Areas of Concern/Removal - 40% complete
Asbestos Abatement Boiler Room - 10% complete

Tuesday, April 20

Work continued in soil area of concern #3. Began work in soil area of concern #2. A large pile of soil/debris, located within Area of Concern #3, was removed and power screened. Steve Touw (EPA) inspected soil Area of Concern #3 with B. Sams, D. Leadenham, and R. Hart and requested additional raking. In response to S. Touw's request a full crew was scheduled for soil Area of Concern #3 beginning April 21, 1993.

Container locating and staging is started, including required documentation (drum log) 091 containers are numbered and logged. 155 empty containers are located and staged in the designated area in building 4, first floor.

Soil Areas of Concern/Removal - 55% complete
Locate/Stage Containers - 15% complete

NL/Dutch Boy Paints Site
OHM Project #14296

Wednesday, April 21

Entire crew dedicated to manually removing battery casings and grid metals in soil area of concern #3. S. Touw approves the completion of work in soil area of concern #3. Begin mechanically raking soil area of concern #1. B. Sams and D. Leadenham arrived on site and met S. Touw and R. Hart. A site walk through the soil areas of concern was conducted and soil area of concern #3 approval reiterated by S. Touw. K. Goisse (OHM) arrives to discuss with R. Hart, future scheduling and sampling for transportation and disposal of materials. B. Sams and R. Hart met with Charlie Piazza, of Custom Distribution Services, to discuss minor alterations to buildings #1 and #4. To facilitate container staging utilizing an industrial fork lift. Decision pending from Mr. Piazza.

Soil areas of Concern/Removal - 70% complete

Thursday, April 22

Crew dedicated to manual raking of soil Areas of Concern #1 and #2. High water levels were encountered in the drainage ditch in soil Area of Concern #1. The drainage ditch bed was manually raked to remove any battery casings and grid metals. Soil Areas of Concern #1 and #2 are complete and awaiting inspection by S. Touw (EPA).

Soil Areas of Concern/Removal - 100% complete

Friday, April 23

Decontamination cleaning and staging of the powerscreen was completed. The hoist assembly was removed from building #4 and demobed from the site. Virgin asbestos insulation, located in building #4, was wet using low volume/low pressure applicators to eliminate the potential for airborne fibre releases. The insulation was then double bagged and placed into disposal receptacle. S. Touw stated approval on soil areas #1 and #2. An area near tanks EP6 - EP7 was pointed out by S. Touw to OHM as having surficial battery casings, OHM to inform NL. Container locating and staging continued. Containers in building #4, floors 2 and 3 were staged along North wall pending removal to the lower floors. Empty containers were staged in building #4 first floor. Miscellaneous asbestos abatement - 100% complete. Transformer activity were initiated, and will be completed the following week.

Locate/Stage Containers - 25% complete
Miscellaneous Asbestos Abatement - 100% complete

NL/Dutch Boy Paints Site
OHM Project #14296

Saturday, April 24

No On-Site Activities

Sunday, April 25

No On-Site Activities

NL/Dutch Boy Paints Site
OHM Project #14296

WEEKLY PLANNER

Week Beginning: April 26, 1993

Locating and staging containers, overpacking as required, and staging and containerizing contaminated debris will be the weeks main task. This includes locating containers with no contents and neatly staging them for inspection and viewing. A second container staging area will be constructed in building #1, to stage containers located in buildings #1 and #2.

Sampling will take place on transformers. Analytical results will determine the proper disposal method.

NL/DUTCH BOY PAINTS SITE
PERTH AMBOY, NJ
OHM PROJECT #14296
Weekly Report #003

Monday, April 26, 1993

B. Sams advised of April 23, 1993, meeting between OHM and S. Touw where S. Touw issued approval of Soil Areas of Concern #1 and #2 remediation completion and pointed out work to be addressed around above ground storage tanks EP-6 and EP-7. Battery casing and grid metals are evident around these tanks. The crew continued container consolidation and containerization of contaminated debris. Building #4, 3rd floor materials are consolidated and staged along the North wall awaiting removal to Building 4, 1st floor staging area. Work then shifted to Building 4, 2nd floor and continued as previously discussed.

Locate and Stage Containers - 30% Complete

Tuesday, April 27

The crew overpacked any damaged containers and containerized loose residual product in Building #4. Contaminated debris was drummed and staged for removal to staging area Building #4, 1st floor. Construction of an access ramp into Building #1, 1st floor was prepared for a temporary staging area constructed for both empty containers and containers with material.

A site walk conducted with B. Sams (NL), S. Touw (EPA), and R. Hart (OHM). Additional work to be addressed around storage tanks EP-6 and EP-7 was agreed upon. Battery casing and grid metals will be removed by surficial raking (Change Order #001). Minor work needs to be completed in Soil Area of Concern #2. Asbestos abatement was requested by S. Touw on a vertical pipe in Building #1, 1st floor (Change Order #002).

R. Hart (OHM) spoke to Charlie Piazza of Custom Distribution Services regarding permission to perform minor building changes on Buildings #4 and #1, a letter will follow confirming Mr. Piazza's consent to building changes.

