231501

SOIL AND SEDIMENT SAMPLING AND ANALYSIS SUMMARY REPORT

VOLUME 1 OF 2

CORNELL DUBILIER ELECTRONICS - BOUND BROOK
SOUTH PLAINFIELD, MIDDLESEX COUNTY, NEW JERSEY

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1.0 BACKGROUND

The Cornell-Dubilier Site is located at 333 Hamilton Boulevard in South Plainfield, Middlesex County, New Jersey (Attachment A, Figure 1). The site is approximately 25 acres in size. Facing Hamilton Boulevard are several buildings currently occupied by approximately 15 businesses. The rear of the property consists of an open field and adjoining wetlands. The facility is currently known as Hamilton Industrial Park.

The site is bordered by Hamilton Boulevard to the northwest, Spicer Avenue to the southwest, a wetlands area to the southeast, the Bound Brook and Conrail railroad tracks to the northeast. The Bound Brook traverses the southeast section of the site.

Cornell-Dubilier operated at the site from 1936 to 1962, manufacturing electronic components, including capacitors. It is alleged that during its operation, Cornell-Dubilier disposed of polychlorinated biphenyls (PCB) contaminated materials and other hazardous substances at the site.

Previous investigations have identified PCBs and heavy metals at the Cornell-Dubilier site and in the Bound Brook downstream of the site. Water, sediment and fish samples were collected from the Bound Brook at one (1) location adjacent to the site, three (3) locations between the site and New Market Pond, and two (2) locations in New Market Pond. Samples were also collected from one (1) location upstream of the site.

Sampling events were conducted in June and October, 1997 and April and May, 1998 to identify contamination due to off-site migration of site contaminants on neighboring residential and commercial areas.

2.0 OBJECTIVES

The objective of this sampling program was to collect surface and subsurface soil samples from the banks and sediment samples from the streambed along the Bound Brook. These samples were collected from locations upstream, midstream, and downstream of the Cornell-Dubilier site at transects established by USEPA and START. The soil and sediment samples were analyzed for total PCBs in order to identify potential PCB contamination upstream, midstream, and/or downstream of the Cornell-Dubilier site.

3.0 SAMPLING DESIGN AND APPROACH

Based on field measurements, an approximate length of 12,600 lf (2.4 mi.) of the Bound Brook was investigated. This area of concern included the length of the Bound Brook located immediately upstream, midstream and downstream of the Cornell-Dubilier site. A total of one-hundred (100) transects (A through VVVV) were established within the 2.4 mile area of concern at fifty (50) foot, one-hundred (100) foot and two-hundred (200) foot intervals.

An additional area of concern included an approximate 250-300 foot length of the Bound Brook located immediately downstream of the New Market Pond Spillway. A total of four (4) transects (Spillway A through D) were established for this area at 50 and 100 foot intervals.

For ease of interpretation, a total of nine (9) reaches were established which encompassed the above designated transects (see Figures 1 through 11). Breakdown, with transect intervals, is as follows:

- Reach 1 - Transects A - M (50' intervals);
- Reach 2 - Transects N - W (50' intervals);
- Reach 3 - Transects X - FF (50' intervals);
- Reach 4 - Transects GG - WW (50' intervals);
- Reach 5 - Transects XX - III (XX - BBB, 100' intervals, BBB - III, 200' intervals);
- Reach 6 - Transects JJJ - WWW (200' intervals);
- Reach 7 - Transects XXX - JJJJ (200' intervals);
- Reach 8 - Transects KKKK - VVVV (200' intervals);
- Reach 9 - Spillway Transects A - D (50' intervals).

Pursuant to Section 4.2 - "Sampling Design" of the September 3, 1997 Sampling QA/QC Work Plan (DCN: START-02-F-1282), the goal was to collect a total of ten (10) samples per transect and submit them for laboratory analysis. Sediment sample collection began at the most downstream transect of the respective reach and continued upstream. This eliminated contamination of downstream sediment sampling locations due to streambed disturbances from upstream locations during sampling activities. Each transect extended from the north bank to the south bank of the Bound Brook. Within each transect, there was a total of five (5) sample locations. One (1) sample location was placed in the middle of the streambed. Two (2) sample locations each, along the north and south banks of Bound Brook, were placed at five (5) and ten (10) feet intervals from where the stream met the bank. The sample location in the middle of the streambed was determined by using the sample locations from the north and south banks as guidance. At each sample location, one (1) surface (0-6") and one (1) subsurface (18"-24") sample was collected. With regards to the subsurface sample, if first groundwater or refusal was encountered at less than 24", the subsurface sample was collected at the soil/water interface (0-6" depth interval above first groundwater) or the 0-6" interval above refusal. Individual soil/sediment samples were designated in accordance with the following identification scheme:

Example 1 - Sample ANS1 where:

A = Transect A;
N = North bank of Bound Brook;
S = Surface (0-6") soil sample;
1 = Sample No. 1, collected 5.0' from where the stream meets the bank.

Example 2 - Sample BBSD2:

BB = Transect BB;
S = South bank of Bound Brook;
D = Depth (18-24" or 0-6" above first groundwater or refusal) soil sample;
2 = Sample No. 2, collected 10.0' from where the stream meets the bank.

Example 3 - Sample CCCSED(S):

CCC = Transect CCC;
SED = Sediment sample;
(S) = Surface (0-6") sample, collected from the streambed; (D) = (18-24" or 0-6" above refusal).

All deviations from this sampling design were noted in the following text below and/or in the Sampling Trip Reports included in Appendix 2.

4.0 SAMPLING & ANALYSIS - AUGUST 14 & 15, 1997

Soil/sediment sampling activities were performed on August 14 & 15, 1997 by the following personnel:

1. Dan Harkay - USEPA, Region II
2. Michael Mahnkopf - START, Region II
3. Robin Farrell - Roy F. Weston
4. Hemendra Moradia - START, Region II
5. Ilene Presworsky - START, Region II

All soil/sediment samples were collected utilizing dedicated plastic scoops and/or spatulas and stainless steel hand augers. The stainless steel hand augers were decontaminated between boreholes in accordance with the procedures outlined in the "Sampling Equipment Decontamination EPA/ERT SOP #2006" document. All samples were analyzed by Chemtech Consulting Group, 110 Route 4, Englewood, NJ 07631, (201) 567-6868. For additional information, see the August 25, 1997 Sampling Trip Report included in Appendix 2 and project logbook # START-02-209.

On August 14 & 15, 1997, a total of one-hundred and twelve (112) soil/sediment samples were collected from fifty-two (52) sample borings located within Spillway Transects A - D and Transects A - M. Thirty-four (34) surface soil samples, thirty (30) subsurface soil samples, and thirty-three (33) sediment samples were collected and analyzed for total PCBs.

QA/QC samples included the collection of five (5) field duplicate samples (SWANS3 - dupl. of SWANS1; SWDSS3 dupl. of SWDSS1; CSED(S-3) - dupl. of CSED(S); JNS3 dupl. of JNS1; MSS3 - dupl. of MSS1) and five (5) matrix spike/matrix spike duplicate samples (SWANS1MS/MSD, SWDSS1MS/MSD, CSED(S)MS/MSD, JNS1MS/MSD, MSS1MS/MSD). These QA/QC samples were analyzed for total PCBs.

Analytical results are summarized in Tables 1 and 2 and Figures 3 and 11. Qualifiers associated with the analytical results are discussed in the data validation package. The laboratory Form I's and data validation package are included as Appendix 3.

5.0 SAMPLING & ANALYSIS - AUGUST 27, 1997

Soil/sediment sampling activities were performed on August 27, 1997 by the following personnel:

1. Dan Harkay - USEPA, Region II
2. Michael Mahnkopf - START, Region II
3. Gene Fowler - START, Region II
4. Kevin McGarry - START, Region II
5. Hemendra Moradia - START, Region II

All soil/sediment samples were collected utilizing dedicated plastic scoops and/or spatulas and stainless steel hand augers. The stainless steel hand augers were decontaminated between boreholes in accordance with the procedures outlined in the "Sampling Equipment Decontamination EPA/ERT SOP #2006" document. All samples were analyzed by Chemtech Consulting Group, 110 Route 4, Englewood, NJ 07631, (201) 567-6868. For additional information, see the September 3, 1997 Sampling Trip Report included in Appendix 2 and project logbook # START-02-209.

On August 27, 1997, a total of ninety (90) soil/sediment samples were collected from forty-three (43) sample borings located within Transects A - H and N - W. Thirty-two (32) surface soil samples, thirty (30) subsurface soil samples, and sixteen (16) sediment samples were collected and analyzed for total PCBs.

QA/QC samples included the collection of four (4) field duplicate samples (BNS3 - dupl. of BNS1; DNS3 dupl. of DNS1; FNS3 - dupl. of FNS1; HNS3 dupl. of HNS1) and four (4) matrix spike/matrix spike duplicate samples (BNS1MS/MSD, DNS1MS/MSD, FNS1MS/MSD, HNS1MS/MSD). These QA/QC samples were analyzed for total PCBs.

Analytical results are summarized in Table 3 and Figures 3 and 4. Qualifiers associated with the analytical results are discussed in the data validation package. The laboratory Form I's and data validation results are included as Appendix 3.

6.0 SAMPLING & ANALYSIS - SEPTEMBER 3, 1997

Soil/sediment sampling activities were performed on September 3, 1997 by the following personnel:

1. Dan Harkay - USEPA, Region II
2. Michael Mahnkopf - START, Region II
3. Mark Ellis - Roy F. Weston
4. Hemendra Moradia - START, Region II
5. Amy Telford - Roy F. Weston

All soil/sediment samples were collected utilizing dedicated plastic scoops and/or spatulas and stainless steel hand augers. The stainless steel hand augers were decontaminated between boreholes in accordance with the procedures outlined in the "Sampling Equipment Decontamination EPA/ERT SOP #2006" document. All samples were analyzed by Chemtech Consulting Group, 110 Route 4, Englewood, NJ 07631, (201) 567-6868. For additional information, see the September 8, 1997 Sampling Trip Report included in Appendix 2 and project logbook # START-02-209.

On September 3, 1997, a total of ninety-seven (97) soil samples were collected from forty-four (44) sample borings located within Transects N - W. Forty-four (44) surface soil samples and thirty-eight (38) subsurface soil samples were collected and analyzed for total PCBs.

QA/QC samples included the collection of five (5) field duplicate samples (ONS3 - dupl. of ONS1; QNS3 dupl. of QNS1; SNS3 - dupl. of SNS1; UNS3 dupl. of UNS1; WNS3 - dupl. of WNS1) and five (5) matrix spike/matrix spike duplicate samples (ONS1MS/MSD, QNS1MS/MSD, SNS1MS/MSD, UNS1MS/MSD, WNS1MS/MSD). These QA/QC samples were analyzed for total PCBs.

Analytical results are summarized in Table 4 and Figure 4. Qualifiers associated with the analytical results are discussed in the data validation package. The laboratory Form I's and data validation results are included as Appendix 3.

7.0 SAMPLING & ANALYSIS - SEPTEMBER 25 & 26, 1997

Soil/sediment sampling activities were performed on September 25 & 26, 1997 by the following personnel:

1. Dan Harkay - USEPA, Region II
2. Michael Mahnkopf - START, Region II
3. Ed Moyle - START, Region II

4. Christoph Stannik - START, Region II
5. John Szalkowski - START, Region II

All soil/sediment samples were collected utilizing dedicated plastic scoops and/or spatulas and stainless steel hand augers. The stainless steel hand augers were decontaminated between boreholes in accordance with the procedures outlined in the "Sampling Equipment Decontamination EPA/ERT SOP #2006" document. All samples were analyzed by Chemtech Consulting Group, 110 Route 4, Englewood, NJ 07631, (201) 567-6868. For additional information, see the October 1, 1997 Sampling Trip Report included in Appendix 2 and project logbook # START-02-209.

On September 25 & 26, 1997, a total of two-hundred and eighteen (218) soil/sediment samples were collected from one-hundred and thirty-one (131) sample borings located within Transects X - Z and AA - WW. One-hundred and three (103) surface soil samples, fifty-seven (57) subsurface soil samples, and thirty-four (34) sediment samples were collected and analyzed for total PCBs.

The following QA/QC samples were collected and analyzed for total PCBs.

Field duplicate samples (12)

1. GGSED(S)-1 - duplicate of GGSED(S);
2. OOSED(S)-1 - duplicate of OOSED(S);
3. WWSED(S)-1 - duplicate of WWSED(S);
4. ZNS3 - duplicate of ZNS1;
5. CCNS3 - duplicate of CCNS1;
6. GGNS3 - duplicate of GGNS1;
7. IINS3 - duplicate of IINS1;
8. LLNS3 - duplicate of LLNS1;
9. NNNS3 - duplicate of NNNS1;
10. PPNS3 - duplicate of PPNS1;
11. SSNS3 - duplicate of SSNS1;
12. UUNS3 - duplicate of UUNS1.

Matrix spike/Matrix spike duplicate samples (12)

1. GGSED(S) MS/MSD;
2. OOSED(S) MS/MSD;
3. WWSED(S) MS/MSD;
4. ZNS1 MS/MSD;
5. CCNS1 MS/MSD;
6. GGNS1 MS/MSD;
7. IINS1 MS/MSD;

8. LLNS1 MS/MSD;
9. NNNS1MS/MSD;
10. PPNS1 MS/MSD;
11. SSNS1 MS/MSD;
12. UUNS1 MS/MSD.

Analytical results are summarized in Table 5 and Figures 5 and 6. Qualifiers associated with the analytical results are discussed in the data validation package. The laboratory Form I's and data validation results are included as Appendix 4.

8.0 SAMPLING & ANALYSIS - OCTOBER 16, 1997

Soil/sediment sampling activities were performed on October 16, 1997 by the following personnel:

1. Dan Harkay - USEPA, Region II
2. Michael Mahnkopf - START, Region II

All soil/sediment samples were collected utilizing dedicated plastic scoops and/or spatulas and stainless steel hand augers. The stainless steel hand augers were decontaminated between boreholes in accordance with the procedures outlined in the "Sampling Equipment Decontamination EPA/ERT SOP #2006" document. All samples were analyzed by Chemtech Consulting Group, 110 Route 4, Englewood, NJ 07631, (201) 567-6868. For additional information, see the October 21, 1997 Sampling Trip Report included in Appendix 2 and project logbook # START-02-209.

On October 16, 1997, a total of fifty-seven (57) soil/sediment samples were collected from twenty-five (25) sample borings located within Transects XX - BBB. One (1) sediment sample each from the following locations was also collected:

- Bound Brook/Spillway South;
- Bound Brook/Discharge Pipe;
- Bound Brook/Bridge South;
- Bound Brook/Spring Lake Discharge.

Twenty (20) surface soil samples, twenty (20) subsurface soil samples, and twelve (12) sediment samples were collected and analyzed for total PCBs.

QA/QC samples included the collection of three (3) field duplicate samples (XXNS3 - dupl. of XXNS1; ZZNS3 dupl. of ZZNS1; BBBNS3 - dupl. of BBBNS1) and three (3) matrix spike/matrix spike duplicate samples (XXNS1MS/MSD, ZZNS1MS/MSD, BBBNS1MS/MSD). These QA/QC samples were analyzed for total PCBs.

Analytical results are summarized in Table 6 and Figure 7. Qualifiers associated with the analytical results are discussed in the data validation package. The laboratory Form I's and data validation results are included as Appendix 4.

9.0 SAMPLING & ANALYSIS - NOVEMBER 5 & 6, 1997

Soil/sediment sampling activities were performed on November 5 & 6, 1997 by the following personnel:

1. Dan Harkay - USEPA, Region II
2. Michael Mahnkopf - START, Region II
3. Brian McGinn - START, Region II
4. Paul Potvin - START, Region II (11/06/97 only)
5. Ilene Presworsky - START, Region II
6. Alfredo Vitrano - START, Region II

All soil/sediment samples were collected utilizing dedicated plastic scoops and/or spatulas and stainless steel hand augers. The stainless steel hand augers were decontaminated between boreholes in accordance with the procedures outlined in the "Sampling Equipment Decontamination EPA/ERT SOP #2006" document. All samples were analyzed by Datachem Lab, 960 West Levoy Drive, Salt Lake City, UT 84123, (801) 266-7700. For additional information, see the November 17, 1997 Sampling Trip Report included in Appendix 2 and project logbook # START-02-209.

On November 5 and 6, 1997, a total of two-hundred and seventy-five (275) soil/sediment samples were collected from one-hundred and thirty (130) sample borings located within Transects CCC - BBBB. One-hundred and four (104) surface soil samples, ninety-seven (97) subsurface soil samples, and forty-six (46) sediment samples were collected and analyzed for total PCBs.

The following QA/QC samples were collected and analyzed for total PCBs.

<u>Field duplicate samples (14)</u>

1. MMMNS3 - duplicate of MMMNS1;
2. OOONS3 - duplicate of OOONS1;
3. QQQNS3 - duplicate of QQQNS1;
4. SSSNS3 - duplicate of SSSNS1;
5. UUUNS3 - duplicate of UUUNS1;
6. WWWNS3 - duplicate of WWWNS1;
7. CCCSS3 - duplicate of CCCSS1;
8. EEENS3 - duplicate of EEENS1;
9. GGGNS3 - duplicate of GGGNS1;

10. IIINS3 - duplicate of IIINS1;
11. KKKNS3 - duplicate of KKKNS1;
12. XXXNS3 - duplicate of XXXNS1;
13. ZZZNS3 - duplicate of ZZZNS1;
14. AAAANS3 - duplicate of AAAANS1;

Matrix spike/Matrix spike duplicate samples (14)

1. MMMNS1 MS/MSD;
2. OOONS1 MS/MSD;
3. QQQNS1 MS/MSD;
4. SSSNS1 MS/MSD;
5. UUUNS1 MS/MSD;
6. WWWNS1 MS/MSD;
7. CCCSS1 MS/MSD;
8. EEENS1 MS/MSD;
9. GGGNS1MS/MSD;
10. IIINS1 MS/MSD;
11. KKKNS1 MS/MSD;
12. XXXNS1 MS/MSD.
13. ZZZNS1 MS/MSD;
14. AAAANS1 MS/MSD.

Analytical results are summarized in Tables 7 and 8 and Figures 7, 8, and 9. Qualifiers associated with the analytical results are discussed in the data validation package. The laboratory Form I's and data validation results are included as Appendix 5.

10.0 SAMPLING & ANALYSIS - DECEMBER 3 & 4, 1997

Soil/sediment sampling activities were performed on December 3 & 4, 1997 by the following personnel:

1. Dan Harkay - USEPA, Region II
2. Michael Mahnkopf - START, Region II
3. Raymond Klimcsak - START, Region II
4. Brian McGinn - START, Region II (12/04/97 only)
5. Alizabeth Olhasso - START, Region II (12/03/97 only)
6. Alfredo Vitrano - START, Region II

All soil/sediment samples were collected utilizing dedicated plastic scoops and/or spatulas and stainless steel hand augers. The stainless steel hand augers were decontaminated between boreholes in accordance with the procedures outlined in the "Sampling Equipment Decontamination EPA/ERT SOP #2006" document.

All samples were analyzed by ICM Laboratories, 1152 Route 10, Randolph, NJ 07869, (973) 584-0330. For additional information, see the December 18, 1997 Sampling Trip Report included in Appendix 2 and project logbook # START-02-209.

On December 3 and 4, 1997, a total of two-hundred and eleven (211) soil/sediment samples were collected from one-hundred (100) sample borings located within Transects CCCC - VVVV. Eighty (80) surface soil samples, seventy-one (71) subsurface soil samples, and thirty-eight (38) sediment samples were collected and analyzed for total PCBs.

The following QA/QC samples were collected and analyzed for total PCBs.

Field duplicate samples (11)

1. CCCCNS3 - duplicate of CCCCNS1;
2. EEEENS3 - duplicate of EEEENS1;
3. GGGGNS3 - duplicate of GGGGNS1;
4. IIIINS3 - duplicate of IIIINS1;
5. KKKKNS3 - duplicate of KKKKNS1;
6. NNNNNS3 - duplicate of NNNNNS1;
7. QQQQNS3 - duplicate of QQQQNS1;
8. OOOOSS3 - duplicate of OOOOSS1;
9. RRRRNS3 - duplicate of RRRRNS1;
10. TTTTNS3 - duplicate of TTTTNS1;
11. VVVVNS3 - duplicate of VVVVNS1;

Matrix spike/Matrix spike duplicate samples (11)

1. CCCCNS1 MS/MSD;
2. EEEENS1 MS/MSD;
3. GGGGNS1 MS/MSD;
4. IIIINS1 MS/MSD;
5. KKKKNS1 MS/MSD;
6. NNNNNS1 MS/MSD;
7. QQQQNS1 MS/MSD;
8. OOOOSS1 MS/MSD;
9. RRRRNS1MS/MSD;
10. TTTTNS1 MS/MSD;
11. VVVVNS1 MS/MSD;

Analytical results are summarized in Tables 9 and 10 and Figures 9 and 10. Qualifiers associated with the analytical results are discussed in the data validation package. The laboratory Form I's and data validation results are included as Appendix 6.

11.0 SITE SPECIFIC QUALITY ASSURANCE/QUALITY CONTROL PLAN

The objective of this QA/QC plan is to provide analytical results which are legally defensible in a court of law. The QA/QC plan incorporated procedures for field sampling, chain of custody, laboratory analyses, and reporting to assure generation of sound analytical results. Sampling procedures were conducted in accordance with USEPA protocols.

11.1 Sampling Equipment and Methods

Samples were collected at the locations and depths as described in this report. Procedural changes dictated by field conditions were fully documented in the field notes and the trip reports.

Equipment utilized for this project were dedicated plastic scoops and spatulas and stainless steel hand augers. All soil samples were transferred immediately after collection into sample bottles selected by parameter as listed below. Sample bottles used for this project were prepared in accordance with USEPA criteria for polychlorinated biphenyls (PCBs).

The type of sample container required for the Cornell Dubilier Electronics residential soil investigation were as follows:

a. Polychlorinated Biphenyls - 8 oz. glass bottle with teflon closure.

All soil samples were packed on ice immediately following collection.

All samples were labeled with the following information:

a. sample number;
b. date and time of collection;
c. site name;
d. sample collector's initials;
e. analyses required.

Accurate field notes were maintained which included the information listed above. Additional information included, but was not limited to:

a. sample location sketch;
b. sample method;
c. general comments, including any modification from the sample plan.

11.2 Chain of Custody

Chain of custody was maintained for all samples. Chain of custody originated with the collection of the samples and was maintained until the samples were relinquished to the laboratory. The chain of custody form detailed the following information:

a. sample identification number;
b. sample collection date and time;
c. sample matrix;
d. expected contaminant concentration (low, medium, high);
e. sample type (grab or composite);
f. sample preservation;
g. analytical parameters;
h. name(s) and signatures(s) of sampler(s);
i. signatures(s) of individual(s) with control over samples.

11.3 Quality Assurance/Quality Control Samples

The matrix for all samples included in this investigation were soil/sediment. QA/QC samples included the collection of one (1) field duplicate and one (1) matrix spike/matrix spike duplicate sample for each matrix (soil) per sampling date at a ratio of one (1) per twenty (20) samples. Extra volume was submitted to allow the laboratory to perform matrix spike sample analysis. This analysis provides information about the effect of sample matrix digestion and measurement methodology. Field duplicate samples provide an indication of sample homogeneity and were not identified to the laboratory.

In addition, one (1) rinsate blank per sampling date was also be submitted for PCB analysis. The rinsate blank is an indicator of the effectiveness of the equipment decontamination procedures.

11.4 Sample QA/QC Data

CLP format deliverable QA/QC packages were provided by Chemtech Consulting Group, Datachem Lab, and ICM Laboratories for all samples submitted for analysis.

12.0 DATA VALIDATION

Data was evaluated according to criteria contained in the Removal Program Data Validation Procedures that accompany OSWER Directive number 9360.4-1 and in accordance with Region II guidelines using the following data validation SOP: SOP HW-13. Laboratory analytical results were assessed by the data reviewer for compliance with required precision, accuracy, completeness, representativeness, and sensitivity.

Data validation was performed by START, Region II in accordance with Level QA-2 criteria. Data validation results indicate that the analytical results are acceptable with comments. The analytical data generated for the following soil/sediment samples was rejected and considered unusable. Significant data bias was evident and the reported analyte concentration was considered unreliable.

1. JJNS2;
2. KKNS2;
3. KKND1;
4. LLNS2;
5. NNNS2;
6. NNND2;
7. OONS2;
8. FFFSD1;
9. XXXSED(S);
10. MMMMSS2.

For specific comments, see the Data Validation Results included as Appendices 3 through 6.

13.0 DISCUSSION

As summarized in Tables 1 through 10 and Figures 3 through 11 of this report, total PCB concentrations were exhibited by soil and sediment samples collected from Reaches 1 through 9. Mean total PCB concentrations were calculated for the following areas. For statistical purposes, the method detection limit (MDL) was utilized for samples which did not exhibit total PCB concentrations.

1. Surface (0-6" depth interval) soil samples collected from the north and south banks of the Bound Brook. Mean total PCB concentration was 7.59 parts per million (ppm).

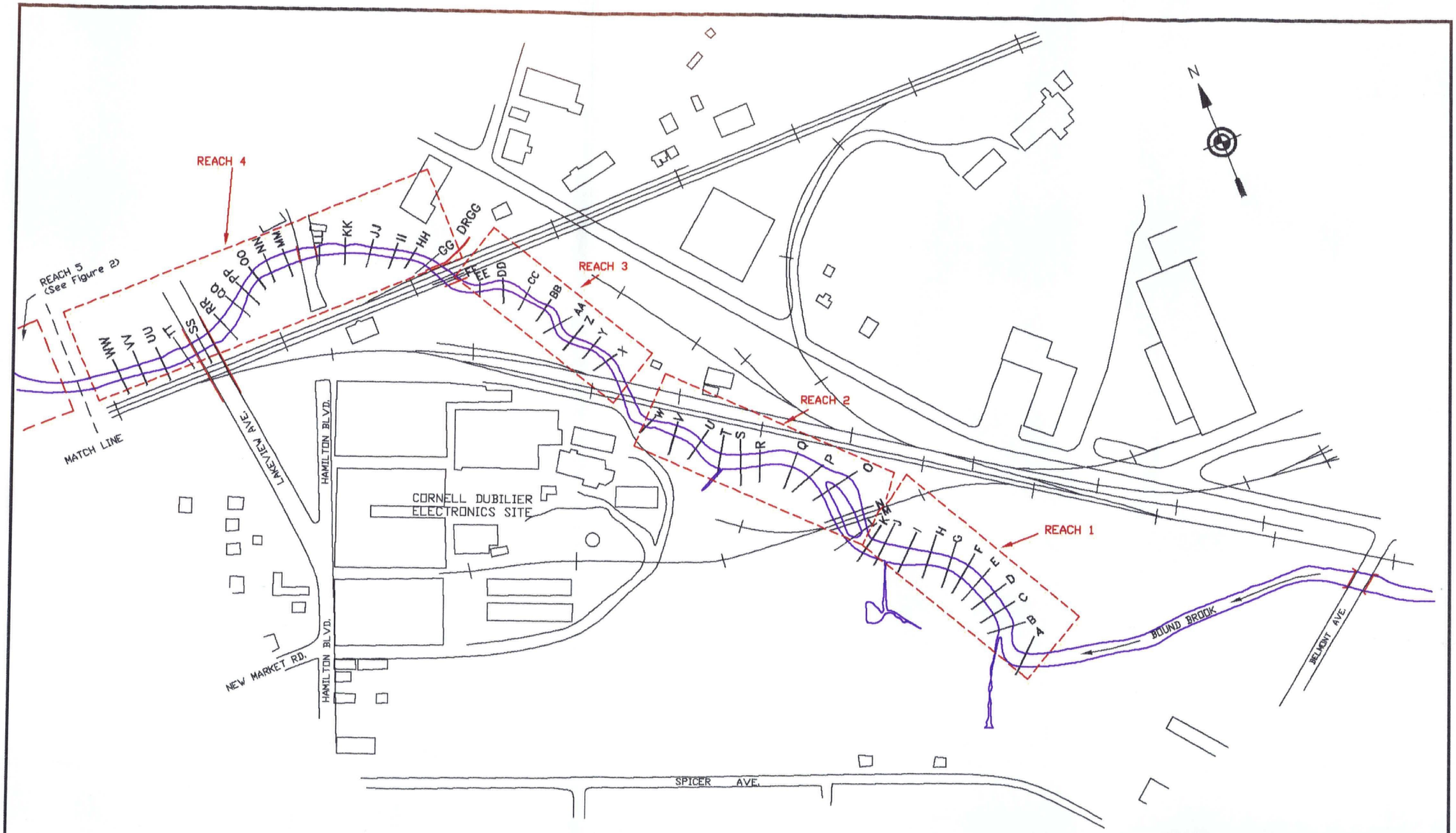
2. Subsurface (depth interval varied) soil samples collected from the north and south banks of the Bound Brook. Mean total PCB concentration was 11.97 ppm.

3. Surface (0-6" depth interval) sediment samples collected from the streambed of the Bound Brook. Mean total PCB concentration was 2.93 ppm.

4. Subsurface (depth interval varied) sediment samples collected from the streambed of the Bound Brook. Mean total PCB concentration was 2.34 ppm.

APPENDIX 1

SITE MAPS/FIGURES



GRAPHIC SCALE

156 0 78.0 156 312

(IN FEET)
1 inch = 156 ft.
(APPROXIMATE)

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FIGURE 1 - SITE MAP - BOUND BROOK
CORNELL DUBILIER ELECTRONICS SITE - REACHES 1-4
SOUTH PLAINFIELD, NEW JERSEY
OCTOBER 1997

US EPA REMOVAL ACTION BRANCH
SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
CONTRACT# 68-W5-0019

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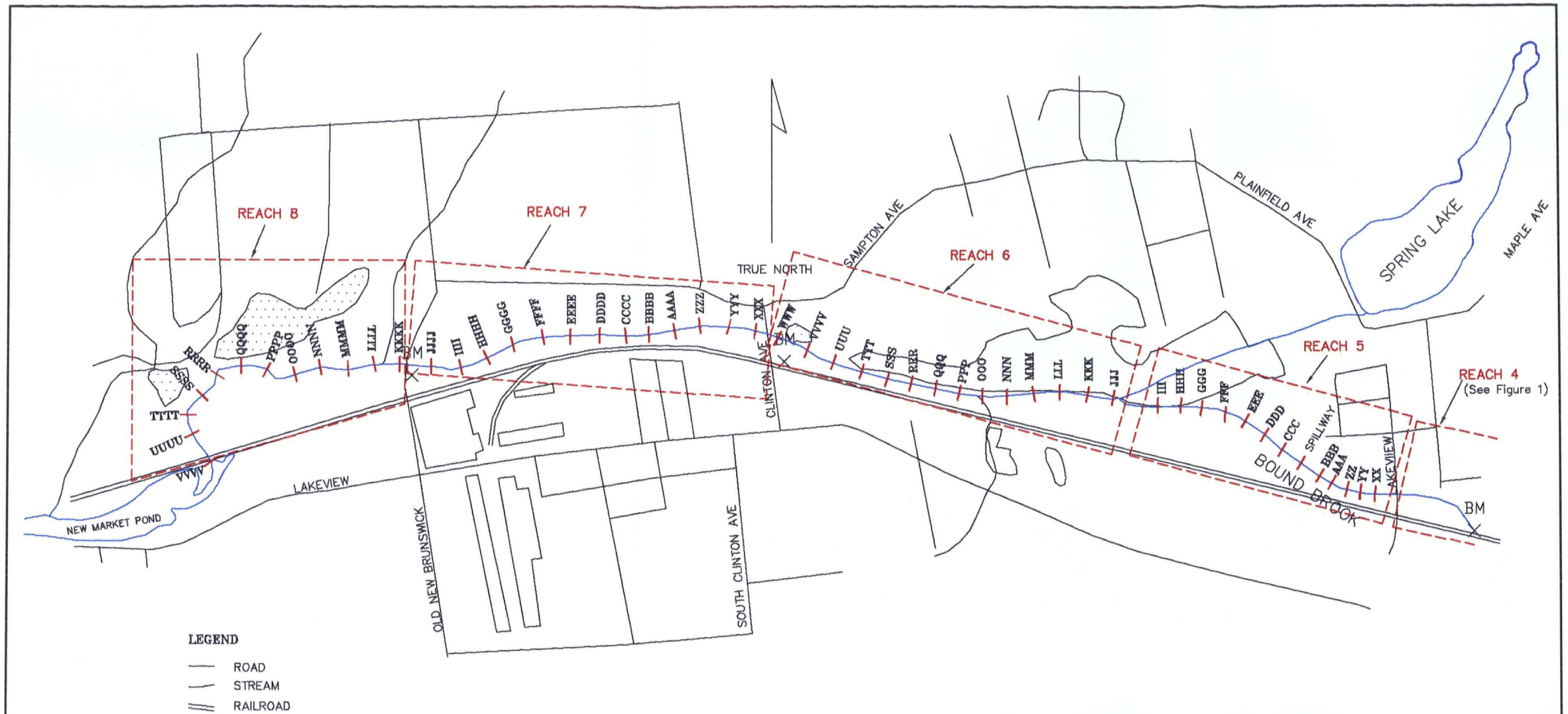

0 100 200 300 400 500 600

SCALE IN METERS

FIGURE 2 - SITE MAP - BOUND BROOK
CORNELL-DUBILIER ELECTRONICS - REACHES 5-8
SOUTH PLAINFIELD, NEW JERSEY
DECEMBER 1997

US EPA REMOVAL ACTION BRANCH

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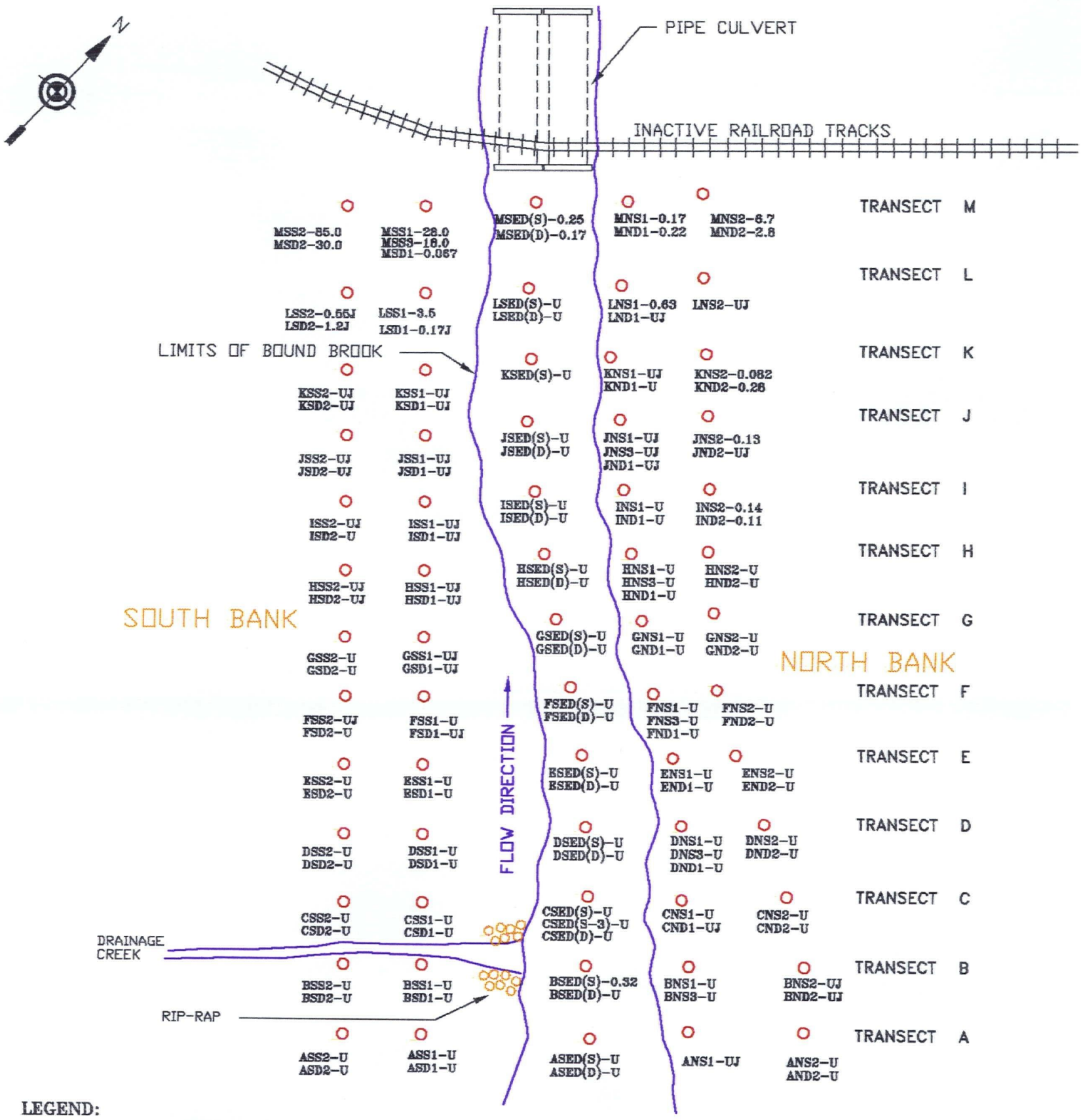

LEGEND:

U = NON DETECTED COMPOUND
J = ESTIMATED VALUE

SAMPLE DESIGNATION EXAMPLE No. 1

ANS1
A = TRANSECT A
N = NORTH BANK
S = SURFACE (0-6") SOIL SAMPLE
1 = SAMPLE No.1, COLLECTED 5.0' FROM WHERE THE STREAM MEETS THE BANK

SAMPLE DESIGNATION EXAMPLE No.2

BSD2 WHERE:
B = TRANSECT B
S = SOUTH BANK
D = DEPTH (18"-24" OR 0-6" INTERVAL ABOVE FIRST GROUNDWATER OR REFUSAL) SOIL SAMPLE
2 = SAMPLE No.2, COLLECTED 10.0' FROM WHERE THE STREAM MEETS THE BANK

SAMPLE DESIGNATION EXAMPLE No. 3

CSED(S) WHERE:
C = TRANSECT C
SED = SEDIMENT SAMPLE
(S) = SURFACE (0-6") SAMPLE COLLECTED FROM THE STREAM BED; (D) = 18"-24" OR 0-6" ABOVE REFUSAL.

* All results expressed in mg/kg (ppm).

TRANSECTS ARE SPACED ON 50 FEET CENTERS

- DRAWING NOT TO SCALE -

FIGURE 3 - CORNELL-DUBILIER ELECTRONICS SOIL AND SEDIMENT SAMPLING LOCATIONS INDICATING TOTAL PCB CONCENTRATIONS. BOUND BROOK - REACH 1/TRANSECTS A - M

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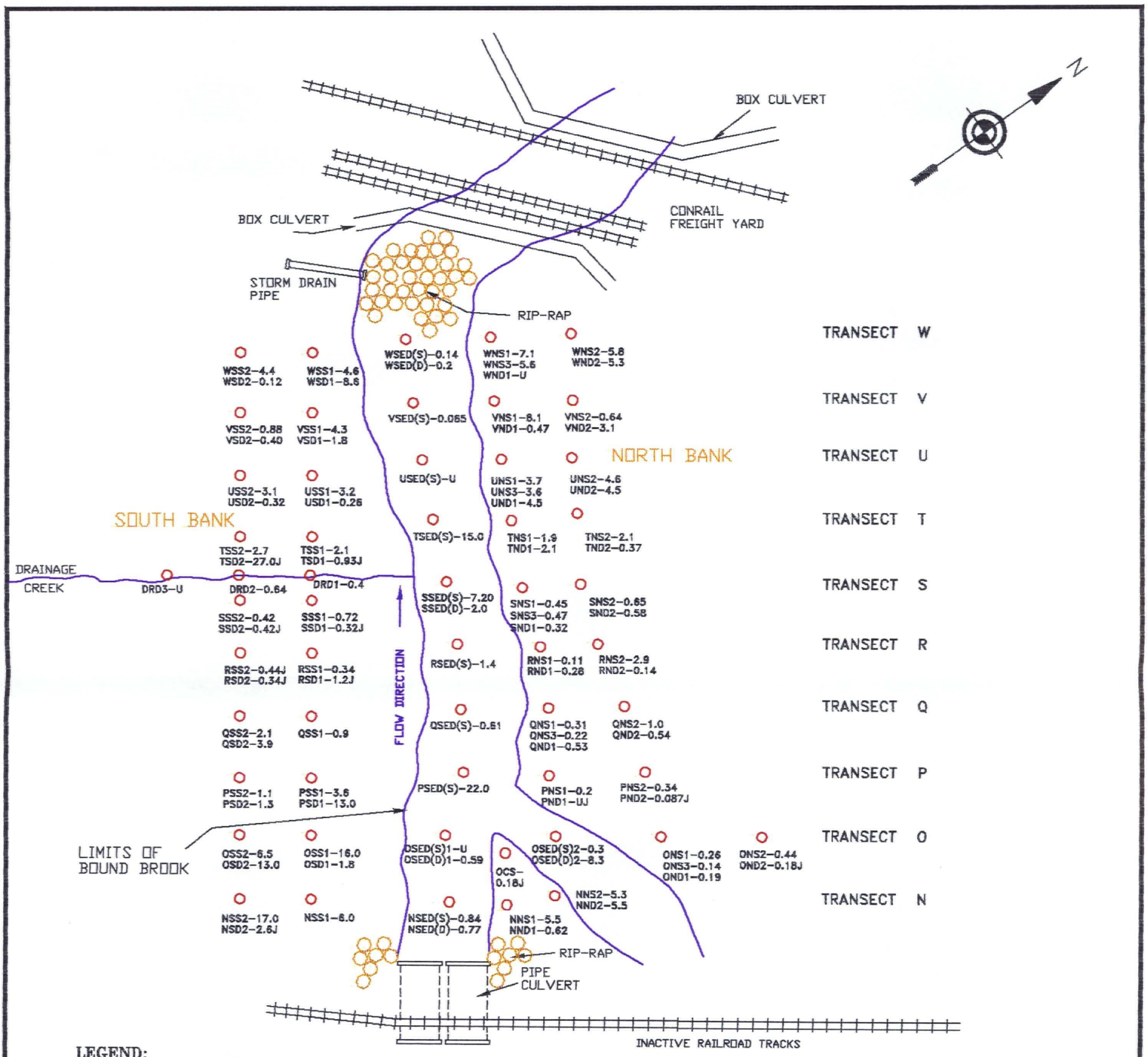

LEGEND:

U = NON DETECTED COMPOUND
J = ESTIMATED VALUE

SAMPLE DESIGNATION EXAMPLE No. 1

NNS1
N = TRANSECT N
N = NORTH BANK
S = SURFACE (0–6") SOIL SAMPLE
1 = SAMPLE No.1, COLLECTED 5.0' FROM WHERE THE STREAM MEETS THE BANK

SAMPLE DESIGNATION EXAMPLE No.2

OSD2 WHERE:
O = TRANSECT O
S = SOUTH BANK
D = DEPTH (18"–24" OR 0–6" INTERVAL ABOVE FIRST GROUNDWATER OR REFUSAL) SOIL SAMPLE
2 = SAMPLE No.2, COLLECTED 10.0' FROM WHERE THE STREAM MEETS THE BANK

SAMPLE DESIGNATION EXAMPLE No. 3

PSED(S) WHERE:
P = TRANSECT P
SED = SEDIMENT SAMPLE
(S) = SURFACE (0–6") SAMPLE COLLECTED FROM THE STREAM BED; (D) = 18"–24" OR 0–6" ABOVE REFUSAL.