Locate/Stage Containers - 35% Complete

NL/Dutch Boy Paints Site
OHM Project #14296

Wednesday, April 28

The crew continued the task of locating and staging containers in Buildings #1 and #2. Contaminated debris was containerized and staged awaiting removal to Building #4, 1st floor. A total of 300 empty containers were found in Building #4, 1st floor. A total of 300 empty containers were found in Buildings #1 and #2 to date. These are presently located in Building #1, 1st floor awaiting inspection and verification of same.

Locate/Stage Containers - 45% Complete

Thursday, April 29

The area around storage tanks EP-6 and EP-7 was cleared of debris and the crew performed the required surficial raking for Change Order #001. The minor additional work, requested by S. Touw, in Soil Areas of Concern #1 and #2 was completed. An area along the pumphouse at Soil Area of Concern #2 was excavated for grid metals. After reaching a depth of approximately 6" OHM discontinued work at that location and notified D. Leadenham (OHM), and B. Sams (NL). S. Touw inspected area.

S. Touw approves work around EP-6 and EP-7 and minor work in Soil Areas of Concern #1 and #2. The crew then resumed container consolidation and staging work in Buildings #1 and #2.

Surficial Raking around Storage Tanks EP-6, EP-7 - 100% Complete
Locate/Stage Containers - 50% Complete

NL/Dutch Boy Paints Site
OHM Project #14296

Friday, April 30

The crew continues to locate and stage containers found in Building #1 and #2, and maintain required documentation (drum log).

The crew raked and removed the battery pieces and grid metals from the excavated soil at the pumphouse in Soil Area of Concern #2.

Eleven (11) Samples were obtained from the electrical transformers. Samples will be shipped off site for PCB analysis.

B. Sams (NL), S. Touw (EPA), and D. Leadenham (OHM) conduct a sitewalk. The area near the pumphouse is discussed, and it was agreed raked soils will be returned and topped off with, approximately 20 tons of a crushed stone for erosion prevention. The stone will be compacted using a Cat-963 Trackloader (Change Order #003). Per agreement with S. Touw, the 4 baghouses located in Building #4, 3rd floor will have metal plates welded over the inspection ports (Change Order #004).

Locate/Stage Containers - 55% Complete

Saturday, May 1 - No On-Site Activity

Sunday, May 2 - No On-Site Activity

NL/Dutch Boy Paints Site
DHM Project #14296

WEEKLY PLANNER

Week Beginning: May 3, 1993

Locating and staging containers, overpacking as required, and staging and containerizing contaminated debris. This includes locating containers with no contents and neatly staging them for inspection and viewing.

Lead contaminated debris will be transported offsite Wednesday, May 5, 1993. Debris is destined for GSX in Pinewood S. Carolina. NSC to work in Building #4, 3rd floor on Boiler Room asbestos abatement.

NL/DUTCH BOY PAINTS SITE
PERTH AMBOY, NJ
OHM PROJECT # 14296
Weekly Report #004

Monday, May 3, 1993

The crew continued container consolidation in Building #1 and #2. Contaminated debris was containerized, then staged in Building #1, first floor. A pulley system was installed in Building #1 and drums from the second and third floors were lowered to the first floor awaiting relocation to Building #4, first floor staging area. Required documentation (drum logs) was completed for the located containers and containerized debris.

NSC begins asbestos abatement in the Boiler Room Building #4, third floor.

Locate/Stage Containers - 60% Complete
Asbestos Abatement Building #4, Third Floor Boiler Room - 20% Complete

Tuesday, May 4

The crew located and staged containers from Building #1 and #2. Containers were lowered from upper floors using a pulley system. Containers were staged in Building #1, first floor.

NSC continues asbestos abatement on the third floor, Building #4 Boiler Room. Accumulated asbestos containing materials were placed into the on site disposal receptacle.

Locate/Stage Containers - 65% Complete
Asbestos Abatement Boiler Room Building #4, Third Floor - 40% Complete

NL/Dutch Boy Paints Site
OHM Project #14296

Wednesday, May 5

Lead contaminated debris and casings were loaded into four trucks for transportation to and disposal at GSX in Pinewood, South Carolina. Approximately 85 tons of material were transported to GSX. One truckload of material remained.

Containers from Building #1 were relocated to staging area in Building #4, first floor.

NSC continues asbestos abatement in Boiler Room, third floor Building #4.

Locate/Stage Containers - 70% Complete
Asbestos Abatement Boiler Room Building #4 - 60% Complete
Transportation and Disposal of Lead Contaminated Debris and Casings - 80% Complete (4 Leads)

Thursday, May 6

A pulley system was setup in Building #4 and containers from floors #2 and #3 were lowered to the first floor staging area.

Container sampling commenced on the staged containers.

Lead contaminated debris and casings were loaded onto a truck for transportation to GSX in Pinewood, South Carolina for disposal.

NSC completed bagging and removal of asbestos contaminated materials from the Boiler Room, and began encapsulation.

S. Touw (EPA) advised D. Leadenham (OHM) and R. Hart (OHM) of potential for additional asbestos abatement in Buildings #1, #2, and #4. S. Touw shows R. Hart areas in question.