* All results expressed in mg/kg (ppm).

TRANSECTS ARE SPACED ON 50 FEET CENTERS

– DRAWING NOT TO SCALE –

FIGURE 4 – CORNELL–DUBILIER ELECTRONICS SOIL AND SEDIMENT SAMPLING LOCATIONS INDICATING TOTAL PCB CONCENTRATIONS. BOUND BROOK – REACH 2/TRANSECTS N – W

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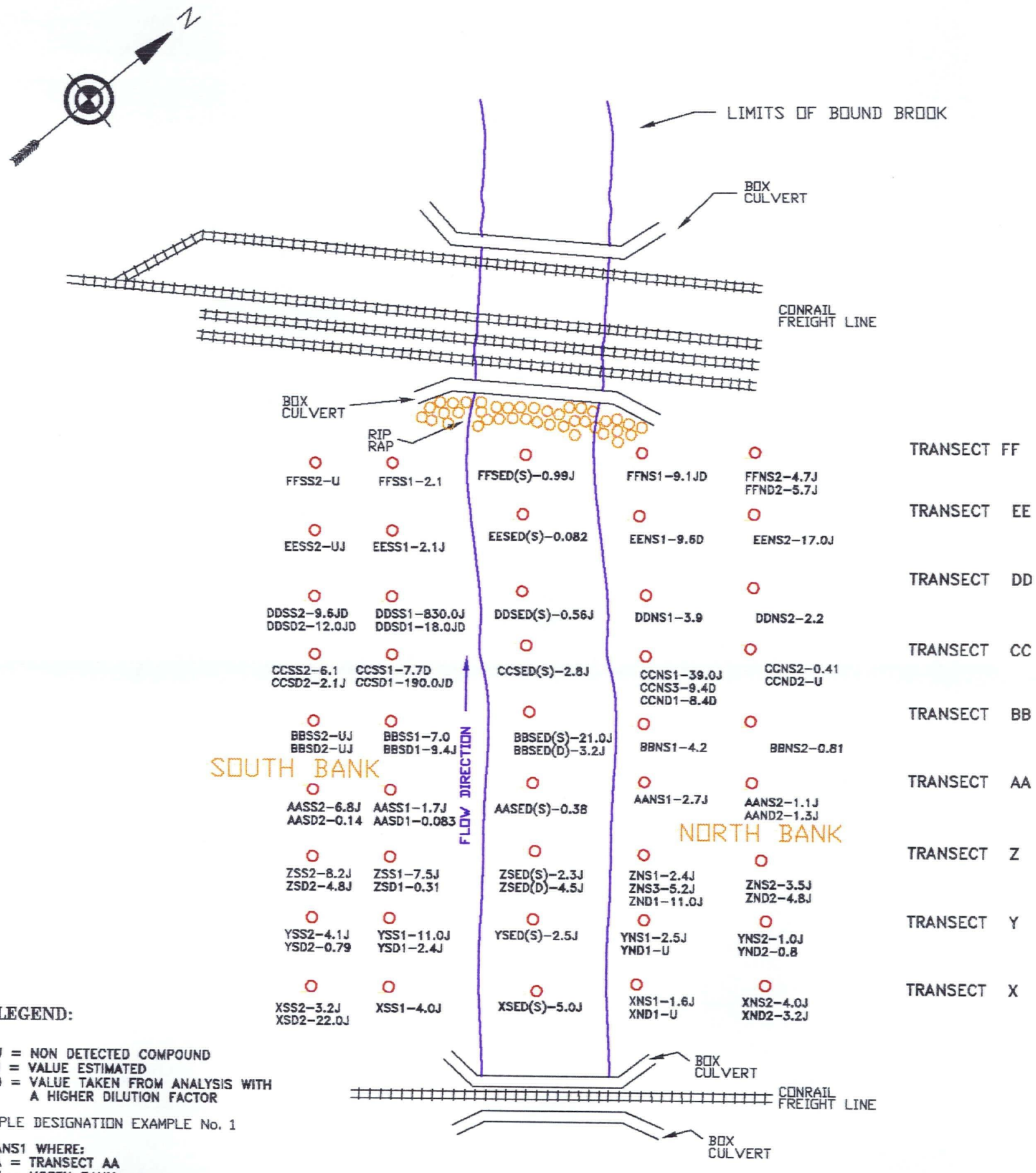

LEGEND:

U = NON DETECTED COMPOUND
J = VALUE ESTIMATED
D = VALUE TAKEN FROM ANALYSIS WITH A HIGHER DILUTION FACTOR

SAMPLE DESIGNATION EXAMPLE No. 1

AANS1 WHERE:
AA = TRANSECT AA
N = NORTH BANK
S = SURFACE (0-6") SOIL SAMPLE
1 = SAMPLE No.1, COLLECTED 5.0' FROM WHERE THE STREAM MEETS THE BANK

SAMPLE DESIGNATION EXAMPLE No.2

BBSD2 WHERE:
BB = TRANSECT BB
S = SOUTH BANK
D = DEPTH (18"-24" OR 0-6" INTERVAL ABOVE FIRST GROUNDWATER OR REFUSAL) SOIL SAMPLE
2 = SAMPLE No.2, COLLECTED 10.0' FROM WHERE THE STREAM MEETS THE BANK

SAMPLE DESIGNATION EXAMPLE No. 3

CCSED(S) WHERE:
CC = TRANSECT CC
SED = SEDIMENT SAMPLE
(S) = SURFACE (0-6") SAMPLE COLLECTED FROM THE STREAM BED; (D) = 18"-24" OR 0-6" ABOVE REFUSAL.

* All results expressed in mg/kg (ppm).

TRANSECTS ARE SPACED ON 50 FEET CENTERS

- DRAWING NOT TO SCALE -

FIGURE 5 - CORNELL-DUBILIER ELECTRONICS SOIL AND SEDIMENT SAMPLING LOCATIONS INDICATING TOTAL PCB CONCENTRATIONS. BOUND BROOK - REACH 3/TRANSECTS X - FF

US EPA REMOVAL ACTION BRANCH

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
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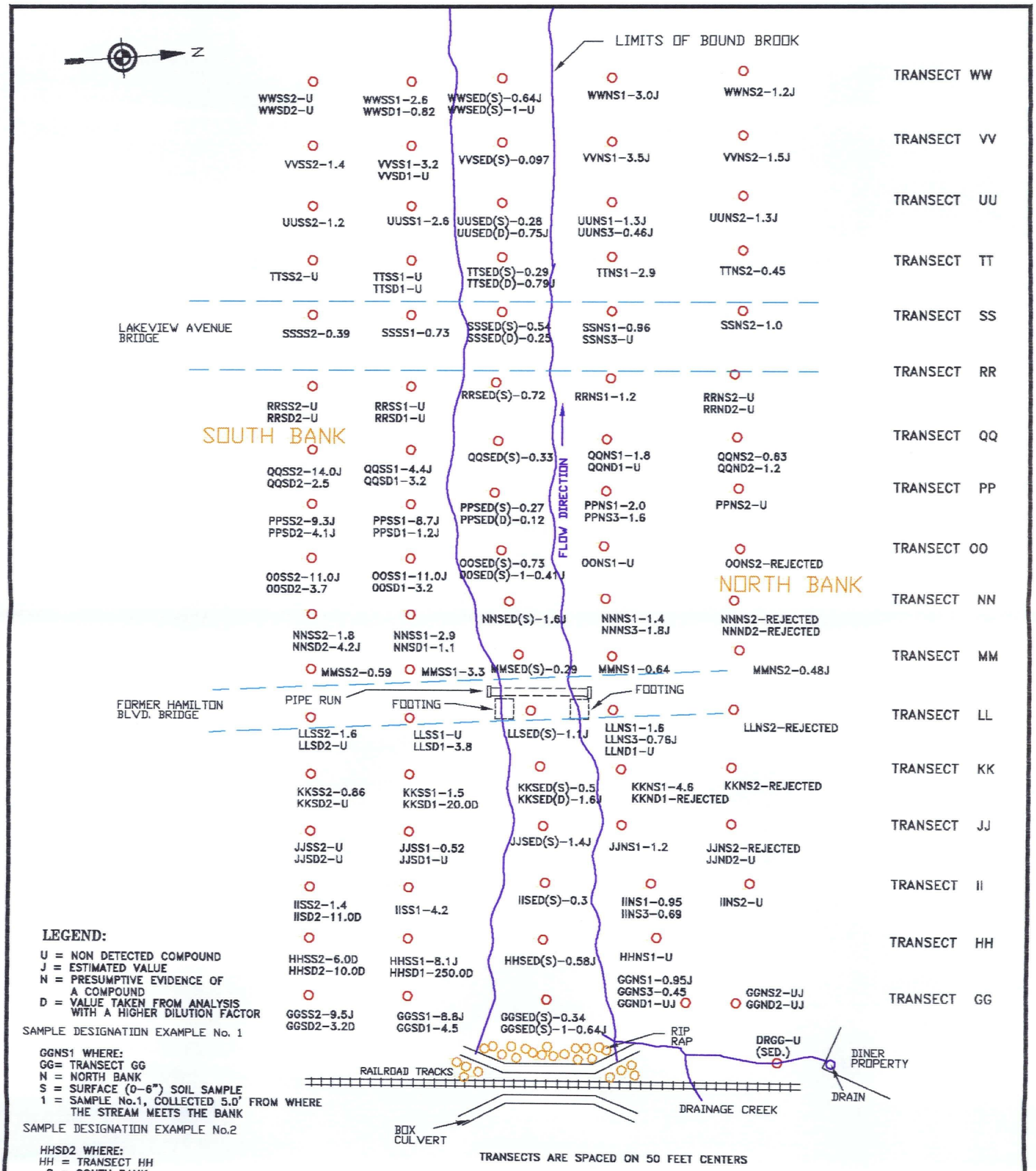

TRANSECTS ARE SPACED ON 50 FEET CENTERS

LEGEND:

U = NON DETECTED COMPOUND
J = ESTIMATED VALUE
N = PRESUMPTIVE EVIDENCE OF A COMPOUND
D = VALUE TAKEN FROM ANALYSIS WITH A HIGHER DILUTION FACTOR

SAMPLE DESIGNATION EXAMPLE No. 1

GGNS1 WHERE:
GG= TRANSECT GG
N = NORTH BANK
S = SURFACE (0-6") SOIL SAMPLE
1 = SAMPLE No.1, COLLECTED 5.0' FROM WHERE THE STREAM MEETS THE BANK

SAMPLE DESIGNATION EXAMPLE No.2

HHSD2 WHERE:
HH = TRANSECT HH
S = SOUTH BANK
D = DEPTH (18"-24" OR 0-6" INTERVAL ABOVE FIRST GROUNDWATER OR REFUSAL) SOIL SAMPLE
2 = SAMPLE No.2, COLLECTED 10.0' FROM WHERE THE STREAM MEETS THE BANK

SAMPLE DESIGNATION EXAMPLE No. 3

KKSED(S) WHERE:
KK = TRANSECT KK
SED = SEDIMENT SAMPLE
(S) = SURFACE (0-6") SAMPLE COLLECTED FROM THE STREAM BED; (D) = 18"-24" OR 0-6" ABOVE REFUSAL.

* All results expressed in mg/kg (ppm).

- DRAWING NOT TO SCALE -

FIGURE 6 - CORNELL-DUBILIER ELECTRONICS SOIL AND SEDIMENT SAMPLING LOCATIONS INDICATING TOTAL PCB CONCENTRATIONS. BOUND BROOK - REACH 4/TRANSECTS GG - WW

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LEGEND:

U = NON DETECTED COMPOUND
J = ESTIMATED VALUE
N = PRESUMPTIVE EVIDENCE OF A COMPOUND
D = VALUE TAKEN FROM ANALYSIS WITH A HIGHER DILUTION FACTOR

SAMPLE DESIGNATION EXAMPLE No. 1

XXNS1 WHERE:
XX = TRANSECT XX
N = NORTH BANK
S = SURFACE (0–6") SOIL SAMPLE
1 = SAMPLE No.1, COLLECTED 5.0' FROM WHERE THE STREAM MEETS THE BANK

SAMPLE DESIGNATION EXAMPLE No.2

YYSD2 WHERE:
YY = TRANSECT YY
S = SOUTH BANK
D = DEPTH (18"–24" OR 0–6" INTERVAL ABOVE FIRST GROUNDWATER OR REFUSAL) SOIL SAMPLE
2 = SAMPLE No.2, COLLECTED 10.0' FROM WHERE THE STREAM MEETS THE BANK

SAMPLE DESIGNATION EXAMPLE No. 3

AAASED(S) WHERE:
AAA = TRANSECT AAA
SED = SEDIMENT SAMPLE
(S) = SURFACE (0–6") SAMPLE COLLECTED FROM THE STREAM BED; (D) = 18"–24" OR 0–6" ABOVE REFUSAL.

* All results expressed in mg/kg (ppm).

TRANSECTS XX – BBB ARE SPACED ON 100 FEET CENTERS
TRANSECTS BBB – III ARE SPACED ON 200 FEET CENTERS

– DRAWING NOT TO SCALE –

FIGURE 7 – CORNELL-DUBILIER ELECTRONICS SOIL AND SEDIMENT SAMPLING LOCATIONS INDICATING TOTAL PCB CONCENTRATIONS. BOUND BROOK – REACH 5/TRANSECTS XX – III

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LEGEND:

U = NON DETECTED COMPOUND
J = ESTIMATED VALUE
N = PRESUMPTIVE EVIDENCE OF A COMPOUND
D = VALUE TAKEN FROM ANALYSIS WITH A HIGHER DILUTION FACTOR

TRANSECTS ARE SPACED ON 200 FEET CENTERS

SAMPLE DESIGNATION EXAMPLE No. 1

JJJNS1 WHERE:
JJJ = TRANSECT JJJ
N = NORTH BANK
S = SURFACE (0-6") SOIL SAMPLE
1 = SAMPLE No.1, COLLECTED 5.0' FROM WHERE THE STREAM MEETS THE BANK

SAMPLE DESIGNATION EXAMPLE No.2

KKKSD2 WHERE:
KKK = TRANSECT KKK
S = SOUTH BANK
D = DEPTH (18"-24" OR 0-6" INTERVAL ABOVE FIRST GROUNDWATER OR REFUSAL) SOIL SAMPLE
2 = SAMPLE No.2, COLLECTED 10.0' FROM WHERE THE STREAM MEETS THE BANK

SAMPLE DESIGNATION EXAMPLE No. 3

LLLSED(S) WHERE:
LLL = TRANSECT LLL
SED = SEDIMENT SAMPLE
(S) = SURFACE (0-6") SAMPLE COLLECTED FROM THE STREAM BED; (D) = 18"-24" OR 0-6" ABOVE REFUSAL.

* All results expressed in mg/kg (ppm).

- DRAWING NOT TO SCALE -

FIGURE 8 - CORNELL-DUBILIER ELECTRONICS SOIL AND SEDIMENT SAMPLING LOCATIONS INDICATING TOTAL PCB CONCENTRATIONS. BOUND BROOK - REACH 6/TRANSECTS JJJ - WWW

US EPA REMOVAL ACTION BRANCH
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CONTRACT# 68-W5-0019

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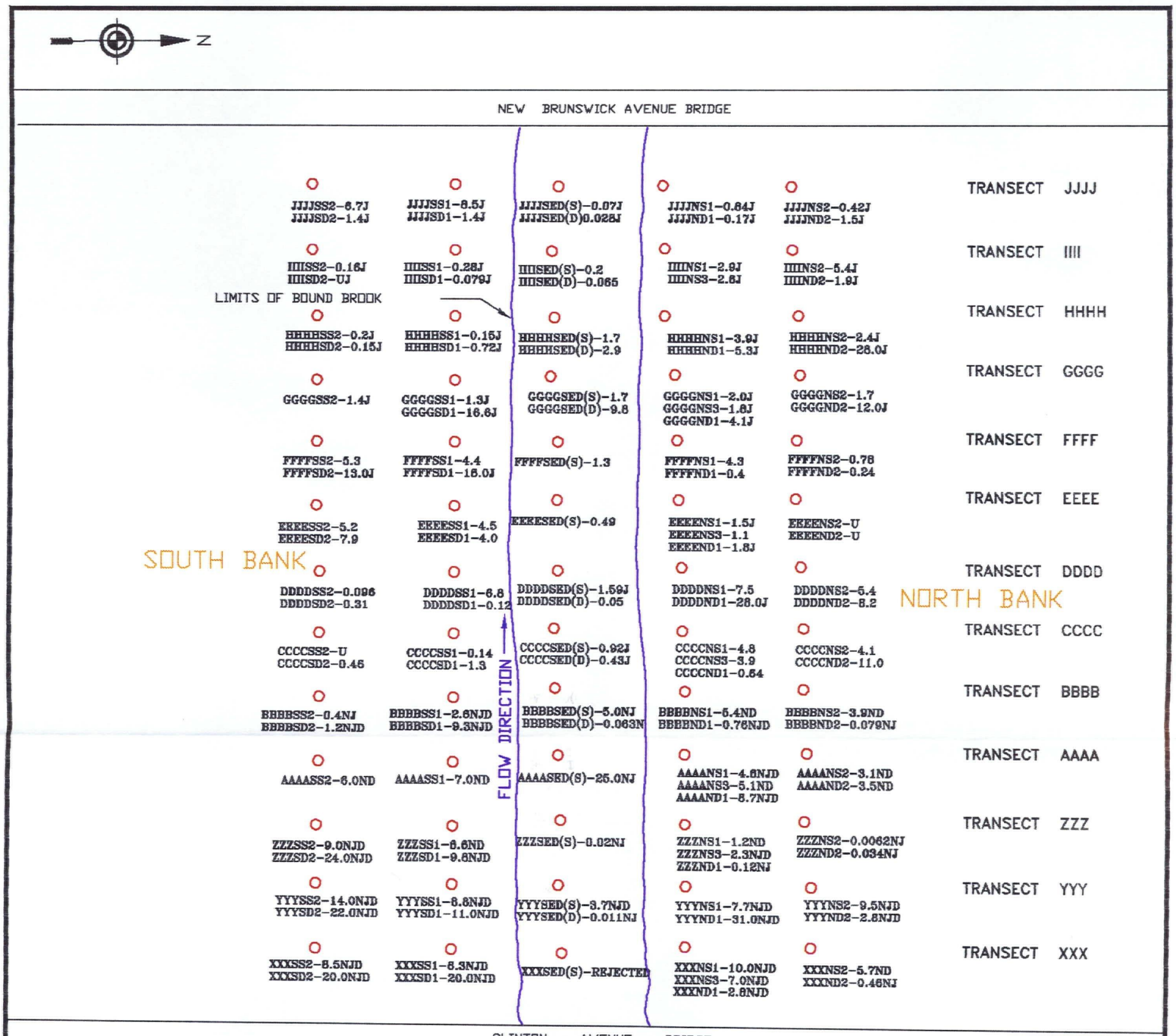

LEGEND:

TRANSECTS ARE SPACED ON 200 FEET CENTERS

U = NON DETECTED COMPOUND
J = ESTIMATED VALUE
N = PRESUMPTIVE EVIDENCE OF A COMPOUND
D = VALUE TAKEN FROM ANALYSIS WITH A HIGHER DILUTION FACTOR

SAMPLE DESIGNATION EXAMPLE No. 1

XXXNS1 WHERE:
XXX = TRANSECT XXX
N = NORTH BANK
S = SURFACE (0-6") SOIL SAMPLE
1 = SAMPLE No.1, COLLECTED 5.0' FROM WHERE THE STREAM MEETS THE BANK

SAMPLE DESIGNATION EXAMPLE No.2

YYYSD2 WHERE:
YYY = TRANSECT YYY
S = SOUTH BANK
D = DEPTH (18"-24" OR 0-6" INTERVAL ABOVE FIRST GROUNDWATER OR REFUSAL) SOIL SAMPLE
2 = SAMPLE No.2, COLLECTED 10.0' FROM WHERE THE STREAM MEETS THE BANK

SAMPLE DESIGNATION EXAMPLE No. 3

ZZZSED(S) WHERE:
ZZZ = TRANSECT ZZZ
SED = SEDIMENT SAMPLE
(S) = SURFACE (0-6") SAMPLE COLLECTED FROM THE STREAM BED; (D) = 18"-24" OR 0-6" ABOVE REFUSAL.

* All results expressed in mg/kg (ppm).

- DRAWING NOT TO SCALE -

FIGURE 9 - CORNELL-DUBILIER ELECTRONICS SOIL AND SEDIMENT SAMPLING LOCATIONS INDICATING TOTAL PCB CONCENTRATIONS. BOUND BROOK - REACH 7/TRANSECTS XXX - JJJJ

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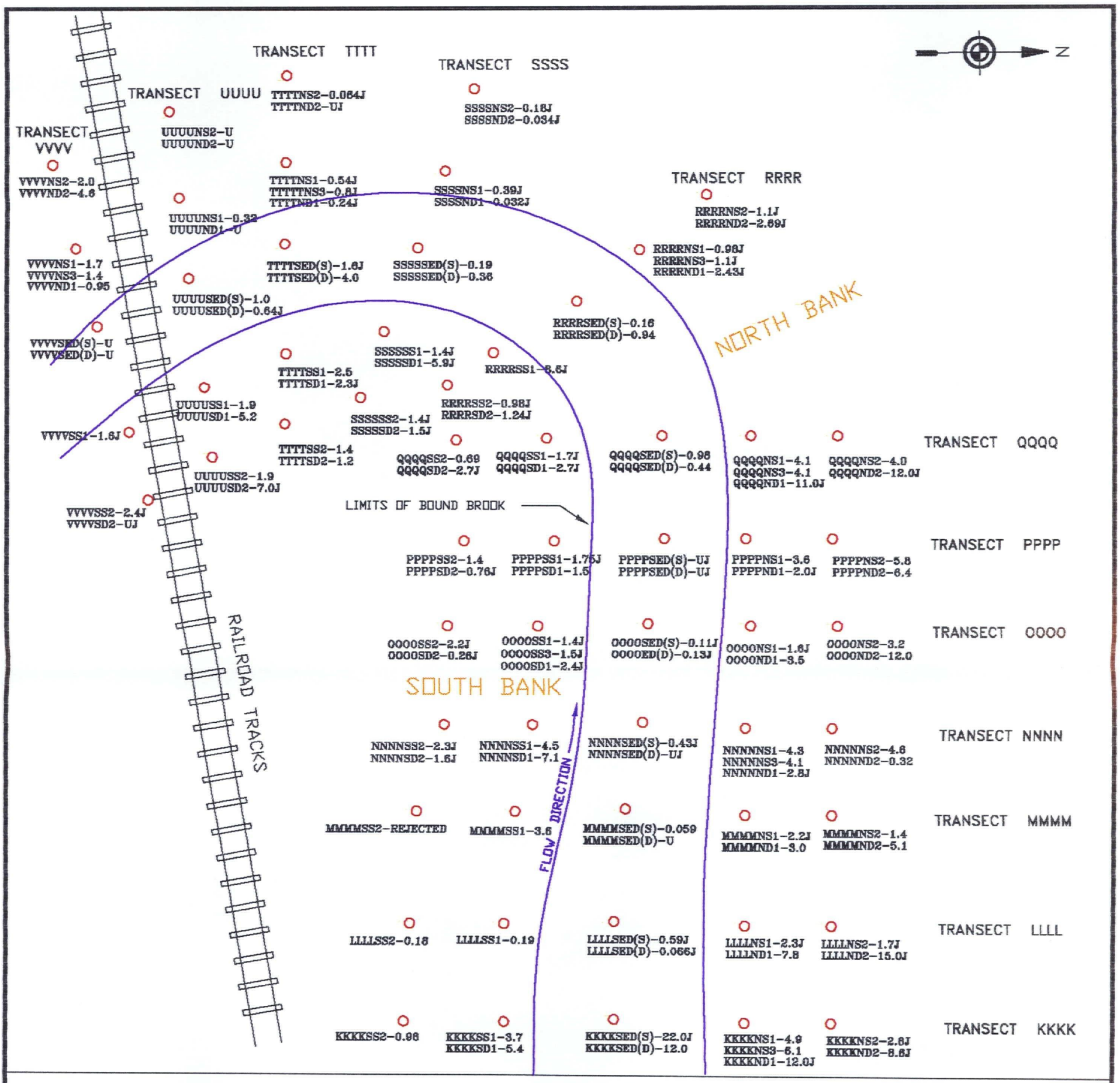

LEGEND:

TRANSECTS ARE SPACED ON 200 FEET CENTERS

U = NON DETECTED COMPOUND
J = ESTIMATED VALUE
N = PRESUMPTIVE EVIDENCE OF A COMPOUND
D = VALUE TAKEN FROM ANALYSIS WITH A HIGHER DILUTION FACTOR

SAMPLE DESIGNATION EXAMPLE No. 1

KKKKNS1 WHERE:
KKKK = TRANSECT KKKK
N = NORTH BANK
S = SURFACE (0–6") SOIL SAMPLE
1 = SAMPLE No.1, COLLECTED 5.0' FROM WHERE THE STREAM MEETS THE BANK

SAMPLE DESIGNATION EXAMPLE No.2

LLLLSD2 WHERE:
LLLL = TRANSECT LLLL
S = SOUTH BANK
D = DEPTH (18"–24" OR 0–6" INTERVAL ABOVE FIRST GROUNDWATER OR REFUSAL) SOIL SAMPLE
2 = SAMPLE No.2, COLLECTED 10.0' FROM WHERE THE STREAM MEETS THE BANK

SAMPLE DESIGNATION EXAMPLE No. 3

MMMMSED(S) WHERE:
MMMM = TRANSECT MMMM
SED = SEDIMENT SAMPLE
(S) = SURFACE (0–6") SAMPLE COLLECTED FROM THE STREAM BED; (D) = 18"–24" OR 0–6" ABOVE REFUSAL.

* All results expressed in mg/kg (ppm).

– DRAWING NOT TO SCALE –

FIGURE 10 – CORNELL–DUBILIER ELECTRONICS SOIL AND SEDIMENT SAMPLING LOCATIONS INDICATING TOTAL PCB CONCENTRATIONS. BOUND BROOK – REACH 6/TRANSECTS KKKK – VVVV

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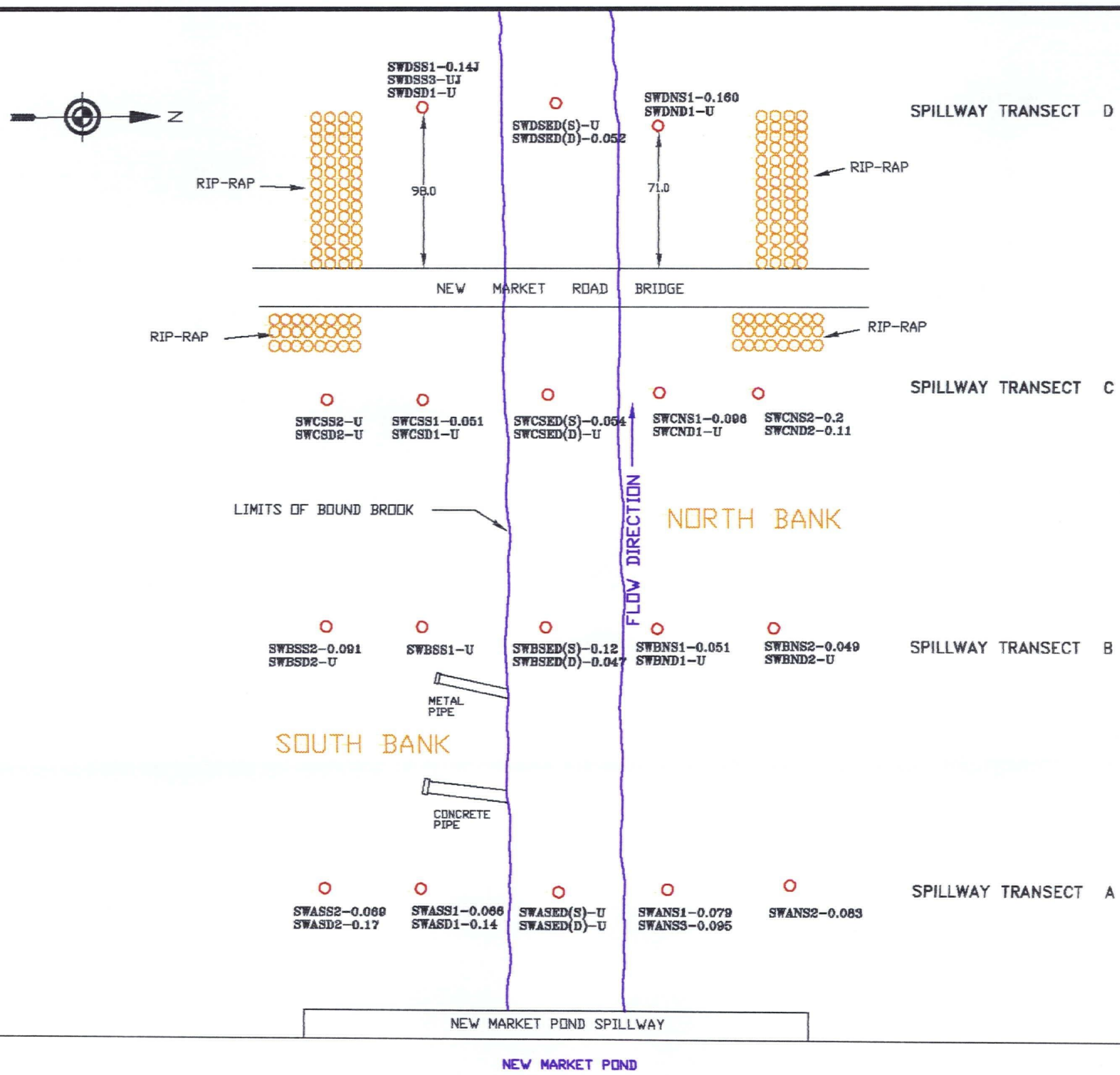

LEGEND:

U = NON DETECTED COMPOUND
J = ESTIMATED VALUE
N = PRESUMPTIVE EVIDENCE OF A COMPOUND
D = VALUE TAKEN FROM ANALYSIS WITH A HIGHER DILUTION FACTOR

SPILLWAY TRANSECTS A – C ARE SPACED ON 50 FEET CENTERS

SAMPLE DESIGNATION EXAMPLE No. 1

SWANS1 WHERE:
SWA = SPILLWAY TRANSECT A
N = NORTH BANK
S = SURFACE (0–6") SOIL SAMPLE
1 = SAMPLE No.1, COLLECTED 5.0' FROM WHERE THE STREAM MEETS THE BANK

SAMPLE DESIGNATION EXAMPLE No.2

SWBSD2 WHERE:
SWB = SPILLWAY TRANSECT B
S = SOUTH BANK
D = DEPTH (18"–24" OR 0–6" INTERVAL ABOVE FIRST GROUNDWATER OR REFUSAL) SOIL SAMPLE
2 = SAMPLE No.2, COLLECTED 10.0' FROM WHERE THE STREAM MEETS THE BANK

SAMPLE DESIGNATION EXAMPLE No. 3

SWCSED(S) WHERE:
SWC = SPILLWAY TRANSECT C
SED = SEDIMENT SAMPLE
(S) = SURFACE (0–6") SAMPLE COLLECTED FROM THE STREAM BED; (D) = 18"–24" OR 0–6" ABOVE REFUSAL.

* All results expressed in mg/kg (ppm).

– DRAWING NOT TO SCALE –

FIGURE 11 – CORNELL–DUBILIER ELECTRONICS SOIL AND SEDIMENT SAMPLING LOCATIONS INDICATING TOTAL PCB CONCENTRATIONS. BOUND BROOK – REACH 9/SPILLWAY TRANSECTS A–D

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TABLE 1

CORNELL-DUBLIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

AUGUST 14, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
SWANS1	Soil	0-6"	08/14/97 1110 hrs	Total PCB/ 0.079	Spillway/ Transect A
SWANS1 MS/MSD	"	"	08/14/97 1110 hrs	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
SWANS2	"	"	08/14/97 1105 hrs	Total PCB/ 0.083	Spillway/ Transect A
SWANS3	"	"	08/14/97 1120 hrs	Total PCB/ 0.095	Dupl. of SWANS1
SWASED(S)	Sediment	0-6"	08/14/97 1300 hrs	Total PCB/ U	Spillway/ Transect A
SWASED(D)	"	18-24"	08/14/97 1310 hrs	Total PCB/ U	Spillway/ Transect A
SWASS1	Soil	0-6"	08/14/97 1105 hrs	Total PCB/ 0.066	Spillway/ Transect A
SWASS2	"	"	08/14/97 1105 hrs	Total PCB/ 0.069	Spillway/ Transect A
SWASD1	"	18-24"	08/14/97 1110 hrs	Total PCB/ 0.14	Spillway/ Transect A
SWASD2	"	"	08/14/97 1110 hrs	Total PCB/ 0.17	Spillway/ Transect A
SWBNS1	"	0-6"	08/14/97 1115 hrs	Total PCB/ 0.051	Spillway/ Transect B
SWBNS2	"	"	08/14/97 1120 hrs	Total PCB/ 0.049	Spillway/ Transect B

TABLE 1

CORNELL-DUBLIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

AUGUST 14, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
SWBND1	"	18-24"	08/14/97 1205 hrs	Total PCB/ U	Spillway/ Transect B
SWBND2	"	"	08/14/97 1205 hrs	Total PCB/ U	Spillway/ Transect B
SWBSED(S)	Sediment	0-6"	08/14/97 1235 hrs	Total PCB/ 0.12	Spillway/ Transect B
SWBSED(D)	"	18-24"	08/14/97 1235 hrs	Total PCB/ 0.047	Spillway/ Transect B
SWBSS1	Soil	0-6"	08/14/97 1040 hrs	Total PCB/ U	Spillway/ Transect B
SWBSS2	"	"	08/14/97 1040 hrs	Total PCB/ 0.091	Spillway/ Transect B
SWBSD2	"	18-24"	08/14/97 1120 hrs	Total PCB/ U	Spillway/ Transect B
SWCNS1	"	0-6"	08/14/97 1145 hrs	Total PCB/ 0.096	Spillway/ Transect C
SWCNS2	"	"	08/14/97 1145 hrs	Total PCB/ 0.2	Spillway/ Transect C
SWCND1	"	18-24"	08/14/97 1215 hrs	Total PCB/ U	Spillway/ Transect C
SWCND2	"	"	08/14/97 1230 hrs	Total PCB/ 0.11	Spillway/ Transect C
SWCSED(S)	Sediment	0-6"	08/14/97 1215 hrs	Total PCB/ 0.054	Spillway/ Transect C

TABLE 1

CORNELL-DUBLIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

AUGUST 14, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
SWCSED(D)	Sediment	18-24"	08/14/97 1225 hrs	Total PCB/ U	Spillway/ Transect C
SWCSS1	Soil	0-6"	08/14/97 1050 hrs	Total PCB/ 0.051	Spillway/ Transect C
SWCSS2	"	"	08/14/97 1050 hrs	Total PCB/ U	Spillway/ Transect C
SWCSD1	"	18-24"	08/14/97 1125 hrs	Total PCB/ U	Spillway/ Transect C
SWCSD2	"	"	08/14/97 1145 hrs	Total PCB/ U	Spillway/ Transect C
SWDNS1	"	0-6"	08/14/97 1115 hrs	Total PCB/ 0.16	Spillway/ Transect D
SWDND1	"	18-24"	08/14/97 1120 hrs	Total PCB/ U	Spillway/ Transect D
SWDSED(S)	Sediment	0-6"	08/14/97 1105 hrs	Total PCB/ U	Spillway/ Transect D
SWDSED(D)	"	6-12"	08/14/97 1110 hrs	Total PCB/ 0.052	Spillway/ Transect D
SWDSS1	Soil	0-6"	08/14/97 1045 hrs	Total PCB/ 0.14 J	Spillway/ Transect D
SWDSS1 MS/MSD	"	"	08/14/97 1045 hrs	Total PCB/ N/A	Matrix spike/Matrix spike dupl.
SWDSS3	"	"	08/14/97 1055 hrs	Total PCB/ U J	Dupl. of SWDSS1

TABLE 1

CORNELL-DUBLIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

AUGUST 14, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
SWDSD1	"	6-12"	08/14/97 1045 hrs	Total PCB/ U	Spillway/ Transect D

Notes:

1. Samples SWAND1 and SWAND2 not collected. First groundwater encountered at 6" below ground surface.

2. Sample SWBSD1 not collected. First groundwater encountered at 6" below ground surface.

3. Samples SWDNS2, SWDND2, SWDSS2 and SWDSD2 not collected. Riprap and pavement encountered at proposed sample boring locations.