B. Sams (NL) and R. Hart (OHM) conduct site walk. Several piles of chemical residues were found and will be containerized on Friday, May 7, 1993. B. Sams will contact S. Touw to discuss additional asbestos abatement.

Locate/Stage Containers - 80% Complete
Container Sampling and Hazcat Analysis - 20% Complete
Transportation and Disposal of Lead Contaminated Debris and Casings - 100% Complete

NL/Dutch Boy Paints Site
OHM Project #14296

Friday, May 7

The crew located and staged the remainder of containers from Buildings #1, #2. Containers located in Building #3 (South Side), were documented and staged in Building #4. Contaminated debris and chemical residues from Building #4, were containerized and located in the staging area in Building #4.

The sampling and hazcat analysis of the staged containers continued.

Consistant with S. Touw's request, stone was delivered for leveling and compacting the specified area at Area of Concern #2. It was then leveled and compacted at the area adjacent to the pumphouse within Area of Concern #2.

Welding of metal plates over inspection ports on baghouses, Building #4, third floor was started.

NSC completed the required asbestos abatement in the Boiler Room Building #4, third floor and removed the equipment. The asbestos on the vertical pipe in Building #1, first floor was abated and the material double bagged and stored in the on site disposal receptacle.

Locate/Stage Containers - 90% Complete (10% allowed for loading materials for T&D)
Container Sampling and Hazcat Analysis - 20% Complete

Saturday, May 8

No On Site Activities

Sunday, May 9

No On Site Activities

NL/Dutch Boy Paints Site
OHM Project #14296

WEEKLY PLANNER

Week Beginning May 10, 1993

Work activities will continue on Container Sampling and Hazcat Analysis.

Metal plates will be installed and secured over the glass ports on the baghouse located in Building #4, third floor. Oil and oil contaminated materials on top of the floor in Building #3 (South Side) will be containerized.

Analytical results to be received from samples obtained of the transformer fluids and transformer area floor debris.

Activities will commence on transformer fluid removal, followed by preparation of the carcass for removal.

NL/DUTCH BOY PAINTS SITE
PERTH AMBOY, NJ
OHM PROJECT #14296
Weekly Report #005

Monday, May 10, 1993

The welding of metal plates over the inspection ports of the baghouses, Building #4, 3rd floor was completed (Change Order #004). Sampling of the staged containers in Building #4 continued. The crew continued to containerize previously identified small piles of materials located in Buildings #1, #2, and #4.

Work began on clearing fencing from Transformer Areas in Building #2 and #4 with the removal of boundry fence. The result from the Building #3 South Side floor sample was received (see attached).

S. Touw and B. Hart conduct site walk through Building #1, #2, and #4. Miscellaneous displaced asbestos in Buildings #1, #2, and #4, was removed.

Transformer Handling - 5% Complete
Container Sampling/Hazcat Analysis - 30% Complete

Tuesday, May 11

The crew completed the containerization of residues in Buildings #1, #2, and #4. All containers were located at staging area in Building #4 pending sampling.

Fence removal was completed on Transformer Areas in Buildings #2 and #4.

Cleaning of Transformer Area Building #3, South Side has begun. Material from cleanup to be stored in approved containers, awaiting disposal.

Sampling of Staged containers continued in Building #4.

Container Sampling/Hazcat Analysis - 40% Complete
Transformer Area Cleanup - 20% Complete
Transformer Handling - 10% Complete

NL/Dutch Boy Paints Site
OHM Project #14296

Wednesday, May 12

The sampling of the staged containers was completed and are awaiting Hazcat Analysis.

The crew continued to containerize and remove accumulated debris from the area around the transformers in Building #3.

Analysis was received on the liquids from the transformers.

Container Sampling and Hazcat Analysis - 50% Complete
Transformer Area Cleanup - 30% Complete

Thursday, May 13

The crew utilized and manually operated overhead crane, in Building #3, to move one transformer. This enabled the crew to scrape up debris from the floor.

The crew continued to drum the accumulated debris from Building #3 and disconnected switching panels to assist with the room cleaning and transformer removal.

Supplies were gathered to begin Hazcat Analysis on the staged and sampled containers.

Transformer Area Clean up - 40% Complete
Transformer Handling - 15% Complete

NL/Dutch Boy Paints Site
OHM Project #14296

Friday, May 14

Keith Goisse (of OHM) and 2 crew members assist Hazmat Environmental in the removal of transformer liquids from Transformers T6, T7, T8, and T12. The vacuum tanker was then weighed, manifest completed (attached), and departed the jobsite for disposal at the USPCI, Missouri facility.

Crew members completed the containerization of displaced asbestos and residues throughout Buildings #1, #2, and #4.

The chemist conducted QA/QC checks on the samples awaiting Hazcat Analysis.

A sitewalk was conducted by S. Touw (EPA) and R. Hart (OHM) to inspect progress on the removal of residues and displaced asbestos. S. Touw indicated all but two small areas had been addressed. These areas have since been addressed by OHM A phone conversation between S. Touw and B. Sams discussed overall project progress and the installation of storm water run-on curbing near Area of Concern #3. S. Touw and R. Hart inspect the location for the curbing, S.Touw approves the use of earth and stone materials for the curb construction.