4. Data Qualifiers

   U - non-detected compound
   J - estimated value
   N - presumptive evidence of a compound
   D - value taken from analysis with a higher dilution factor

TABLE 2

CORNELL-DUBLIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

AUGUST 15, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
ASED(S)	Sediment	0-6"	08/15/97 1415 hrs	Total PCB/ U	Bound Brook/ Transect A
ASED(D)	"	18-24"	08/15/97 1420 hrs	Total PCB/ U	Bound Brook/ Transect A
BSED(S)	"	0-6"	08/15/97 1405 hrs	Total PCB/ 0.32	Bound Brook/ Transect B
BSED(D)	"	18-24"	08/15/97 1410 hrs	Total PCB/ U	Bound Brook/ Transect B
CSED(S)	"	0-6"	08/15/97 1405 hrs	Total PCB/ U	Bound Brook/ Transect C
CSED(S) MS/MSD	"	"	08/15/97 1405 hrs	Total PCB/ N/A	Matrix spike/Matrix spike dupl.
CSED(D)	"	18-24"	08/15/97 1405 hrs	Total PCB/ U	Bound Brook/ Transect C
CSED(S-3)	"	0-6"	08/15/97 1405 hrs	Total PCB/ U	Dupl. of CSED(S)
DSED(S)	"	0-6"	08/15/97 1335 hrs	Total PCB/ U	Bound Brook/ Transect D
DSED(D)	"	18-24"	08/15/97 1400 hrs	Total PCB/ U	Bound Brook/ Transect D
ESED(S)	"	0-6"	08/15/97 1350 hrs	Total PCB/ U	Bound Brook/ Transect E
ESED(D)	"	18-24"	08/15/97 1400 hrs	Total PCB/ U	Bound Brook/ Transect E

TABLE 2

CORNELL-DUBLIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

AUGUST 15, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
FSED(S)	Sediment	0-6"	08/15/97 1345 hrs	Total PCB/ U	Bound Brook/ Transect F
FSED(D)	"	18-24"	08/15/97 1350 hrs	Total PCB/ U	Bound Brook/ Transect F
GSED(S)	"	0-6"	08/15/97 1330 hrs	Total PCB/ U	Bound Brook/ Transect G
GSED(D)	"	12-18"	08/15/97 1345 hrs	Total PCB/ U	Bound Brook/ Transect G
HSED(S)	"	0-6"	08/15/97 1330 hrs	Total PCB/ U	Bound Brook/ Transect H
HSED(D)	"	18-24"	08/15/97 1335 hrs	Total PCB/ U	Bound Brook/ Transect H
INS1	Soil	0-6"	08/15/97 1140 hrs	Total PCB/ U	Bound Brook/ Transect I
INS2	"	0-6"	08/15/97 1135 hrs	Total PCB/ 0.14	Bound Brook/ Transect I
IND1	"	18-24"	08/15/97 1145 hrs	Total PCB/ U	Bound Brook/ Transect I
IND2	"	18-24"	08/15/97 1135 hrs	Total PCB/ 0.11	Bound Brook/ Transect I
ISED(S)	Sediment	0-6"	08/15/97 1135 hrs	Total PCB/ U	Bound Brook/ Transect I
ISED(D)	"	18-24"	08/15/97 1140 hrs	Total PCB/ U	Bound Brook/ Transect I

TABLE 2

CORNELL-DUBLIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

AUGUST 15, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
ISS1	Soil	0-6"	08/15/97 1130 hrs	Total PCB/ U J	Bound Brook/ Transect I
ISS2	"	"	08/15/97 1240 hrs	Total PCB/ U J	Bound Brook/ Transect I
ISD1	"	18-24"	08/15/97 1135 hrs	Total PCB/ U J	Bound Brook/ Transect I
ISD2	"	"	08/15/97 1245 hrs	Total PCB/ U	Bound Brook/ Transect I
JNS1	"	0-6"	08/15/97 1320 hrs	Total PCB/ U J	Bound Brook/ Transect J
JNS1 MS/MSD	"	"	08/15/97 1320 hrs	Total PCB/ N/A	Matrix spike/Matrix spike dupl.
JNS2	"	"	08/15/97 1320 hrs	Total PCB/ 0.13	Bound Brook/ Transect J
JNS3	"	"	08/15/97 1320 hrs	Total PCB/ U J	Dupl. of JNS1
JND1	"	6-12"	08/15/97 1330 hrs	Total PCB/ U J	Bound Brook/ Transect J
JND2	"	18-24"	08/15/97 1320 hrs	Total PCB/ U J	Bound Brook/ Transect J
JSED(S)	Sediment	0-6"	08/15/97 1010 hrs	Total PCB/ U	Bound Brook/ Transect J
JSED(D)	"	12-18"	08/15/97 1020 hrs	Total PCB/ U	Bound Brook/ Transect J

TABLE 2

CORNELL-DUBLIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

AUGUST 15, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
JSS1	Soil	0-6"	08/15/97 1030 hrs	Total PCB/ U J	Bound Brook/ Transect J
JSS2	"	"	08/15/97 1030 hrs	Total PCB/ U J	Bound Brook/ Transect J
JSD1	"	6-12"	08/15/97 1030 hrs	Total PCB/ U J	Bound Brook/ Transect J
JSD2	"	"	08/15/97 1030 hrs	Total PCB/ U J	Bound Brook/ Transect J
KNS1	"	0-6"	08/15/97 1110 hrs	Total PCB/ U J	Bound Brook/ Transect K
KNS2	"	"	08/15/97 1115 hrs	Total PCB/ 0.082	Bound Brook/ Transect K
KND1	"	6-12"	08/15/97 1110 hrs	Total PCB/ U	Bound Brook/ Transect K
KND2	"	18-24"	08/15/97 1120 hrs	Total PCB/ 0.28	Bound Brook/ Transect K
KSED(S)	Sediment	0-6"	08/15/97 1035 hrs	Total PCB/ U	Bound Brook/ Transect K
KSS1	Soil	0-6"	08/15/97 1100 hrs	Total PCB/ U J	Bound Brook/ Transect K
KSS2	"	"	08/15/97 1105 hrs	Total PCB/ U J	Bound Brook/ Transect K
KSD1	"	18-24"	08/15/97 1100 hrs	Total PCB/ U J	Bound Brook/ Transect K

TABLE 2

CORNELL-DUBLIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

AUGUST 15, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
KSD2	Soil	18-24"	08/15/97 1105 hrs	Total PCB/ U J	Bound Brook/ Transect K
LNS1	"	0-6"	08/15/97 1110 hrs	Total PCB/ 0.063	Bound Brook/ Transect L
LNS2	"	0-6"	08/15/97 1100 hrs	Total PCB/ U J	Bound Brook/ Transect L
LND1	"	6-12"	08/15/97 1105 hrs	Total PCB/ U J	Bound Brook/ Transect L
LSED(S)	Sediment	0-6"	08/15/97 1315 hrs	Total PCB/ U	Bound Brook/ Transect L
LSED(D)	"	6-12"	08/15/97 1330 hrs	Total PCB/ U	Bound Brook/ Transect L
LSS1	Soil	0-6"	08/15/97 1120 hrs	Total PCB/ 3.5	Bound Brook/ Transect L
LSS2	"	"	08/15/97 1120 hrs	Total PCB/ 0.55 J	Bound Brook/ Transect L
LSD1	"	18-24"	08/15/97 1120 hrs	Total PCB/ 0.17 J	Bound Brook/ Transect L
LSD2	"	"	08/15/97 1120 hrs	Total PCB/ 1.2 J	Bound Brook/ Transect L
MNS1	"	0-6"	08/15/97 0955 hrs	Total PCB/ 0.17	Bound Brook/ Transect M
MNS2	"	"	08/15/97 0950 hrs	Total PCB/ 6.7	Bound Brook/ Transect M

TABLE 2

CORNELL-DUBLIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

AUGUST 15, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
MND1	Soil	18-24"	08/15/97 0905 hrs	Total PCB/ 0.22	Bound Brook/ Transect M
MND2	"	"	08/15/97 1000 hrs	Total PCB/ 2.8	Bound Brook/ Transect M
MSED(S)	Sediment	0-6"	08/15/97 1015 hrs	Total PCB/ 0.25	Bound Brook/ Transect M
MSED(D)	"	18-24"	08/15/97 1030 hrs	Total PCB/ 0.17	Bound Brook/ Transect M
MSS1	Soil	0-6"	08/15/97 0955 hrs	Total PCB/ 28.0	Bound Brook/ Transect M
MSS1 MS/MSD	"	"	08/15/97 0955 hrs	Total PCB/ N/A	Bound Brook/ Transect M
MSS2	"	"	08/15/97 1000 hrs	Total PCB/ 85.0	Bound Brook/ Transect M
MSS3	"	"	08/15/97 0955 hrs	Total PCB/ 18.0	Dupl. of MSS1
MSD1	"	18-24"	08/15/97 1005 hrs	Total PCB/ 0.067	Bound Brook/ Transect M
MSD2	"	"	08/15/97 1025 hrs	Total PCB/ 30.0	Bound Brook/ Transect M

Notes:

1. Samples KSED(D) not collected. Shale encountered at 6" below ground surface.

2. Sample LND2 not collected. First groundwater encountered at 6" below ground surface.

3. Data Qualifiers

U - non-detected compound
J - estimated value
N - presumptive evidence of a compound
D - value taken from analysis with a higher dilution factor

TABLE 3

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

AUGUST 27, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
NSED(S)	Sediment	0-6"	08/27/97 1505 hrs	Total PCB/ 0.84	Bound Brook/ Transect N
NSED(D)	"	12-18"	08/27/97 1515 hrs	Total PCB/ 0.77	Bound Brook/ Transect N
OSED(S)1	"	0-6"	08/27/97 1510 hrs	Total PCB/ U	Bound Brook/ Transect O
OSED(D)1	"	18-24"	08/27/97 1500 hrs	Total PCB/ 0.59	Bound Brook/ Transect O
OSED(S)2	"	0-6"	08/27/97 1510 hrs	Total PCB/ 0.3	Bound Brook/ Transect O
OSED(D)2	"	18-24"	08/27/97 1500 hrs	Total PCB/ 8.3	Bound Brook/ Transect O
PSED(S)	"	0-6"	08/27/97 1500 hrs	Total PCB/ 22.0	Bound Brook/ Transect P
QSED(S)	"	0-6"	08/27/97 1445 hrs	Total PCB/ 0.61	Bound Brook/ Transect Q
RSED(S)	"	0-6"	08/27/97 1435 hrs	Total PCB/ 1.4	Bound Brook/ Transect R
SSED(S)	"	0-6"	08/27/97 1435 hrs	Total PCB/ 7.2	Bound Brook/ Transect S
SSED(D)	"	12-18"	08/27/97 1440 hrs	Total PCB/ 2.0	Bound Brook/ Transect S
TSED(S)	"	0-6"	08/27/97 1450 hrs	Total PCB/ 15.0	Bound Brook/ Transect T

TABLE 3

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

AUGUST 27, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
USED(S)	Sediment	0-6"	08/27/97 1420 hrs	Total PCB/ U	Bound Brook/ Transect U
VSED(S)	"	0-6"	08/27/97 1410 hrs	Total PCB/ 0.065	Bound Brook/ Transect V
WSED(S)	"	0-6"	08/27/97 1410 hrs	Total PCB/ 0.14	Bound Brook/ Transect W
WSED(D)	"	6-12"	08/27/97 1415 hrs	Total PCB/ 0.2	Bound Brook/ Transect W
ANS1	Soil	0-6"	08/27/97 1215 hrs	Total PCB/ U J	Bound Brook/ Transect A
ANS2	"	0-6"	08/27/97 1215 hrs	Total PCB/ U	Bound Brook/ Transect A
AND2	"	18-24"	08/27/97 1220 hrs	Total PCB/ U	Bound Brook/ Transect A
ASS1	"	0-6"	08/27/97 1150 hrs	Total PCB/ U	Bound Brook/ Transect A
ASS2	"	0-6"	08/27/97 1200 hrs	Total PCB/ U	Bound Brook/ Transect A
ASD1	"	18-24"	08/27/97 1155 hrs	Total PCB/ U	Bound Brook/ Transect A
ASD2	"	18-24"	08/27/97 1205 hrs	Total PCB/ U	Bound Brook/ Transect A
BNS1	"	0-6"	08/27/97 1215 hrs	Total PCB/ U	Bound Brook/ Transect B

TABLE 3

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

AUGUST 27, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
BNS1 MS/MSD	Soil	0-6"	08/27/97 1215 hrs	Total PCB/ N/A	Matrix spike/Matrix spike dupl.
BNS2	"	0-6	08/27/97 1210 hrs	Total PCB/ U J	Bound Brook/ Transect B
BNS3	"	0-6"	08/27/97 1215 hrs	Total PCB/ U	Dupl. of BNS1
BND2	"	6-12"	08/27/97 1210 hrs	Total PCB/ U J	Bound Brook/ Transect B
BSS1	"	0-6"	08/27/97 1130 hrs	Total PCB/ U	Bound Brook/ Transect B
BSS2	"	0-6"	08/27/97 1130 hrs	Total PCB/ U	Bound Brook/ Transect B
BSD1	"	18-24"	08/27/97 1135 hrs	Total PCB/ U	Bound Brook/ Transect B
BSD2	"	18-24"	08/27/97 1135 hrs	Total PCB/ U	Bound Brook/ Transect B
CNS1	"	0-6"	08/27/97 1200 hrs	Total PCB/ U	Bound Brook/ Transect C
CNS2	"	0-6"	08/27/97 1155 hrs	Total PCB/ U	Bound Brook/ Transect C
CND1	"	6-12"	08/27/97 1205 hrs	Total PCB/ U J	Bound Brook/ Transect C
CND2	"	12-18"	08/27/97 1200 hrs	Total PCB/ U	Bound Brook/ Transect C

TABLE 3

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

AUGUST 27, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
CSS1	Soil	0-6"	08/27/97 1115 hrs	Total PCB/ U	Bound Brook/ Transect C
CSS2	"	0-6"	08/27/97 1115 hrs	Total PCB/ U	Bound Brook/ Transect C
CSD1	"	18-24"	08/27/97 1120 hrs	Total PCB/ U	Bound Brook/ Transect C
CSD2	"	"	08/27/97 1120 hrs	Total PCB/ U	Bound Brook/ Transect C
DNS1	"	0-6"	08/27/97 1140 hrs	Total PCB/ U	Bound Brook/ Transect D
DNS1 MS/MSD	"	0-6"	08/27/97 1120 hrs	Total PCB/ N/A	Matrix spike/Matrix spike dupl.
DNS2	"	0-6"	08/27/97 1140 hrs	Total PCB/ U	Bound Brook/ Transect D
DNS3	"	0-6"	08/27/97 1140 hrs	Total PCB/ U	Dupl. of DNS1
DND1	"	18-24"	08/27/97 1150 hrs	Total PCB/ U	Bound Brook/ Transect D
DND2	"	18-24"	08/27/97 1145 hrs	Total PCB/ U	Bound Brook/ Transect D
DSS1	"	0-6"	08/27/97 1055 hrs	Total PCB/ U	Bound Brook/ Transect D
DSS2	"	0-6"	08/27/97 1055 hrs	Total PCB/ U	Bound Brook/ Transect D

TABLE 3

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

AUGUST 27, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
DSD1	Soil	18-24"	08/27/97 1058 hrs	Total PCB/ U	Bound Brook/ Transect D
DSD2	"	18-24"	08/27/97 1100 hrs	Total PCB/ U	Bound Brook/ Transect D
ENS1	"	0-6"	08/27/97 1120 hrs	Total PCB/ U	Bound Brook/ Transect E
ENS2	"	0-6"	08/27/97 1120 hrs	Total PCB/ U	Bound Brook/ Transect E
END1	"	18-24"	08/27/97 1125 hrs	Total PCB/ U	Bound Brook/ Transect E
END2	"	18-24"	08/27/97 1125 hrs	Total PCB/ U	Bound Brook/ Transect E
ESS1	"	0-6"	08/27/97 1042 hrs	Total PCB/ U	Bound Brook/ Transect E
ESS2	"	0-6"	08/27/97 1040 hrs	Total PCB/ U	Bound Brook/ Transect E
ESD1	"	18-24"	08/27/97 1044 hrs	Total PCB/ U	Bound Brook/ Transect E
ESD2	"	18-24"	08/27/97 1042 hrs	Total PCB/ U	Bound Brook/ Transect E
FNS1	"	0-6"	08/27/97 1055 hrs	Total PCB/ U	Bound Brook/ Transect F
FNS1 MS/MSD	"	"	08/27/97 1055 hrs	Total PCB/ N/A	Matrix spike/Matrix spike dupl.

TABLE 3

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

AUGUST 27, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
FNS2	Soil	0-6"	08/27/97 1050 hrs	Total PCB/ U	Bound Brook/ Transect F
FNS3	"	0-6"	08/27/97 1055 hrs	Total PCB/ U	Dupl. of FNS1
FND1	"	12-18"	08/27/97 1105 hrs	Total PCB/ U	Bound Brook/ Transect F
FND2	"	12-18"	08/27/97 1100 hrs	Total PCB/ U	Bound Brook/ Transect F
FSS1	"	0-6"	08/27/97 1028 hrs	Total PCB/ U	Bound Brook/ Transect F
FSS2	"	0-6"	08/27/97 1030 hrs	Total PCB/ U J	Bound Brook/ Transect F
FSD1	"	18-24"	08/27/97 1026 hrs	Total PCB/ U J	Bound Brook/ Transect F
FSD2	"	18-24"	08/27/97 1035 hrs	Total PCB/ U	Bound Brook/ Transect F
GNS1	"	0-6"	08/27/97 1035 hrs	Total PCB/ U	Bound Brook/ Transect G
GNS2	"	0-6"	08/27/97 1035 hrs	Total PCB/ U	Bound Brook/ Transect G
GND1	"	18-24"	08/27/97 1040 hrs	Total PCB/ U	Bound Brook/ Transect G
GND2	"	18-24"	08/27/97 1040 hrs	Total PCB/ U	Bound Brook/ Transect G

TABLE 3

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

AUGUST 27, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
GSS1	Soil	0-6"	08/27/97 1014 hrs	Total PCB/ U J	Bound Brook/ Transect G
GSS2	"	0-6"	08/27/97 1015 hrs	Total PCB/ U	Bound Brook/ Transect G
GSD1	"	6-12"	08/27/97 1017 hrs	Total PCB/ U J	Bound Brook/ Transect G
GSD2	"	18-24"	08/27/97 1020 hrs	Total PCB/ U	Bound Brook/ Transect G
HNS1	"	0-6"	08/27/97 1010 hrs	Total PCB/ U	Bound Brook/ Transect H
HNS1 MS/MSD	"	0-6"	08/27/97 1010 hrs	Total PCB/ N/A	Matrix spike/Matrix spike dupl.
HNS2	"	0-6"	08/27/97 1010 hrs	Total PCB/ U	Bound Brook/ Transect H
HNS3	"	0-6"	08/27/97 1010 hrs	Total PCB/ U	Dupl. of HNS1
HND1	"	18-24"	08/27/97 1020 hrs	Total PCB/ U	Bound Brook/ Transect H
HND2	"	18-24"	08/27/97 1015 hrs	Total PCB/ U	Bound Brook/ Transect H
HSS1	"	0-6"	08/27/97 1005 hrs	Total PCB/ U J	Bound Brook/ Transect H
HSS2	"	0-6"	08/27/97 1002 hrs	Total PCB/ U J	Bound Brook/ Transect H

TABLE 3

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

AUGUST 27, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
HSD1	Soil	18-24"	08/27/97 1010 hrs	Total PCB/ U J	Bound Brook/ Transect H
HSD2	"	18-24"	08/27/97 1005 hrs	Total PCB/ U J	Bound Brook/ Transect H
RB-3	Aqueous	N/A	08/27/97 1600 hrs	Total PCB/ U	Rinsate Blank

Notes:

1. Samples AND1 and BND1 not collected. First groundwater encountered at 6" below ground surface.

2. Samples PSED(D), RSED(D), TSED(D), and VSED(D) not collected. Refusal/shale encountered at 6" below streambed.

3. Samples QSED(D) and USED(D) not collected. Refusal/shale encountered at 12" below streambed.

4. Data Qualifiers

   U - non-detected compound
   J - estimated value
   N - presumptive evidence of a compound
   D - value taken from analysis with a higher dilution factor

TABLE 4

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
DRD1	Soil	0-6"	09/03/97 1300 hrs	Total PCB/ 0.4	Bound Brook/ Drain. Ditch
DRD2	"	0-6"	09/03/97 1302 hrs	Total PCB/ 0.64	Bound Brook/ Drain. Ditch
DRD3	"	0-6"	09/03/97 1305 hrs	Total PCB/ U	Bound Brook/ Drain. Ditch
NNS1	"	0-6"	09/03/97 1430 hrs	Total PCB/ 5.5	Bound Brook/ Transect N
NNS2	"	0-6"	09/03/97 1430 hrs	Total PCB/ 5.3	Bound Brook/ Transect N
NND1	"	6-12"	09/03/97 1435 hrs	Total PCB/ 0.62	Bound Brook/ Transect N
NND2	"	12-18"	09/03/97 1435 hrs	Total PCB/ 5.5	Bound Brook/ Transect N
NSS1	"	0-6"	09/03/97 1415 hrs	Total PCB/ 6.0	Bound Brook/ Transect N
NSS2	"	0-6"	09/03/97 1415 hrs	Total PCB/ 17.0	Bound Brook/ Transect N
NSD2	"	18-24"	09/03/97 1410 hrs	Total PCB/ 2.6 J	Bound Brook/ Transect N
ONS1	"	0-6"	09/03/97 1420 hrs	Total PCB/ 0.26	Bound Brook/ Transect O
ONS1 MS/MSD	"	0-6"	09/03/97 1420 hrs	Total PCB/ N/A	Matrix spike/Matrix spike dupl.