Transformer Handling - 25% Complete

NL/Dutch Boy Paints Site
OHM Project #14296

WEEKLY PLANNER

The removal and containerization of debris from the Transformer Area of Building #3 will be completed.

Hazcat analysis on the container samples will begin.

The removal of the remaining transformer liquids and preparation for the transformer carcass removal will be started.

The earthen/stone curb will be constructed along the fence line of Area of Concern #3.

NL/DUTCH BOY PAINTS SITE
PERTH AMBOY, NJ
OHM PROJECT #14296
Weekly Report #006

Monday, May 17, 1993

A Quality Assurance/Quality Control (QA/QC) check was completed on the samples taken from staged containers.

Then crew, utilizing the overhead crane, elevated transformer T-7 and drained the remaining liquid. Approximately 75 gallons was collected and containerized pending disposal.

Cleanup of debris from the transformer area of Building #3 (South Side), continued. During cleanup and preparation to move the transformers, 2 additional transformers were discovered. They were located within the switching panels and designated by OHM as T-13 and T-14 (attachment).

Transformer Handling - 30% Complete
Transformer Area Cleanup - 80% Complete

Tuesday, May 18

The crew completed cleanup of debris from the transformer area in Building #3 (South Side). A final inspection of the area will be conducted after removal of the transformers from the building. Twenty-three (23) drums of debris were containerized, then staged in Building #4.

The liquids from transformer T-13 and T-14 were pumped into a drum and staged in Building #4 awaiting disposal.

Transformer T-7 was moved to the doorway using the overhead crane.

Transformer Area Cleanup - 95% Complete
Transformer Handling - 35% Complete

NL/Dutch Boy Paints Site
OHM Project #14296

Wednesday, May 19

The field chemist began Hazcat analysis on the container samples.

Transformer T-9's liquid contents were pumped into one 55 gallon drum (approximately 40 gallons). Transformer T-12 was dislodged from its location and moved to the doorway between Building #1 and #2 to await final removal.

B. Sams was advised of the discovery of the two additional transformers in Building #3 (South Side) and that their contents (19 gallons each) were pumped into one drum. B. Sams will confirm the removal of the transformers (T-13 and T-14) with S. Touw.

Container Sampling/Hazcat Analysis - 55% Complete
Transformer Handling - 40% Complete

Thursday, May 20

The field chemist continued to conduct Hazcat testing on the samples from containers.

Work was completed on several areas to gain access for the upcoming removal of transformers. Transformer T-9 was relocated to a rear loading dock to await disposal.

OHM received 47.11 tons of stone for the construction of the earthen/stone curb at Area of Concern #3. Construction of the curb commenced.

Container Sampling/Hazcat Analysis - 60% Complete
Transformer Handling - 45% Complete
Curb Installation - 20% Complete

NL/Dutch Boy Paints Site
OHM Project #14296

Friday, May 21

Hazcat Analysis continued on the samples

The earthen/stone curb was completed along the fenceline at Area of Concern #3. The curb is approximately 150 feet long by 2 feet high.

The crew began removal work on transformer T-13.

Container Sampling/Hazcat Analysis - 65% Complete
Transformer Handling - 50% Complete

NL/Dutch Boy Paints Site
OHM Project #14296

WEEKLY PLANNER

Liquids from transformer numbers (T-2, T-3, T-4, T-5, T-10, T-11) will be pumped into a tank truck for disposal. The drums of debris from Building #3 (South Side), and liquids from T-7, T-13, T-14 and T9 will be shipped off site for disposal. Upon completion of liquid removal, the transformers will be staged and shipped off site for disposal.

Hazcat Analysis will continue and bulk testing of materials will begin. Upon completion of bulk testing, bulking of like materials will begin.

NL/Dutch Boy Paints Site
OHM Project #14296

ATTACHMENT

Transformer T-13
General Electric Pyranol Transformer
#7896084
Type HT, Form FA, Cycles - 60, KVA 10
Capacity 19 Gallons

Transformer T-14
General Electric Pyranol Transformer
#7896083
Type HT, Form FA, Cycles - 60, KVA 10
Capacity 19 Gallons

NL/DUTCH BOY PAINTS SITE
PERTH AMBOY, NJ
OHM PROJECT #14296
Weekly Report #007

Monday, May 24, 1993

The Hazcat Analysis continued on the samples from the staged containers.

USPCI arrived and removed from site the remaining transformer liquids. The 23 drums of PCB debris from the cleanup of Building #3 (South Side), the residual liquid from transformer T-7 and liquid from transformers T-13, T-14, and T-9 were transported on the same truck for off site disposal.

The crew relocated the remaining two transformers from Building #4 onto a rear loading dock to await disposal.

Container Sampling/Hazcat Analysis - 70% Complete
Transformer Handling - 55% Complete
Transformer Area Cleanup - 100% Complete

Tuesday, May 25

The crew removed transformers (T-3, T-4, T5) from the small room adjacent to Building #3 (South Side). Transformers T-13, T-14 were removed from Building #3 (South Side) and staged pending disposal.

The chemists continued to perform Hazcat Analysis on the samples from the staged containers.

Container Sampling/Hazcat Analysis - 72% Complete
Transformer Handling - 60% Complete

Wednesday, May 26

Preparation for staging of the transformers was completed. The transformers are awaiting disposal, pending finalization of transportation arrangements.

Hazcat Analysis continued on the staged containers.

Container Sampling/Hazcat Analysis - 75% Complete
Transformer Handling - 75% Complete

NL/Dutch Boy Paints Site
OHM Project #14296

Thursday, May 27

The chemist continued to perform Hazcat analysis on the samples obtained from the staged containers.

The remaining transformers were staged in preparation for loadout while awaiting final disposal.

Container Sampling/Hazcat Analysis - 77% Complete
Transformer Handling - 80% Complete

Friday, May 28

The Hazcat Analysis continued. S. Touw and R. Hart conduct site walk. S. Touw advises R. Hart that Area of Concern #3 curb, container consolidation, and asbestos abatement tasks are complete.

Work commenced on equipment inventory and decontamination in preparation for its removal from the project. These items to be removed are no longer required to perform the remaining tasks.

Container Sampling/Hazcat Analysis - 80% Complete

Saturday, May 29

No on site activities.

Sunday, May 30

No on site activities.

NL/Dutch Boy Paints Site
OHM Project #14296

WEEKLY PLANNER

The Hazcat Analysis will be completed Tuesday 6/1. The chemist will then begin bulk testing of compatible materials.

The transportation and disposal of the transformer carcasses and the asbestos rolloff will be scheduled for Wednesday 6/2 or Thursday 6/3.

The empty containers will be counted and mechanically flattened in preparation for disposal.

NL/DUTCH BOY PAINTS SITE
PERTH AMBOY, NJ
OHM PROJECT #14296
Weekly Report #008

Monday, May 31, 1993

Holiday - No On-Site Activities

Tuesday, June 1

The Chemist continued to conduct Hazcat Analysis on the samples from staged containers. The site office trailer and generator were demobed to the Windsor, NJ shop.

The empty containers in Building #4 were crushed and re-staged on poly sheeting. Transformer T-12 was removed from Building #1 and staged pending disposal.

Container Sampling/Hazcat Analysis - 82% Complete

Wednesday, June 2

The Chemist completed the Hazcat Analysis. USPCI arrived and Transformers T-6, T-7, T-8, T-12, T-13, T-14 were loaded and transported for disposal.

A sitewalk was conducted with S. Touw, B. Sams, and R. Hart. Two (2) mix tanks in Building #1 Second floor to be bolted shut. The crew began addressing the work from the site walk.

Container Sampling/Hazcat Analysis - 85% Complete
Transformer Handling - 82% Complete

Thursday, June 3

The crew completed the work from sitewalk of 6/2/93. The crew also began the preliminary grouping of containers. The Chemist began to input the Hazcat data into the computer program to produce the bulking information.

Container Sampling/Hazcat Analysis - 87% Complete

NL/Dutch Boy Paints Site
OHM Project #14296

Friday, June 4

Transformers T-1, T-2, T-3, T-4, T-5, T-9, T-10, T-11 were loaded and transported off site. Bulk testing continued on the samples. The bobcat was deconned and demobed off site.

Transformer Handling - 100% Complete
Container Sampling/Hazcat Analysis - 95% Complete

Saturday, June 5

No On-Site Activity

Sunday, June 6

No On-Site Activity

NL/Dutch Boy Paints Site
OHM Project #14296

WEEKLY PLANNER

Hazcat Analysis from samples obtained from the staged containers will have had QA/QC completed and reviewed. Test bulking on compatable waste groups will be completed. Secondary staging of containers within each compatable group will be completed in preparation for field bulking. Disposal firms will be contacted to finalize their acceptance of the containerized material. Un-needed equipment will be decontaminated and demobilized.

NL/DUTCH BOYS PAINTS SITE
PERTH AMBOY, NJ
OHM PROJECT #14296
Weekly Report #009

Monday, June 7, 1993

Test Bulking on compatible waste groups (from staged container samples) was performed.

Tuesday, June 8

Test Bulking on compatible waste groups was performed.

Wednesday, June 9

Compiled existing laboratory results and completed QA/QC review on all Bulk Sampling groups to insure proper classification for transportation and disposal. This task was completed at OHM's Trenton New Jersey Office.

Thursday, June 10

Test Bulking on compatible waste groups was performed.

Friday, June 11

Bulk Group Samples were labeled and prepared for shipment to an off-site laboratory for analysis. The laboratory which will perform the analysis is Analytical Services Corporation located in Findlay, Ohio. The analysis to be performed on the Bulk Samples will be in accordance with the requirements of perspective disposal firms.

Container Sampling/Hazcat Analysis - 96% complete

Saturday, June 12

No On-Site Activities

Sunday, June 13

No On-Site Activities

NL/Dutch Boy Paints Site
OHM Project #14296

WEEKLY PLANNER

Bulk Group Samples will be analyzed in an Off-Site laboratory. Site inspections will be conducted to maintain Site Security throughout the week.