TABLE 4

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
ONS2	Soil	0-6"	09/03/97 1420 hrs	Total PCB/ 0.44	Bound Brook/ Transect O
ONS3	"	0-6"	09/03/97 1420 hrs	Total PCB/ 0.14	Dupl. of ONS1
OND1	"	18-24"	09/03/97 1425 hrs	Total PCB/ 0.19	Bound Brook/ Transect O
OND2	"	18-24"	09/03/97 1425 hrs	Total PCB/ 0.18 J	Bound Brook/ Transect O
OCS	"	0-6"	09/03/97 1410 hrs	Total PCB/ 0.18 J	Bound Brook/ Transect O
OSS1	"	0-6"	09/03/97 1405 hrs	Total PCB/ 16.0	Bound Brook/ Transect O
OSS2	"	0-6"	09/03/97 1400 hrs	Total PCB/ 6.5	Bound Brook/ Transect O
OSD1	"	18-24"	09/03/97 1410 hrs	Total PCB/ 1.8	Bound Brook/ Transect O
OSD2	"	18-24"	09/03/97 1400 hrs	Total PCB/ 13.0	Bound Brook/ Transect O
PNS1	"	0-6"	09/03/97 1400 hrs	Total PCB/ 0.2	Bound Brook/ Transect P
PNS2	"	0-6"	09/03/97 1400 hrs	Total PCB/ 0.34	Bound Brook/ Transect P
PND1	"	18-24"	09/03/97 1405 hrs	Total PCB/ U J	Bound Brook/ Transect P

TABLE 4

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
PND2	Soil	18-24"	09/03/97 1405 hrs	Total PCB/ 0.087 J	Bound Brook/ Transect P
PSS1	"	0-6"	09/03/97 1350 hrs	Total PCB/ 3.6	Bound Brook/ Transect P
PSS2	"	0-6"	09/03/97 1345 hrs	Total PCB/ 1.1	Bound Brook/ Transect P
PSD1	"	18-24"	09/03/97 1355 hrs	Total PCB/ 13.0	Bound Brook/ Transect P
PSD2	"	18-24"	09/03/97 1350 hrs	Total PCB/ 1.3	Bound Brook/ Transect P
QNS1	"	0-6"	09/03/97 1345 hrs	Total PCB/ 0.31	Bound Brook/ Transect Q
QNS1 MS/MSD	"	0-6"	09/03/97 1345 hrs	Total PCB/ N/A	Matrix spike/Matrix spike dupl.
QNS2	"	0-6"	09/03/97 1345 hrs	Total PCB/ 1.0	Bound Brook/ Transect Q
QNS3	"	0-6"	09/03/97 1345 hrs	Total PCB/ 0.22	Dupl. of QNS1
QND1	"	18-24"	09/03/97 1350 hrs	Total PCB/ 0.53	Bound Brook/ Transect Q
QND2	"	18-24"	09/03/97 1350 hrs	Total PCB/ 0.54	Bound Brook/ Transect Q
QSS1	"	0-6"	09/03/97 1340 hrs	Total PCB/ 0.9	Bound Brook/ Transect Q

TABLE 4

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
QSS2	Soil	0-6"	09/03/97 1330 hrs	Total PCB/ 2.3	Bound Brook/ Transect Q
QSD2	"	18-24"	09/03/97 1336 hrs	Total PCB/ 3.9	Bound Brook/ Transect Q
RNS1	"	0-6"	09/03/97 1330 hrs	Total PCB/ 0.11	Bound Brook/ Transect R
RNS2	"	0-6"	09/03/97 1330 hrs	Total PCB/ 2.9	Bound Brook/ Transect R
RND1	"	18-24"	09/03/97 1335 hrs	Total PCB/ 0.28	Bound Brook/ Transect R
RND2	"	18-24"	09/03/97 1330 hrs	Total PCB/ 0.14	Bound Brook/ Transect R
RSS1	"	0-6"	09/03/97 1315 hrs	Total PCB/ 0.34	Bound Brook/ Transect R
RSS2	"	0-6"	09/03/97 1315 hrs	Total PCB/ 0.44 J	Bound Brook/ Transect R
RSD1	"	6-12"	09/03/97 1335 hrs	Total PCB/ 1.2 J	Bound Brook/ Transect R
RSD2	"	18-24"	09/03/97 1320 hrs	Total PCB/ 0.34 J	Bound Brook/ Transect R
SNS1	"	0-6"	09/03/97 1300 hrs	Total PCB/ 0.45	Bound Brook/ Transect S
SNS1 MS/MSD	"	0-6"	09/03/97 1300 hrs	Total PCB/ N/A	Matrix spike/Matrix spike dupl.

TABLE 4

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
SNS2	Soil	0-6"	09/03/97 1305 hrs	Total PCB/ 0.65	Bound Brook/ Transect S
SNS3	"	0-6"	09/03/97 1300 hrs	Total PCB/ 0.47	Dupl. of SNS1
SND1	"	18-24"	09/03/97 1315 hrs	Total PCB/ 0.32	Bound Brook/ Transect S
SND2	"	18-24"	09/03/97 1315 hrs	Total PCB/ 0.58	Bound Brook/ Transect S
SSS1	"	0-6"	09/03/97 1313 hrs	Total PCB/ 0.72	Bound Brook/ Transect S
SSS2	"	0-6"	09/03/97 1300 hrs	Total PCB/ 0.42	Bound Brook/ Transect S
SSD1	"	12-18"	09/03/97 1315 hrs	Total PCB/ 0.32 J	Bound Brook/ Transect S
SSD2	"	12-18"	09/03/97 1305 hrs	Total PCB/ 0.42 J	Bound Brook/ Transect S
TNS1	"	0-6"	09/03/97 1245 hrs	Total PCB/ 1.9	Bound Brook/ Transect T
TNS2	"	0-6"	09/03/97 1240 hrs	Total PCB/ 2.1	Bound Brook/ Transect T
TND1	"	18-24"	09/03/97 1252 hrs	Total PCB/ 2.1	Bound Brook/ Transect T
TND2	"	12-18"	09/03/97 1250 hrs	Total PCB/ 0.37	Bound Brook/ Transect T

TABLE 4

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
TSS1	Soil	0-6"	09/03/97 1242 hrs	Total PCB/ 2.1	Bound Brook/ Transect T
TSS2	"	0-6"	09/03/97 1235 hrs	Total PCB/ 2.7	Bound Brook/ Transect T
TSD1	"	18-24"	09/03/97 1247 hrs	Total PCB/ 0.93 J	Bound Brook/ Transect T
TSD2	"	18-24"	09/03/97 1240 hrs	Total PCB/ 27.0 J	Bound Brook/ Transect T
UNS1	"	0-6"	09/03/97 1230 hrs	Total PCB/ 3.7	Bound Brook/ Transect U
UNS1 MS/MSD	"	0-6"	09/03/97 1230 hrs	Total PCB/ N/A	Matrix spike/Matrix spike dupl.
UNS2	"	0-6"	09/03/97 1225 hrs	Total PCB/ 4.6	Bound Brook/ Transect U
UNS3	"	0-6"	09/03/97 1230 hrs	Total PCB/ 3.6	Dupl. of UNS1
UND1	"	18-24"	09/03/97 1240 hrs	Total PCB/ 4.5	Bound Brook/ Transect U
UND2	"	12-18"	09/03/97 1235 hrs	Total PCB/ 4.5	Bound Brook/ Transect U
USS1	"	0-6"	09/03/97 1225 hrs	Total PCB/ 3.2	Bound Brook/ Transect U
USS2	"	0-6"	09/03/97 1229 hrs	Total PCB/ 3.1	Bound Brook/ Transect U

TABLE 4

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
USD1	Soil	18-24"	09/03/97 1230 hrs	Total PCB/ 0.26	Bound Brook/ Transect U
USD2	"	18-24"	09/03/97 1236 hrs	Total PCB/ 0.32	Bound Brook/ Transect U
VNS1	"	0-6"	09/03/97 1210 hrs	Total PCB/ 8.1	Bound Brook/ Transect V
VNS2	"	0-6"	09/03/97 1210 hrs	Total PCB/ 0.64	Bound Brook/ Transect V
VND1	"	18-24"	09/03/97 1220 hrs	Total PCB/ 0.47	Bound Brook/ Transect V
VND2	"	18-24"	09/03/97 1215 hrs	Total PCB/ 3.1	Bound Brook/ Transect V
VSS1	"	0-6"	09/03/97 1215 hrs	Total PCB/ 4.3	Bound Brook/ Transect V
VSS2	"	0-6"	09/03/97 1205 hrs	Total PCB/ 0.88	Bound Brook/ Transect V
VSD1	"	18-24"	09/03/97 1220 hrs	Total PCB/ 1.8	Bound Brook/ Transect V
VSD2	"	18-24"	09/03/97 1210 hrs	Total PCB/ 0.4	Bound Brook/ Transect V
WNS1	"	0-6"	09/03/97 1200 hrs	Total PCB/ 7.1	Bound Brook/ Transect W
WNS1 MS/MSD	"	0-6"	09/03/97 1200 hrs	Total PCB/ N/A	Matrix spike/Matrix spike dupl.

TABLE 4

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
WNS2	Soil	0-6"	09/03/97 1155 hrs	Total PCB/ 5.8	Bound Brook/ Transect W
WNS3	"	0-6"	09/03/97 1200 hrs	Total PCB/ 5.6	Dupl. of WNS1
WND1	"	6-12"	09/03/97 1205 hrs	Total PCB/ ND	Bound Brook/ Transect W
WND2	"	18-24"	09/03/97 1200 hrs	Total PCB/ 5.3	Bound Brook/ Transect W
WSS1	"	0-6"	09/03/97 1157 hrs	Total PCB/ 4.6	Bound Brook/ Transect W
WSS2	"	0-6"	09/03/97 1150 hrs	Total PCB/ 4.4	Bound Brook/ Transect W
WSD1	"	18-24"	09/03/97 1202 hrs	Total PCB/ 8.6	Bound Brook/ Transect W
WSD2	"	18-24"	09/03/97 1150 hrs	Total PCB/ 0.12	Bound Brook/ Transect W
RB-4	Aqueous	N/A	09/03/97 1520 hrs	Total PCB/ U	Rinsate Blank

Notes:

1. Samples NSD1 and QSD1 not collected. First groundwater encountered at 12" below ground surface.

2. Sample OCD not collected. First groundwater encountered at 6" below ground surface.

3. Data Qualifiers

U - non-detected compound
J - estimated value
N - presumptive evidence of a compound
D - value taken from analysis with a higher dilution factor

TABLE 5

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
AASED(S)	Sediment	0-6"	09/25/97 1141 hrs	Total PCB/ 0.38	Bound Brook/ Transect AA
BBSED(S)	"	0-6"	09/25/97 1130 hrs	Total PCB/ 21.0 J	Bound Brook/ Transect BB
BBSED(D)	"	12-18"	09/25/97 1145 hrs	Total PCB/ 3.2 J	Bound Brook/ Transect BB
CCSED(S)	"	0-6"	09/25/97 1120 hrs	Total PCB/ 2.8 J	Bound Brook/ Transect CC
DDSED(S)	"	0-6"	09/25/97 1125 hrs	Total PCB/ 0.56 J	Bound Brook/ Transect DD
EESED(S)	"	0-6"	09/25/97 1115 hrs	Total PCB/ 0.082	Bound Brook/ Transect EE
FFSED(S)	"	0-6"	09/25/97 1105 hrs	Total PCB/ 0.99 J	Bound Brook/ Transect FF
GGSED(S)	"	0-6"	09/25/97 1108 hrs	Total PCB/ 0.34	Bound Brook/ Transect GG
GGSED(S) MS/MSD	"	0-6"	09/25/97 1108 hrs	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
HHSED(S)	"	0-6"	09/25/97 1050 hrs	Total PCB/ 0.58 J	Bound Brook/ Transect HH
IISED(S)	"	0-6"	09/25/97 1155 hrs	Total PCB/ 0.3	Bound Brook/ Transect II
JJSED(S)	"	0-6"	09/25/97 1050 hrs	Total PCB/ 1.4 J	Bound Brook/ Transect JJ

TABLE 5

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
KKSED(S)	Sediment	0-6"	09/25/97 1034 hrs	Total PCB/ 0.5	Bound Brook/ Transect KK
KKSED(D)	"	6-12"	09/25/97 1042 hrs	Total PCB/ 1.6 J	Bound Brook/ Transect KK
LLSED(S)	"	0-6"	09/25/97 1040 hrs	Total PCB/ 1.1 J	Bound Brook/ Transect LL
MMSED(S)	"	0-6"	09/25/97 1024 hrs	Total PCB/ 0.29	Bound Brook/ Transect MM
NNSED(S)	"	0-6"	09/25/97 1025 hrs	Total PCB/ 1.6 J	Bound Brook/ Transect NN
OOSED(S)	"	0-6"	09/25/97 1012 hrs	Total PCB/ 0.73	Bound Brook/ Transect OO
OOSED(S) MS/MSD	"	0-6"	09/25/97 1012 hrs	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
PPSED(S)	"	0-6"	09/25/97 1005 hrs	Total PCB/ 0.27	Bound Brook/ Transect PP
PPSED(D)	"	18-24"	09/25/97 1010 hrs	Total PCB/ 0.12	Bound Brook/ Transect PP
QQSED(S)	"	0-6"	09/25/97 0956 hrs	Total PCB/ 0.33	Bound Brook/ Transect QQ
RRSED(S)	"	0-6"	09/25/97 1000 hrs	Total PCB/ 0.72	Bound Brook/ Transect RR
SSSED(S)	"	0-6"	09/25/97 0941 hrs	Total PCB/ 0.54	Bound Brook/ Transect SS

TABLE 5

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
SSSED(D)	Sediment	18-24"	09/25/97 0951 hrs	Total PCB/ 0.25	Bound Brook/ Transect SS
TTSED(S)	"	0-6"	09/25/97 0945 hrs	Total PCB/ 0.29	Bound Brook/ Transect TT
TTSED(D)	"	18-24"	09/25/97 0950 hrs	Total PCB/ 0.79 J	Bound Brook/ Transect TT
UUSED(S)	"	0-6"	09/25/97 0931 hrs	Total PCB/ 0.28	Bound Brook/ Transect UU
UUSED(D)	"	18-24"	09/25/97 0935 hrs	Total PCB/ 0.75 J	Bound Brook/ Transect UU
VVSED(S)	"	0-6"	09/25/97 0930 hrs	Total PCB/ 0.097	Bound Brook/ Transect VV
WWSED(S)	"	0-6"	09/25/97 0936 hrs	Total PCB/ 0.64 J	Bound Brook/ Transect WW
WWSED(S) MS/MSD	"	0-6"	09/25/97 0936 hrs	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
XSED(S)	"	0-6"	09/25/97 1200 hrs	Total PCB/ 5.0 J	Bound Brook/ Transect X
YSED(S)	"	0-6"	09/25/97 1155 hrs	Total PCB/ 2.5 J	Bound Brook/ Transect Y
ZSED(S)	"	0-6"	09/25/97 1149 hrs	Total PCB/ 2.3 J	Bound Brook/ Transect Z
ZSED(D)	"	6-12"	09/25/97 1200 hrs	Total PCB/ 4.5 J	Bound Brook/ Transect Z

TABLE 5

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
DRGG	Sediment	0-6"	09/25/97 1120 hrs	Total PCB/ U	Drain adj. to Transect GG
GGSED(S)-1	"	0-6"	09/25/97 1108 hrs	Total PCB/ 0.64 J	Duplicate of GGSED(S)
OOSED(S)-1	"	0-6"	09/25/97 012 hrs	Total PCB/ 0.41 J	Duplicate of OOSED(S)
WWSED(S)-1	"	0-6"	09/25/97 0936 hrs	Total PCB/ U	Duplicate of WWSED(S)
XSS1	Soil	0-6"	09/25/97 1430 hrs	Total PCB/ 4.0 J	Bound Brook/ Transect X
XSS2	"	0-6"	09/25/97 1415 hrs	Total PCB/ 3.2 J	Bound Brook/ Transect X
XSD2	"	18-24"	09/25/97 1420 hrs	Total PCB/ 22.0 J	Bound Brook/ Transect X
XNS1	"	0-6"	09/25/97 1410 hrs	Total PCB/ 1.6 J	Bound Brook/ Transect X
XNS2	"	0-6"	09/25/97 1415 hrs	Total PCB/ 4.0 J	Bound Brook/ Transect X
XND1	"	12-18"	09/25/97 1415 hrs	Total PCB/ U	Bound Brook/ Transect X
XND2	"	18-24"	09/25/97 1425 hrs	Total PCB/ 3.2 J	Bound Brook/ Transect X
YSS1	"	0-6"	09/25/97 1405 hrs	Total PCB/ 11.0 J	Bound Brook/ Transect Y

TABLE 5

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
YSS2	Soil	0-6"	09/25/97 1400 hrs	Total PCB/ 4.1 J	Bound Brook/ Transect Y
YSD1	"	18-24"	09/25/97 1415 hrs	Total PCB/ 2.4 J	Bound Brook/ Transect Y
YSD2	"	18-24"	09/25/97 1405 hrs	Total PCB/ 0.79	Bound Brook/ Transect Y
YNS1	"	0-6"	09/25/97 1405 hrs	Total PCB/ 2.5 J	Bound Brook/ Transect Y
YNS2	"	0-6"	09/25/97 1418 hrs	Total PCB/ 1.0 J	Bound Brook/ Transect Y
YND1	"	18-24"	09/25/97 1405 hrs	Total PCB/ U	Bound Brook/ Transect Y
YND2	"	18-24"	09/25/97 1422 hrs	Total PCB/ 0.8	Bound Brook/ Transect Y
ZSS1	"	0-6"	09/25/97 1430 hrs	Total PCB/ 7.5 J	Bound Brook/ Transect Z
ZSS2	"	0-6"	09/25/97 1430 hrs	Total PCB/ 8.2 J	Bound Brook/ Transect Z
ZSD1	"	18-24"	09/25/97 1445 hrs	Total PCB/ 0.31	Bound Brook/ Transect Z
ZSD2	"	18-24"	09/25/97 1435 hrs	Total PCB/ 4.8 J	Bound Brook/ Transect Z
ZNS1	"	0-6"	09/25/97 1435 hrs	Total PCB/ 2.4 J	Bound Brook/ Transect Z

TABLE 5

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
ZNS1 MS/MSD	Soil	0-6"	09/25/97 1435 hrs	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
ZNS2	"	0-6"	09/25/97 1440 hrs	Total PCB/ 3.5 J	Bound Brook/ Transect Z
ZNS3	"	0-6"	09/25/97 1435 hrs	Total PCB/ 5.2 J	Duplicate of ZNS1
ZND1	"	18-24"	09/25/97 1440 hrs	Total PCB/ 11.0 J	Bound Brook/ Transect Z
ZND2	"	18-24"	09/25/97 1445 hrs	Total PCB/ 4.8 J	Bound Brook/ Transect Z
AASS1	"	0-6"	09/25/97 1450 hrs	Total PCB/ 1.7 J	Bound Brook/ Transect AA
AASS2	"	0-6"	09/25/97 1445 hrs	Total PCB/ 6.8 J	Bound Brook/ Transect AA
AASD1	"	18-24"	09/25/97 1500 hrs	Total PCB/ 0.083	Bound Brook/ Transect AA
AASD2	"	18-24"	09/25/97 1450 hrs	Total PCB/ 0.14	Bound Brook/ Transect AA
AANS1	"	0-6"	09/25/97 1455 hrs	Total PCB/ 2.7 J	Bound Brook/ Transect AA
AANS2	"	0-6"	09/25/97 1458 hrs	Total PCB/ 1.1 J	Bound Brook/ Transect AA
AAND2	"	18-24"	09/25/97 1455 hrs	Total PCB/ 1.3 J	Bound Brook/ Transect AA

TABLE 5

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
RB-5	Aqueous	N/A	09/25/97 1510 hrs	Total PCB/ U	Rinsate Blank
BBSS1	Soil	0-6"	09/25/97 1505 hrs	Total PCB/ 7.0	Bound Brook/ Transect BB
BBSS2	"	0-6"	09/25/97 1500 hrs	Total PCB/ U J	Bound Brook/ Transect BB
BBSD1	"	18-24"	09/25/97 1510 hrs	Total PCB/ 9.4 J	Bound Brook/ Transect BB
BBSD2	"	18-24"	09/25/97 1505 hrs	Total PCB/ U J	Bound Brook/ Transect BB
BBNS1	"	0-6"	09/25/97 1522 hrs	Total PCB/ 4.2	Bound Brook/ Transect BB
BBNS2	"	0-6"	09/25/97 1530 hrs	Total PCB/ 0.81	Bound Brook/ Transect BB
CCSS1	"	0-6"	09/25/97 1520 hrs	Total PCB/ 7.7 D	Bound Brook/ Transect CC
CCSS2	"	0-6"	09/25/97 1515 hrs	Total PCB/ 6.1	Bound Brook/ Transect CC
CCSD1	"	18-24"	09/25/97 1525 hrs	Total PCB/ 190.0 J D	Bound Brook/ Transect CC
CCSD2	"	18-24"	09/25/97 1520 hrs	Total PCB/ 2.1 J	Bound Brook/ Transect CC
CCNS1	"	0-6"	09/25/97 1540 hrs	Total PCB/ 39.0 J	Bound Brook/ Transect CC