NL/DUTCH BOY PAINTS SITE
PERTH AMBOY, NJ
OHM PROJECT #14296
Weekly Report #010

Monday, June 14, 1993

Bulk Group Samples were shipped via common carrier to Analytical Services Corporation located in Findlay, Ohio. Analysis will commence upon receipt, a two week turn around time (TAT) is anticipated. No On-Site activity.

Tuesday, June 15

No On-Site activity

Wednesday, June 16

R. Hart visits Site to maintain security measures. No On-Site Activity.

Thursday, June 17

No On-Site Activity

Friday, June 18

D. Leadenham visits Site to maintain security measures. No On-Site Activity.

Saturday, June 19

No On-Site Activity

Sunday, June 20

No On-Site Activity

NL/Dutch Boy Paints Site
OHM Project #14296

WEEKLY PLANNER

Bulk Group Sample analysis will continue. Site inspections will be conducted to maintain Site Security measures.

NL/DUTCH BOY PAINTS SITE
PERTH AMBOY, NJ
OHM PROJECT #14296
Weekly Report #011

Monday, June 21, 1993

Analytical Services Corp continued to analyze bulk group samples, this will continue all week. No On-Site Activity.

Tuesday, June 22

D. Leadenham visits site to maintain security measures. No On-Site Activity.

Wednesday, June 23

No On-Site Activity.

Thursday, June 24

B. Lynch and assistant visited Site to obtain additional volumes of sample #248 required by laboratory to fulfill analysis requirements. Additional sample was shipped to Analytical Services Corp in Findlay Ohio. No On-Site Activity

Friday, June 25

No On-Site Activity

Saturday, June 26

No On-Site Activity

Sunday, June 27

No On-Site Activity

NL/Dutch Boy Paints Site
OHM Project #14296

WEEKLY PLANNER

Bulk Group Sample analysis will continue, results are anticipated from the laboratory late next week. Site inspections will be conducted to maintain Site Security measures.

NL/DUTCH BOY PAINTS SITE
PERTH AMBOY, NJ
OHM PROJECT #14296
Weekly Report #012

Monday, June 28, 1993

Analytical Services Corp continued to analyze bulk group samples. No On-Site Activity.

Tuesday, June 29

D. Leadenham visits site to maintain security measures. No On-Site Activity.

Wednesday, June 30

Received partial analytical data from the laboratory, report enclosed. No On-Site Activity.

Thursday, July 1

No On-Site Activity.

Friday, July 2

No On-Site Activity.

Saturday, July 3

No On-Site Activity.

Sunday, July 4

No On-Site Activity.

NL/Dutch Boy Paints Site
DHM Project #14296

WEEKLY PLANNER

Bulk Group Sample analysis will be completed, remaining results are anticipated from the laboratory during the week. Disposal arrangements for the containerized materials will commence upon receipt and review of the analytical data. Site inspections will be conducted to maintain Site Security measures.

OHM Corporation

NL/DUTCH BOY PAINTS SITE
PERTH AMBOY, NJ
OHM PROJECT #14296
Weekly Report #013

Monday, July 5, 1993

Analytical Services Corp completed analysis on the bulk group samples. No On-Site Activity.

Tuesday, July 6

R. Hart visits site to maintain security measures. No On-Site Activity.

Wednesday, July 7

Received partial analytical data from the laboratory, report enclosed. No On-Site Activity.

Thursday, July 8

No On-Site Activity.

Friday, July 9

Received remaining analytical data, report enclosed. No On-Site Activity.

Saturday, July 10

No On-Site Activity.

Sunday, July 11

No On-Site Activity.

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NL/Dutch Boy Paints Site
OHM Project #14296

OHM Corporation

WEEKLY PLANNER

Disposal arrangements for the containerized materials will commence. Analytical information received will be transposed onto waste profile(s) which will be representative of each waste stream to be disposed of. Waste profiles will be submitted to respective disposal firm(s). Site inspections will be conducted to maintain Site Security measures.

NL/DUTCH BOY PAINTS SITE
PERTH AMBOY, NJ
OHM PROJECT #14296
Weekly Report #014

Monday, July 12, 1993

Submitted waste profiles to respective disposal firms. No On-Site Activity.

Tuesday, July 13

D. Leadenham visits site to maintain security measures. No On-Site Activity.

Wednesday, July 14

No On-Site Activity.

Thursday, July 15

No On-Site Activity.

Friday, July 16

Received tentative approval on containerized material acceptance for July 22, 1993. No On-Site Activity.

Saturday, July 17

No On-Site Activity.

Sunday, July 18

No On-Site Activity.

NL/Dutch Boy Paints Site
OHM Project #14296

WEEKLY PLANNER

Disposal arrangements for the containerized materials will be finalized. Resource requirements will be determined and scheduled to begin arriving at the Site later in the week for load out of containerized materials. Site inspections will be conducted to maintain Site Security measures.

NL/DUTCH BOY PAINTS SITE
PERTH AMBOY, NJ
OHM PROJECT #14296
Weekly Report #015

Monday, July 19, 1993

D. Leadenham notifies S. Touw of scheduled site activities. No On-Site Activity.

Tuesday, July 20

R. Hart visits site to maintain security measures. No On-Site Activity.

Wednesday, July 21

On-Site consolidation of compatible waste. See attached field notes.