TABLE 5

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
CCNS1 MS/MSD	Soil	0-6"	09/25/97 1540 hrs	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
CCNS2	"	0-6"	09/25/97 1546 hrs	Total PCB/ 0.41	Bound Brook/ Transect CC
CCNS3	"	0-6"	09/25/97 1540 hrs	Total PCB/ 9.4 D	Duplicate of CCNS1
CCND1	"	18-24"	09/25/97 1542 hrs	Total PCB/ 8.4 D	Bound Brook/ Transect CC
CCND2	"	18-24"	09/25/97 1550 hrs	Total PCB/ U	Bound Brook/ Transect CC
DDSS1	"	0-6"	09/25/97 1530 hrs	Total PCB/ 830.0 J	Bound Brook/ Transect DD
DDSS2	"	0-6"	09/25/97 1530 hrs	Total PCB/ 9.6 J D	Bound Brook/ Transect DD
DDSD1	"	18-24"	09/25/97 1540 hrs	Total PCB/ 18.0 J D	Bound Brook/ Transect DD
DDSD2	"	18-24"	09/25/97 1535 hrs	Total PCB/ 12.0 J D	Bound Brook/ Transect DD
DDNS1	"	0-6"	09/25/97 1555 hrs	Total PCB/ 3.9	Bound Brook/ Transect DD
DDNS2	"	0-3"	09/25/97 1557 hrs	Total PCB/ 2.2	Bound Brook/ Transect DD
EESS1	"	0-6"	09/25/97 1545 hrs	Total PCB/ 2.1 J	Bound Brook/ Transect EE

TABLE 5

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
EESS2	Soil	0-6"	09/25/97 1545 hrs	Total PCB/ U J	Bound Brook/ Transect EE
EENS1	"	0-6"	09/25/97 1600 hrs	Total PCB/ 9.6 D	Bound Brook/ Transect EE
EENS2	"	0-6"	09/25/97 1555 hrs	Total PCB/ 17.0 J	Bound Brook/ Transect EE
FFSS1	"	0-6"	09/26/97 0955 hrs	Total PCB/ 2.1	Bound Brook/ Transect FF
FFSS2	"	0-6"	09/26/97 0946 hrs	Total PCB/ U	Bound Brook/ Transect FF
FFNS1	"	0-6"	09/26/97 0945 hrs	Total PCB/ 9.1 J D	Bound Brook/ Transect FF
FFNS2	"	0-6"	09/26/97 0945 hrs	Total PCB/ 4.7 J	Bound Brook/ Transect FF
FFND2	"	12-18"	09/26/97 0950 hrs	Total PCB/ 5.7 J	Bound Brook/ Transect FF
GGSS1	"	0-6"	09/26/97 1000 hrs	Total PCB/ 8.8 J	Bound Brook/ Transect GG
GGSS2	"	0-6"	09/26/97 0956 hrs	Total PCB/ 9.5 J	Bound Brook/ Transect GG
GGSD1	"	18-24"	09/26/97 1010 hrs	Total PCB/ 4.5	Bound Brook/ Transect GG
GGSD2	"	18-24"	09/26/97 1000 hrs	Total PCB/ 3.2 D	Bound Brook/ Transect GG

TABLE 5

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
GGNS1	Soil	0-6"	09/26/97 1010 hrs	Total PCB/ 0.95 J	Bound Brook/ Transect GG
GGNS1 MS/MSD	"	0-6"	09/26/97 1010 hrs	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
GGNS2	"	0-6"	09/26/97 1004 hrs	Total PCB/ U J	Bound Brook/ Transect GG
GGNS3	"	0-6"	09/26/97 1010 hrs	Total PCB/ 0.45 J	Duplicate of GGNS1
GGND1	"	18-24"	09/26/97 1015 hrs	Total PCB/ U J	Bound Brook/ Transect GG
GGND2	"	18-24"	09/26/97 1017 hrs	Total PCB/ U J	Bound Brook/ Transect GG
HHSS1	"	0-6"	09/26/97 1015 hrs	Total PCB/ 8.1 J	Bound Brook/ Transect HH
HHSS2	"	0-6"	09/26/97 1010 hrs	Total PCB/ 6.0 D	Bound Brook/ Transect HH
HHSD1	"	12-18"	09/26/97 1020 hrs	Total PCB/ 250.0 D	Bound Brook/ Transect HH
HHSD2	"	18-24"	09/26/97 1015 hrs	Total PCB/ 10.0 D	Bound Brook/ Transect HH
HHNS1	"	0-6"	09/26/97 1020 hrs	Total PCB/ U	Bound Brook/ Transect HH
IISS1	"	0-6"	09/26/97 1030 hrs	Total PCB/ 4.2	Bound Brook/ Transect II

TABLE 5

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
IISS2	Soil	0-6"	09/26/97 1025 hrs	Total PCB/ 1.4	Bound Brook/ Transect II
IISD2	"	18-24"	09/26/97 1030 hrs	Total PCB/ 11.0 D	Bound Brook/ Transect II
IINS1	"	0-6"	09/26/97 1030 hrs	Total PCB/ 0.95	Bound Brook/ Transect II
IINS1 MS/MSD	"	0-6"	09/26/97 1030 hrs	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
IINS2	"	0-6"	09/26/97 1032 hrs	Total PCB/ U	Bound Brook/ Transect II
IINS3	"	0-6"	09/26/97 1030 hrs	Total PCB/ 0.69	Duplicate of IINS1
JJSS1	"	0-6"	09/26/97 1040 hrs	Total PCB/ 0.52	Bound Brook/ Transect JJ
JJSS2	"	0-6"	09/26/97 1035 hrs	Total PCB/ U	Bound Brook/ Transect JJ
JJSD1	"	18-24"	09/26/97 1045 hrs	Total PCB/ U	Bound Brook/ Transect JJ
JJSD2	"	18-24"	09/26/97 1041 hrs	Total PCB/ U	Bound Brook/ Transect JJ
JJNS1	"	0-6"	09/26/97 1046 hrs	Total PCB/ 1.2	Bound Brook/ Transect JJ
JJNS2	"	0-6"	09/26/97 1047 hrs	Total PCB/ Rejected	Bound Brook/ Transect JJ

TABLE 5

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
JJND2	Soil	12-18"	09/26/97 1055 hrs	Total PCB/ U	Bound Brook/ Transect JJ
KKSS1	"	0-6"	09/26/97 1055 hrs	Total PCB/ 1.5	Bound Brook/ Transect KK
KKSS2	"	0-6"	09/26/97 1050 hrs	Total PCB/ 0.86	Bound Brook/ Transect KK
KKSD1	"	18-24"	09/26/97 1100 hrs	Total PCB/ 20.0 D	Bound Brook/ Transect KK
KKSD2	"	18-24"	09/26/97 1100 hrs	Total PCB/ U	Bound Brook/ Transect KK
KKNS1	"	0-6"	09/26/97 1058 hrs	Total PCB/ 4.6	Bound Brook/ Transect KK
KKNS2	"	0-6"	09/26/97 1100 hrs	Total PCB/ Rejected	Bound Brook/ Transect KK
KKND1	"	18-24"	09/26/97 1108 hrs	Total PCB/ Rejected	Bound Brook/ Transect KK
LLSS1	"	0-6"	09/26/97 1110 hrs	Total PCB/ U	Bound Brook/ Transect LL
LLSS2	"	0-6"	09/26/97 1102 hrs	Total PCB/ 1.6	Bound Brook/ Transect LL
LLSD1	"	18-24"	09/26/97 1120 hrs	Total PCB/ 3.8	Bound Brook/ Transect LL
LLSD2	"	18-24"	09/26/97 1110 hrs	Total PCB/ U	Bound Brook/ Transect LL

TABLE 5

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
LLNS1	Soil	0-6"	09/26/97 1115 hrs	Total PCB/ 1.6	Bound Brook/ Transect LL
LLNS1 MS/MSD	"	0-6"	09/26/97 1115 hrs	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
LLNS2	"	0-6"	09/26/97 1115 hrs	Total PCB/ Rejected	Bound Brook/ Transect LL
LLNS3	"	0-6"	09/26/97 1115 hrs	Total PCB/ 0.76 J	Duplicate of LLNS1
LLND1	"	12-18"	09/26/97 1127 hrs	Total PCB/ U	Bound Brook/ Transect LL
MMSS1	"	0-6"	09/26/97 1125 hrs	Total PCB/ 3.3	Bound Brook/ Transect MM
MMSS2	"	0-6"	09/26/97 1120 hrs	Total PCB/ 0.59	Bound Brook/ Transect MM
MMNS1	"	0-6"	09/26/97 1135 hrs	Total PCB/ 0.64	Bound Brook/ Transect MM
MMNS2	"	0-6"	09/26/97 1135 hrs	Total PCB/ 0.48 J	Bound Brook/ Transect MM
NNSS1	"	0-6"	09/26/97 1135 hrs	Total PCB/ 2.9	Bound Brook/ Transect NN
NNSS2	"	0-6"	09/26/97 1130 hrs	Total PCB/ 1.8	Bound Brook/ Transect
NNSD1	"	18-24"	09/26/97 1140 hrs	Total PCB/ 1.1	Bound Brook/ Transect NN

TABLE 5

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
NNSD2	Soil	18-24"	09/26/97 1200 hrs	Total PCB/ 4.2 J	Bound Brook/ Transect NN
NNNS1	"	0-6"	09/26/97 1140 hrs	Total PCB/ 1.4	Bound Brook/ Transect NN
NNNS1 MS/MSD	"	0-6"	09/26/97 1140 hrs	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
NNNS2	"	0-6"	09/26/97 1150 hrs	Total PCB/ Rejected	Bound Brook/ Transect NN
NNNS3	"	0-6"	09/26/97 1140 hrs	Total PCB/ 1.8 J	Duplicate of NNNS1
OOSS1	"	0-6"	09/26/97 1210 hrs	Total PCB/ 11.0 J	Bound Brook/ Transect OO
OOSS2	"	0-6"	09/26/97 1150 hrs	Total PCB/ 11.0 J	Bound Brook/ Transect OO
OOSD1	"	18-24"	09/26/97 1212 hrs	Total PCB/ 3.2	Bound Brook/ Transect OO
OOSD2	"	18-24"	09/26/97 1155 hrs	Total PCB/ 3.7	Bound Brook/ Transect OO
OONS1	"	0-6"	09/26/97 1200 hrs	Total PCB/ U	Bound Brook/ Transect OO
OONS2	"	0-6"	09/26/97 1200 hrs	Total PCB/ Rejected	Bound Brook/ Transect OO
PPSS1	"	0-6"	09/26/97 1217 hrs	Total PCB/ 8.7 J	Bound Brook/ Transect PP

TABLE 5

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
PPSS2	Soil	0-6"	09/26/97 1210 hrs	Total PCB/ 9.3 J	Bound Brook/ Transect PP
PPSD1	"	18-24"	09/26/97 1220 hrs	Total PCB/ 1.2 J	Bound Brook/ Transect PP
PPSD2	"	18-24"	09/26/97 1215 hrs	Total PCB/ 4.1 J	Bound Brook/ Transect PP
PPNS1	"	0-6"	09/26/97 1217 hrs	Total PCB/ 2.0	Bound Brook/ Transect PP
PPNS1 MS/MSD	"	0-6"	09/26/97 1217 hrs	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
PPNS2	"	0-6"	09/26/97 1220 hrs	Total PCB/ U	Bound Brook/ Transect PP
PPNS3	"	0-6"	09/26/97 1217 hrs	Total PCB/ 1.6	Duplicate of PPNS1
QQSS1	"	0-6"	09/26/97 1348 hrs	Total PCB/ 4.4 J	Bound Brook/ Transect QQ
QQSS2	"	0-6"	09/26/97 1345 hrs	Total PCB/ 14.0 J	Bound Brook/ Transect QQ
QQSD1	"	12-18"	09/26/97 1355 hrs	Total PCB/ 3.2	Bound Brook/ Transect QQ
QQSD2	"	18-24"	09/26/97 1347 hrs	Total PCB/ 2.5	Bound Brook/ Transect QQ
QQNS1	"	0-6"	09/26/97 1348 hrs	Total PCB/ 1.8	Bound Brook/ Transect QQ

TABLE 5

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
QQNS2	Soil	0-6"	09/26/97 1348 hrs	Total PCB/ 0.63	Bound Brook/ Transect QQ
QQND1	"	18-24"	09/26/97 1353 hrs	Total PCB/ U	Bound Brook/ Transect QQ
QQND2	"	12-18"	09/26/97 1356 hrs	Total PCB/ 1.2	Bound Brook/ Transect QQ
RRSS1	"	0-6"	09/26/97 1400 hrs	Total PCB/ U	Bound Brook/ Transect RR
RRSS2	"	0-6"	09/26/97 1355 hrs	Total PCB/ U	Bound Brook/ Transect RR
RRSD1	"	18-24"	09/26/97 1410 hrs	Total PCB/ U	Bound Brook/ Transect RR
RRSD2	"	12-18"	09/26/97 1405 hrs	Total PCB/ U	Bound Brook/ Transect RR
RRNS1	"	0-6"	09/26/97 1358 hrs	Total PCB/ 1.2	Bound Brook/ Transect RR
RRNS2	"	0-6"	09/26/97 1405 hrs	Total PCB/ U	Bound Brook/ Transect RR
RRND2	"	6-12"	09/26/97 1415 hrs	Total PCB/ U	Bound Brook/ Transect RR
SSSS1	"	0-6"	09/26/97 1415 hrs	Total PCB/ 0.73	Bound Brook/ Transect SS
SSSS2	"	0-6"	09/26/97 1410 hrs	Total PCB/ 0.39	Bound Brook/ Transect SS

TABLE 5

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
SSNS1	Soil	0-6"	09/26/97 1414 hrs	Total PCB/ 0.96	Bound Brook/ Transect SS
SSNS1 MS/MSD	"	0-6"	09/26/97 1414 hrs	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
SSNS2	"	0-6"	09/26/97 1417 hrs	Total PCB/ 1.0	Bound Brook/ Transect SS
SSNS3	"	0-6"	09/26/97 1415 hrs	Total PCB/ U	Duplicate of SSNS1
TTSS1	"	0-6"	09/26/97 1420 hrs	Total PCB/ U	Bound Brook/ Transect TT
TTSS2	"	0-6"	09/26/97 1420 hrs	Total PCB/ U	Bound Brook/ Transect TT
TTSD1	"	18-24"	09/26/97 1435 hrs	Total PCB/ U	Bound Brook/ Transect TT
TTNS1	"	0-6"	09/26/97 1425 hrs	Total PCB/ 2.9	Bound Brook/ Transect TT
TTNS2	"	0-6"	09/26/97 1425 hrs	Total PCB/ 0.45	Bound Brook/ Transect TT
UUSS1	"	0-6"	09/26/97 1430 hrs	Total PCB/ 2.6	Bound Brook/ Transect UU
UUSS2	"	0-6"	09/26/97 1426 hrs	Total PCB/ 1.2	Bound Brook/ Transect UU
UUNS1	"	0-6"	09/26/97 1440 hrs	Total PCB/ 1.3	Bound Brook/ Transect UU

TABLE 5

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
UUNS1 MS/MSD	Soil	0-6"	09/26/97 1440 hrs	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
UUNS2	"	0-6"	09/26/97 1440 hrs	Total PCB/ 1.3 J	Bound Brook/ Transect UU
UUNS3	"	0-6"	09/26/97 1440 hrs	Total PCB/ 0.46 J	Duplicate of UUNS1
VVSS1	"	0-6"	09/26/97 1450 hrs	Total PCB/ 3.2	Bound Brook/ Transect VV
VVSS2	"	0-6"	09/26/97 1445 hrs	Total PCB/ 1.4	Bound Brook/ Transect VV
VVSD1	"	18-24"	09/26/97 1500 hrs	Total PCB/ U	Bound Brook/ Transect VV
VVNS1	"	0-6"	09/26/97 1449 hrs	Total PCB/ 3.5 J	Bound Brook/ Transect VV
VVNS2	"	0-6"	09/26/97 1450 hrs	Total PCB/ 1.5 J	Bound Brook/ Transect VV
WWSS1	"	0-6"	09/26/97 1455 hrs	Total PCB/ 2.6	Bound Brook/ Transect WW
WWSS2	"	0-6"	09/26/97 1458 hrs	Total PCB/ U	Bound Brook/ Transect WW
WWSD1	"	18-24"	09/26/97 1530 hrs	Total PCB/ 0.82	Bound Brook/ Transect WW
WWSD2	"	18-24"	09/26/97 1510 hrs	Total PCB/ U	Bound Brook/ Transect WW

TABLE 5

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
WWNS1	Soil	0-6"	09/26/97 1505 hrs	Total PCB/ 3.0 J	Bound Brook/ Transect WW
WWNS2	"	0-6"	09/26/97 1502 hrs	Total PCB/ 1.2 J	Bound Brook/ Transect WW
NNND2	"	18-24"	09/26/97 1158 hrs	Total PCB/ Rejected	Bound Brook/ Transect NN
RB-6	Aqueous	N/A	09/26/97 1540 hrs	Total PCB/ U J	Rinsate Blank

Notes:

1. The following proposed samples were not collected due to the presence of bedrock at a depth of 6" below the streambed: AASED(D), CCSED(D) through JJSED(D), LLSED(D) through OOSED(D), QQSED(D), RRSED(D), VVSED(D), WWSED(D), XSED(D), and YSED(D).

2. The following proposed samples were not collected due to the presence of bedrock at a depth of 6" below the ground surface: EEND1, EEND2, FFSD1, FFSD2, OOND1, OOND2, and VVSD2.

3. The following proposed samples were not collected due to the presence of first groundwater at a depth of 6" below the ground surface: XSD1, EESD1, EESD2, FFND1, IISD1, MMND1, NNND1, SSND1, and SSND2.

4. The following proposed samples were not collected due to the presence of first groundwater at a depth of 12" below the ground surface: AAND1 and UUND2.

5. Proposed sample DDND2 was not collected due to refusal at 3" below ground surface.

TABLE 5

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

Notes (continued):

6. The following proposed samples were not collected due to refusal at 6" below ground surface: BBND2, DDND1, HHND1, IIND1, IIND2, JJND1, KKND2, LLND2, MMND2, PPND1, PPND2, RRND1, UUND1, VVND2, WWND1, and WWND2.

7. The following proposed samples were not collected due to refusal at 12" below ground surface: BBND1, TTND1, TTND2, and VVND1.

8. The following proposed samples were not collected due to the presence of rock/roadbed at a depth at 6" below ground surface: MMSD1, MMSD2, TTSD2, UUSD1, and UUSD2.

9. The following proposed samples were not collected due to the presence of crushed stone at a depth at 6" below ground surface: SSSD1 and SSSD2.

10. Proposed samples HHNS2 and HHND2 were not collected. Pavement was encountered at these proposed sample boring locations.