Thursday, July 22

On-Site consolidation of compatible waste. See attached field notes.

Friday, July 23

No On-Site Activity.

Saturday, July 24

No On-Site Activity.

Sunday, July 25

No On-Site Activity.

NL/Dutch Boy Paints Site
OHM Project #14296

WEEKLY PLANNER

Transportation of approximately 80% of the containerized materials will be conducted on Tuesday, July 27. Disposal arrangements for the remaining containerized materials will continue. Site inspections will be conducted to maintain Site Security measures.

NL/DUTCH BOY PAINTS SITE
PERTH AMBOY, NJ
OHM PROJECT #14296
Weekly Report #016

Monday, July 26, 1993

Received TCLP analytical data on OHM's bulk group #3, from Analytical Services Corp. These containers are destined for CWM Model City, NY. No On-Site Activity.

Tuesday, July 27

OHM crew loaded 84 consolidated and unconsolidated containers onto a licensed hauling vehicle. 83 of the containers are destined for Republic Environmental in Hatfield, PA and 1 container for Exide in Reading, PA.

Wednesday, July 28

No On-Site Activities.

Thursday, July 29

OHM chemists, and T&D coordinators packaged the smaller sized containers (less than 5 gallon in size) into larger DOT containers based upon their respective chemical compatibility. Repackaged containers were appropriately labeled and staged pending off-site disposal. The container shipped to Exide on manifest #93-012 was not accepted due to incomplete chemical profile of the battery grid metal. Drum of lead returned to Horwith Trucking in Allentown, PA.

Friday, July 30

No On-Site Activity.

Saturday, July 31

No On-Site Activity.

Sunday, August 1

No On-Site Activity.

NL/Dutch Boy Paints Site
OHM Project #14296

WEEKLY PLANNER

Disposal arrangements for the remaining on-site containerized materials will continue, confirm acceptance dates with any specific loading requirements. Site inspections will be conducted to maintain site security measures. Drum of lead located at Horwith Trucking will be shipped to CycleChem in Elizabeth, NJ.

NL/DUTCH BOY PAINTS SITE
PERTH AMBOY, NJ
OHM PROJECT #14296
Weekly Report #017

Monday, August 2, 1993

K. Goisse provided waste profile information to prospective disposal firm(s) for acceptance of lab packed containerized materials. No On-Site Activity.

Tuesday, August 3

D. Leadenham visits site to maintain security measures. No On-Site Activity.

Wednesday, August 4

No On-Site Activities.

Thursday, August 5

Drum of lead (battery grid metal), was delivered to CycleChem in Elizabeth, NJ. No On-Site Activities.

Friday, August 6

No On-Site Activity.

Saturday, August 7

No On-Site Activity.

Sunday, August 8

No On-Site Activity.

NL/Dutch Boy Paints Site
OHM Project #14296

WEEKLY PLANNER

Disposal arrangements for the remaining on-site containerized materials will be finalized, shipping dates will be obtained, and personnel and equipment required to perform the loadout will be scheduled. Site inspections will be conducted to maintain site security measures.

NL/DUTCH BOY PAINTS SITE
PERTH AMBOY, NJ
OHM PROJECT #14296
Weekly Report #018

Monday, August 9, 1993

Communications continued between OHM's transportation and disposal coordinator and prospective disposal firm(s) for acceptance and shipping date confirmation for the lab packed containerized materials. No On-Site Activity.

Tuesday, August 10

D. Leadenham visits site to maintain security measures. No On-Site Activity.

Wednesday, August 11

No On-Site Activities.

Thursday, August 12

R. Hart visits site to maintain security measures. No On-Site Activities.

Friday, August 13

No On-Site Activity.

Saturday, August 14

No On-Site Activity.

Sunday, August 15

No On-Site Activity.

NL/Dutch Boy Paints Site
OHM Project #14296

WEEKLY PLANNER

Loadout of labpack containerized materials is scheduled for August 19 for shipment to Republic Environmental in Hatfield, PA. Site inspections will be conducted to maintain site security measures.

NL/DUTCH BOY PAINTS SITE
PERTH AMBOY, NJ
OHM PROJECT #14296
Weekly Report #019

Monday, August 16, 1993

No On-Site Activity.

Tuesday, August 17

R. Hart visits site to maintain security measures. No On-Site Activity.

Wednesday, August 18

No On-Site Activities.

Thursday, August 19

Load out of lab-pack containers. See attached field notes for details.

Friday, August 20

No On-Site Activity.

Saturday, August 21

No On-Site Activity.

Sunday, August 22

No On-Site Activity.

NL/Dutch Boy Paints Site
OHM Project #14296

WEEKLY PLANNER

Communications will continue between OHM T&D coordinator and Chem Waste Disposal in Model City, NY regarding the shipping date for the six remaining drums of containerized materials destined for this facility.

NL/DUTCH BOY PAINTS SITE
PERTH AMBOY, NJ
OHM PROJECT #14296
Weekly Report #020

Monday, August 23, 1993

No On-Site Activity.

Tuesday, August 24

R. Hart visits site to maintain security measures. No On-Site Activity.

Wednesday, August 25

No On-Site Activities.

Thursday, August 26

K. Goisse, T&D Coordinator, received confirmation from Chem Waste Management for a Monday, August 30th shipping date for the remaining containerized materials. No On-Site Activities.

Friday, August 27

No On-Site Activity.

Saturday, August 28

No On-Site Activity.

Sunday, August 29

No On-Site Activity.

NL/Dutch Boy Paints Site
OHM Project #14296

WEEKLY PLANNER

The shipping date for the remaining six drums of containerized materials is Monday, August 30. The drums will be transported to Chem Waste Disposal in Model City, NY. Empty containers (which were collected during consolidation efforts), will be removed from the site on August 30th and shipped for metal recycling. OHM's remaining supplies and storage trailer will be removed from the site which will conclude demobilization activities.

NL/DUTCH BOY PAINTS SITE
PERTH AMBOY, NJ
OHM PROJECT #14296
Weekly Report #021

Monday, August 30, 1993

See attached field notes for details.

Tuesday, August 31

No On-Site Activity.

Wednesday, September 1

No On-Site Activities. Notification to remove the storage trailer from site was made to OHM's vendor.

Thursday, September 2

K. Goisse, T&D Coordinator, tentatively arranged the transport and disposal of 12 battery casings with Cycle Chem in Elizabeth New Jersey, for the week of September 6th. No On-Site Activities.

Friday, September 3

No On-Site Activity.

Saturday, September 4

No On-Site Activity.

Sunday, September 5

No On-Site Activity.

NL/Dutch Boy Paints Site
OHM Project #14296

WEEKLY PLANNER

The shipping date for the transport and disposal of the 12 battery casings will be confirmed September 7. OHM will commence generation of the final report.

NL/DUTCH BOY PAINTS SITE
PERTH AMBOY, NJ
OHM PROJECT #14296
Weekly Report #022

Monday, September 6, 1993

No On-Site Activity.

Tuesday, September 7

No On-Site Activity.

Wednesday, September 8

No On-Site Activities.

Thursday, September 9

Arrangements for the transportation and disposal of 12 battery casings has been confirmed with Cycle Chem for Tuesday, September 14. No On-Site Activities.

Friday, September 10

No On-Site Activity.

Saturday, September 11

No On-Site Activity.

Sunday, September 12

No On-Site Activity.

NL/Dutch Boy Paints Site
OHM Project #14296

WEEKLY PLANNER

The shipping date for the transport and disposal of the 12 battery casings is scheduled for Tuesday, September 14. The battery casings are destined for Cycle Chem in Elizabeth, NJ.

NL/DUTCH BOY PAINTS SITE
PERTH AMBOY, NJ
OHM PROJECT #14296
Weekly Report #023

Monday, September 13, 1993

No On-Site Activity.

Tuesday, September 14

The transport and disposal of 12 battery casings (consolidated into one 55-gallon drum) was performed. The containerized casings were shipped to Cycle Chem in Elizabeth, New Jersey.

Wednesday, September 15

No On-Site Activity.

Thursday, September 16

No On-Site Activity.

Friday, September 17

No On-Site Activity.

Saturday, September 18

No On-Site Activity.

Sunday, September 19

No On-Site Activity.

NL/Dutch Boy Paints Site
OHM Project #14296

WEEKLY PLANNER

OHM's T&D coordinator will arrange for the disposal of one container (identified in Bldg #4 second floor), consisting of consolidated materials.

NL/DUTCH BOY PAINTS SITE
PERTH AMBOY, NJ
OHM PROJECT #14296
Weekly Report #024

Monday, September 20, 1993

No On-Site Activity.

Tuesday, September 21

No On-Site Activity.

Wednesday, September 22

No On-Site Activity.

Thursday, September 23

No On-Site Activity.

Friday, September 24

Container of consolidated material was identified in building #4 second floor. The container was relocated to the 1st floor and disposal arrangements initiated.

Saturday, September 25

No On-Site Activity.

Sunday, September 26

No On-Site Activity.

NL/Dutch Boy Paints Site
OHM Project #14296

WEEKLY PLANNER

OHM's T&D coordinator has made arrangements with Republic Environmental Systems (Hatfield, PA) for disposal of the one container of consolidated materials. The shipping date is Wednesday, September 29. This activity will conclude site work.

NL/DUTCH BOY PAINTS SITE
PERTH AMBOY, NJ
OHM PROJECT #14296
Weekly Report #025

Monday, September 27, 1993

No On-Site Activity.

Tuesday, September 28

No On-Site Activity.

Wednesday, September 29

The one container of consolidated material from Building #4 was transported from the site and disposed of by Republic Environmental Systems (Hatfield, PA).

Thursday, September 30

No On-Site Activity.

Friday, October 1

No On-Site Activity.

Saturday, October 2

No On-Site Activity.

Sunday, October 3

No On-Site Activity.

NL/Dutch Boy Paints Site
OHM Project #14296

WEEKLY PLANNER

All on-site activities are completed, the remaining activity associated with the NL/Dutch Boy Paints Site is the submission of the Final Report. OHM will comence generation of the Final Report.