11. Data Qualifiers

    U - non-detected compound
    J - estimated value
    N - presumptive evidence of a compound
    D - value taken from analysis with a higher dilution factor

TABLE 6

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

OCTOBER 16, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
XXNS1	Soil	0-6"	10/16/97 1335 hrs.	Total PCB/ 3.3	Bound Brook/ Transect XX
XXNS2	Soil	0-6"	10/16/97 1335 hrs.	Total PCB/ 5.4	Bound Brook/ Transect XX
XXNS3	Soil	0-6"	10/16/97 1335 hrs.	Total PCB/ 3.3	Duplicate of XXNS1
XXNS1 MS/MSD	Soil	0-6"	10/16/97 1335 hrs.	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
XXSED(S)	Sediment	0-6"	10/16/97 1405 hrs.	Total PCB/ U	Bound Brook/ Transect XX
XXND1	Soil	18-24"	10/16/97 1350 hrs.	Total PCB/ U	Bound Brook/ Transect XX
XXND2	Soil	12-18"	10/16/97 1355 hrs.	Total PCB/ 6.0	Bound Brook/ Transect XX
XXSS1	Soil	0-6"	10/16/97 1340 hrs.	Total PCB/ 3.9	Bound Brook/ Transect XX
XXSS2	Soil	0-6"	10/16/97 1340 hrs.	Total PCB/ 10.0 J	Bound Brook/ Transect XX
XXSD1	Soil	12-18"	10/16/97 1350 hrs.	Total PCB/ U	Bound Brook/ Transect XX
XXSD2	Soil	12-18"	10/16/97 1400 hrs.	Total PCB/ 1.0	Bound Brook/ Transect XX
YYNS1	Soil	0-6"	10/16/97 1300 hrs.	Total PCB/ 3.9	Bound Brook/ Transect YY

TABLE 6

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

OCTOBER 16, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
YYNS2	Soil	0-6"	10/16/97 1305 hrs.	Total PCB/ 4.4	Bound Brook/ Transect YY
YYND1	Soil	18-24"	10/16/97 1310 hrs.	Total PCB/ U	Bound Brook/ Transect YY
YYND2	Soil	18-24"	10/16/97 1312 hrs.	Total PCB/ U	Bound Brook/ Transect YY
YYSED(S)	Sediment	0-6"	10/16/97 1325 hrs.	Total PCB/ 0.52	Bound Brook/ Transect YY
YYSS1	Soil	0-6"	10/16/97 1305 hrs.	Total PCB/ 19.0 J	Bound Brook/ Transect YY
YYSS2	Soil	0-6"	10/16/97 1305 hrs.	Total PCB/ 3.2	Bound Brook/ Transect YY
YYSD1	Soil	18-24"	10/16/97 1310 hrs.	Total PCB/ 24.0 J	Bound Brook/ Transect YY
YYSD2	Soil	18-24"	10/16/97 1320 hrs.	Total PCB/ 2.2	Bound Brook/ Transect YY
ZZNS1	Soil	0-6"	10/16/97 1230 hrs.	Total PCB/ 2.0	Bound Brook/ Transect ZZ
ZZNS1 MS/MSD	Soil	0-6"	10/16/97 1230 hrs.	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
ZZNS2	Soil	0-6"	10/16/97 1235 hrs.	Total PCB/ 1.5	Bound Brook/ Transect ZZ
ZZNS3	Soil	0-6"	10/16/97 1230 hrs.	Total PCB/ 4.6	Duplicate of ZZNS1

TABLE 6

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

OCTOBER 16, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
ZZND1	Soil	12-18"	10/16/97 1245 hrs.	Total PCB/ 3.8	Bound Brook/ Transect ZZ
ZZND2	Soil	18-24"	10/16/97 1240 hrs.	Total PCB/ 4.4	Bound Brook/ Transect ZZ
ZZSED(S)	Sediment	0-6"	10/16/97 1255 hrs.	Total PCB/ 0.68	Bound Brook/ Transect ZZ
ZZSED(D)	Sediment	12-18"	10/16/97 1300 hrs.	Total PCB/ U	Bound Brook/ Transect ZZ
ZZSS1	Soil	0-6"	10/16/97 1230 hrs.	Total PCB/ 3.3	Bound Brook/ Transect ZZ
ZZSS2	Soil	0-6"	10/16/97 1225 hrs.	Total PCB/ 0.48	Bound Brook/ Transect ZZ
ZZSD1	Soil	12-18"	10/16/97 1235 hrs.	Total PCB/ U	Bound Brook/ Transect ZZ
ZZSD2	Soil	12-18"	10/16/97 1245 hrs.	Total PCB/ 1.8	Bound Brook/ Transect ZZ
AAANS1	Soil	0-6"	10/16/97 1200 hrs.	Total PCB/ 4.4	Bound Brook/ Transect AAA
AAANS2	Soil	0-6"	10/16/97 1205 hrs.	Total PCB/ 6.5	Bound Brook/ Transect AAA
AAAND1	Soil	18-24"	10/16/97 1220 hrs.	Total PCB/ U	Bound Brook/ Transect AAA

TABLE 6

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

OCTOBER 16, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
AAAND2	Soil	12-18"	10/16/97 1210 hrs.	Total PCB/ U	Bound Brook/ Transect AAA
AAASED(S)	Sediment	0-6"	10/16/97 1215 hrs.	Total PCB/ U	Bound Brook/ Transect AAA
AAASED(D)	Sediment	18-24"	10/16/97 1220 hrs.	Total PCB/ 0.69	Bound Brook/ Transect AAA
AAASS1	Soil	0-6"	10/16/97 1201 hrs.	Total PCB/ 0.74	Bound Brook/ Transect AAA
AAASS2	Soil	0-6"	10/16/97 1205 hrs.	Total PCB/ 3.5	Bound Brook/ Transect AAA
AAASD1	Soil	12-18"	10/16/97 1205 hrs.	Total PCB/ U	Bound Brook/ Transect AAA
AAASD2	Soil	18-24"	10/16/97 1210 hrs.	Total PCB/ 1.2	Bound Brook/ Transect AAA
BBBNS1	Soil	0-6"	10/16/97 1120 hrs.	Total PCB/ 5.7 J	Bound Brook/ Transect BBB
BBBNS1 MS/MSD	Soil	0-6"	10/16/97 1120 hrs.	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
BBBNS2	Soil	0-6"	10/16/97 1125 hrs.	Total PCB/ 4.8 J	Bound Brook/ Transect BBB
BBBNS3	Soil	0-6"	10/16/97 1120 hrs.	Total PCB/ 7.7 J	Duplicate of BBBNS1
BBBSED(S)	Sediment	0-6"	10/16/97 1150 hrs.	Total PCB/ 1.3 J	Bound Brook/ Transect BBB

TABLE 6

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

OCTOBER 16, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
BBBSED(D)	Sediment	6-12"	10/16/97 1155 hrs.	Total PCB/ 3.5 J	Bound Brook/ Transect BBB
BBBND1	Soil	18-24"	10/16/97 1140 hrs.	Total PCB/ U J	Bound Brook/ Transect BBB
BBBND2	Soil	18-24"	10/16/97 1135 hrs.	Total PCB/ U J	Bound Brook/ Transect BBB
BBBSS1	Soil	0-6"	10/16/97 1130 hrs.	Total PCB/ 3.8 J	Bound Brook/ Transect BBB
BBBSS2	Soil	0-6"	10/16/97 1132 hrs.	Total PCB/ 5.2 J	Bound Brook/ Transect BBB
BBBSD1	Soil	12-18"	10/16/97 1140 hrs.	Total PCB/ 2.4 J	Bound Brook/ Transect BBB
BBBSD2	Soil	18-24"	10/16/97 1145 hrs.	Total PCB/ 4.6	Bound Brook/ Transect BBB
SWSED(S)	Sediment	0-6"	10/16/97 1515 hrs.	Total PCB/ 0.63	Bound Brook/ Spillway South
DPSSED(S)	Sediment	0-6"	10/16/97 1520 hrs.	Total PCB/ U J	Bound Brook/ Discharge Pipe South
BRSSED(S)	Sediment	0-6"	10/16/97 1555 hrs.	Total PCB/ U J	Bound Brook/ Bridge South
SPLKDD	Sediment	0-6"	10/16/97 1540 hrs.	Total PCB/ U J	Bound Brook/ Spring Lake Discharge
RB-7	Aqueous	N/A	10/16/97 1700 hrs.	Total PCB/ U J	Rinsate Blank

TABLE 6

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

OCTOBER 16, 1997

Notes:

1. The following proposed samples were not collected due to the presence of bedrock at a depth of 6" below the streambed: XXSED(D) and YYSED(D).

2. Data Qualifiers

   U - non-detected compound
   J - estimated value
   N - presumptive evidence of a compound
   D - value taken from analysis with a higher dilution factor

TABLE 7

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 5, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
LLLNS1	Soil	0-6"	11/05/97 1525 hrs.	Total PCB/ 4.41 N J D	Transect LLL
LLLNS2	Soil	0-6"	11/05/97 1537 hrs.	Total PCB/ 11.9 N J D	Transect LLL
LLLND1	Soil	18-24"	11/05/97 1535 hrs.	Total PCB/ 25.0 N J D	Transect LLL
LLLND2	Soil	18-24"	11/05/97 1536 hrs.	Total PCB/ 7.33 N J D	Transect LLL
LLLSED(S)	Sediment	0-6"	11/05/97 1523 hrs.	Total PCB/ 24.0 N J	Transect LLL
LLLSED(D)	Sediment	18-24"	11/05/97 1525 hrs.	Total PCB/ 2.56 N J D	Transect LLL
LLLSS1	Soil	0-6"	11/05/97 1530 hrs.	Total PCB/ 15.2 N J D	Transect LLL
LLLSS2	Soil	0-6"	11/05/97 1530 hrs.	Total PCB/ 21.0 N D	Transect LLL
LLLSD1	Soil	18-24"	11/05/97 1540 hrs.	Total PCB/ 0.142 N J	Transect LLL
LLLSD2	Soil	18-24"	11/05/97 1545 hrs.	Total PCB/ 0.104 N J	Transect LLL
MMMNS1	Soil	0-6"	11/05/97 1525 hrs.	Total PCB/ 13.0 N J D	Transect MMM
MMMNS1 MS/MSD	Soil	0-6"	11/05/97 1525 hrs.	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.

TABLE 7

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 5, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
MMMNS2	Soil	0-6"	11/05/97 1525 hrs.	Total PCB/ 6.6 N J D	Transect MMM
MMMNS3	Soil	0-6"	11/05/97 1525 hrs.	Total PCB/ 13.0 N D	Dupl. of MMMNS1
MMMND2	Soil	18-24"	11/05/97 1535 hrs.	Total PCB/ 0.32 N	Transect MMM
MMMSED(S)	Sediment	0-6"	11/05/97 1510 hrs.	Total PCB/ 17.0 N J	Transect MMM
MMMSED(D)	Sediment	18-24"	11/05/97 1510 hrs.	Total PCB/ 13.0 N D	Transect MMM
MMMSS1	Soil	0-6"	11/05/97 1515 hrs.	Total PCB/ 18.0 N J D	Transect MMM
MMMSS2	Soil	0-6"	11/05/97 1515 hrs.	Total PCB/ 13.0 N J D	Transect MMM
MMMSD2	Soil	18-24"	11/05/97 1515 hrs.	Total PCB/ 38.0 N J D	Transect MMM
NNNNS1	Soil	0-6"	11/05/97 1450 hrs.	Total PCB/ 8.7 N D	Transect NNN
NNNNS2	Soil	0-6"	11/05/97 1450 hrs.	Total PCB/ 8.0 N D	Transect NNN
NNNND1	Soil	18-24"	11/05/97 1455 hrs.	Total PCB/ 150.0 N D	Transect NNN
NNNND2	Soil	18-24"	11/05/97 1450 hrs.	Total PCB/ 120.0 N J D	Transect NNN

TABLE 7

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 5, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
NNNSED(S)	Sediment	0-6"	11/05/97 1420 hrs.	Total PCB/ 2.4 N J D	Transect NNN
NNNSED(D)	Sediment	18-24"	11/05/97 1420 hrs.	Total PCB/ 2.8 N J D	Transect NNN
NNNSS1	Soil	0-6"	11/05/97 1425 hrs.	Total PCB/ 13.0 N D	Transect NNN
NNNSS2	Soil	0-6"	11/05/97 1430 hrs.	Total PCB/ 9.3 N D	Transect NNN
NNNSD1	Soil	18-24"	11/05/97 1427 hrs.	Total PCB/ 2.1 N	Transect NNN
NNNSD2	Soil	18-24"	11/05/97 1425 hrs.	Total PCB/ 14.0 N D	Transect NNN
OOONS1	Soil	0-6"	11/05/97 1500 hrs.	Total PCB/ 110.0 N D	Transect OOO
OOONS1 MS/MSD	Soil	0-6"	11/05/97 1500 hrs.	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
OOONS2	Soil	0-6"	11/05/97 1500 hrs.	Total PCB/ 13.0 N D	Transect OOO
OOONS3	Soil	0-6"	11/05/97 1500 hrs.	Total PCB/ 49.0 N D	Dupl. of OOONS1
OOOND1	Soil	18-24"	11/05/97 1510 hrs.	Total PCB/ 0.97 N J D	Transect OOO

TABLE 7

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 5, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
OOOND2	Soil	18-24"	11/05/97 1500 hrs.	Total PCB/ 70.0 N D	Transect OOO
OOOSED(S)	Sediment	0-6"	11/05/97 1405 hrs.	Total PCB/ 10.0 N D	Transect OOO
OOOSED(D)	Sediment	18-24"	11/05/97 1405 hrs.	Total PCB/ 0.10 N J	Transect OOO
OOOSS1	Soil	0-6"	11/05/97 1407 hrs.	Total PCB/ 14.0 N J D	Transect OOO
OOOSS2	Soil	0-6"	11/05/97 1415 hrs.	Total PCB/ 0.12 N	Transect OOO
OOOSD1	Soil	12-18"	11/05/97 1410 hrs.	Total PCB/ 1.4 N D	Transect OOO
OOOSD2	Soil	18-24"	11/05/97 1410 hrs.	Total PCB/ 9.2 N D	Transect OOO
PPPNS1	Soil	0-6"	11/05/97 1415 hrs.	Total PCB/ 13.0 N J D	Transect PPP
PPPNS2	Soil	0-6"	11/05/97 1445 hrs.	Total PCB/ 10.0 N D	Transect PPP
PPPND1	Soil	18-24"	11/05/97 1450 hrs.	Total PCB/ 32.0 N D	Transect PPP
PPPND2	Soil	18-24"	11/05/97 1450 hrs.	Total PCB/ 470.0 N J D	Transect PPP
PPPSED(S)	Sediment	0-6"	11/05/97 1400 hrs.	Total PCB/ 3.7 N	Transect PPP

TABLE 7

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 5, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
PPPSED(D)	Sediment	18-24"	11/05/97 1400 hrs.	Total PCB/ 0.81 N D	Transect PPP
PPPSS1	Soil	0-6"	11/05/97 1200 hrs.	Total PCB/ 2.4 N D	Transect PPP
PPPSS2	Soil	0-6"	11/05/97 1200 hrs.	Total PCB/ 2.0 N D	Transect PPP
PPPSD1	Soil	18-24"	11/05/97 1202 hrs.	Total PCB/ 5.0 N D	Transect PPP
PPPSD2	Soil	18-24"	11/05/97 1202 hrs.	Total PCB/ 0.28 N	Transect PPP
QQQNS1	Soil	0-6"	11/05/97 1420 hrs.	Total PCB/ 9.4 N J D	Transect QQQ
QQQNS1 MS/MSD	Soil	0-6"	11/05/97 1420 hrs.	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
QQQNS2	Soil	0-6"	11/05/97 1420 hrs.	Total PCB/ 12.0 N J D	Transect QQQ
QQQNS3	Soil	0-6"	11/05/97 1420 hrs.	Total PCB/ 8.4 N J D	Dupl. of QQQNS1
QQQND1	Soil	18-24"	11/05/97 1425 hrs.	Total PCB/ 40.0 N J D	Transect QQQ
QQQND2	Soil	18-24"	11/05/97 1425 hrs.	Total PCB/ 7.5 N J D	Transect QQQ
QQQSED(S)	Sediment	0-6"	11/05/97 1355 hrs.	Total PCB/ 0.13 N J	Transect QQQ

TABLE 7

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 5, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
QQQSED(D)	Sediment	18-24"	11/05/97 1400 hrs.	Total PCB/ 2.9 N J D	Transect QQQ
QQQSS1	Soil	0-6"	11/05/97 1120 hrs.	Total PCB/ 5.4 N D	Transect QQQ
QQQSS2	Soil	0-6"	11/05/97 1120 hrs.	Total PCB/ 0.85 N D	Transect QQQ
QQQSD1	Soil	18-24"	11/05/97 1125 hrs.	Total PCB/ 5.8 N D	Transect QQQ
QQQSD2	Soil	18-24"	11/05/97 1125 hrs.	Total PCB/ 13.0 N D	Transect QQQ
RRRNS1	Soil	0-6"	11/05/97 1405 hrs.	Total PCB/ 6.33 N D	Transect RRR
RRRNS2	Soil	0-6"	11/05/97 1400 hrs.	Total PCB/ 4.08 N D	Transect RRR
RRRND1	Soil	18-24"	11/05/97 1410 hrs.	Total PCB/ 117.0 N J D	Transect RRR
RRRND2	Soil	18-24"	11/05/97 1405 hrs.	Total PCB/ 26.6 N D	Transect RRR
RRRSED(S)	Sediment	0-6"	11/05/97 1350 hrs.	Total PCB/ 1.07 N D	Transect RRR
RRRSED(D)	Sediment	18-24"	11/05/97 1300 hrs.	Total PCB/ 0.22 N J	Transect RRR
RRRSS1	Soil	0-6"	11/05/97 1105 hrs.	Total PCB/ 3.6 N J D	Transect RRR

TABLE 7

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 5, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
RRRSS2	Soil	0-6"	11/05/97 1105 hrs.	Total PCB/ 0.89 N J D	Transect RRR
RRRSD1	Soil	18-24"	11/05/97 1110 hrs.	Total PCB/ 68.0 N J D	Transect RRR
RRRSD2	Soil	18-24"	11/05/97 1110 hrs.	Total PCB/ 0.2 N	Transect RRR
SSSNS1	Soil	0-6"	11/05/97 1345 hrs.	Total PCB/ 4.9 N J D	Transect SSS
SSSNS1 MS/MSD	Soil	0-6"	11/05/97 1345 hrs.	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
SSSNS2	Soil	0-6"	11/05/97 1350 hrs.	Total PCB/ 5.29 N J D	Transect SSS
SSSNS3	Soil	0-6"	11/05/97 1345 hrs.	Total PCB/ 5.32 N J D	Dupl. of SSSNS1
SSSND1	Soil	18-24"	11/05/97 1355 hrs.	Total PCB/ 4.3 N J D	Transect SSS
SSSND2	Soil	18-24"	11/05/97 1352 hrs.	Total PCB/ 20.8 N J D	Transect SSS
SSSSED(S)	Sediment	0-6"	11/05/97 1345 hrs.	Total PCB/ 5.1 N J D	Transect SSS
SSSSED(D)	Sediment	18-24"	11/05/97 1345 hrs.	Total PCB/ 13.6 N J D	Transect SSS
SSSSS1	Soil	0-6"	11/05/97 1050 hrs.	Total PCB/ 0.55 N D	Transect SSS

TABLE 7

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 5, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
SSSSS2	Soil	0-6"	11/05/97 1055 hrs.	Total PCB/ 0.11 N	Transect SSS
SSSSD1	Soil	18-24"	11/05/97 1055 hrs.	Total PCB/ 61.0 N D	Transect SSS
SSSSD2	Soil	18-24"	11/05/97 1055 hrs.	Total PCB/ 0.68 N D	Transect SSS
TTTNS1	Soil	0-6"	11/05/97 1140 hrs.	Total PCB/ 7.5 N D	Transect TTT
TTTNS2	Soil	0-6"	11/05/97 1141 hrs.	Total PCB/ 6.0 N D	Transect TTT
TTTND1	Soil	18-24"	11/05/97 1152 hrs.	Total PCB/ 29.0 N D	Transect TTT
TTTND2	Soil	18-24"	11/05/97 1157 hrs.	Total PCB/ 3.6 N J D	Transect TTT
TTTSED(S)	Sediment	0-6"	11/05/97 1215 hrs.	Total PCB/ 0.96 N D	Transect TTT
TTTSS1	Soil	0-6"	11/05/97 1025 hrs.	Total PCB/ 33.0 N D	Transect TTT
TTTSS2	Soil	0-6"	11/05/97 1040 hrs.	Total PCB/ 1.3 N D	Transect TTT
TTTSD1	Soil	18-24"	11/05/97 1040 hrs.	Total PCB/ 18.0 N D	Transect TTT
TTTSD2	Soil	18-24"	11/05/97 1040 hrs.	Total PCB/ 4.6 N D	Transect TTT

TABLE 7

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 5, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
UUUNS1	Soil	0-6"	11/05/97 1120 hrs.	Total PCB/ 7.8 N D	Transect UUU
UUUNS1 MS/MSD	Soil	0-6"	11/05/97 1120 hrs.	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
UUUNS2	Soil	0-6"	11/05/97 1115 hrs.	Total PCB/ 8.6 N D	Transect UUU
UUUNS3	Soil	0-6"	11/05/97 1120 hrs.	Total PCB/ 6.6 N D	Dupl. of UUUNS1
UUUND1	Soil	18-24"	11/05/97 1123 hrs.	Total PCB/ 7.1 N D	Transect UUU
UUUND2	Soil	18-24"	11/05/97 1130 hrs.	Total PCB/ 4.2 N D	Transect UUU
UUUSED(S)	Sediment	0-6"	11/05/97 1150 hrs.	Total PCB/ 7.9 N J D	Transect UUU
UUUSED(D)	Sediment	18-24"	11/05/97 1210 hrs.	Total PCB/ 11.0 N D	Transect UUU
UUUSS1	Soil	0-6"	11/05/97 1025 hrs.	Total PCB/ 2.9 N D	Transect UUU
UUUSS2	Soil	0-6"	11/05/97 1025 hrs.	Total PCB/ 0.27 N	Transect UUU
UUUSD1	Soil	18-24"	11/05/97 1030 hrs.	Total PCB/ 220.0 N D	Transect UUU
UUUSD2	Soil	18-24"	11/05/97 1025 hrs.	Total PCB/ 0.89 N D	Transect UUU

TABLE 7

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 5, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
VVVNS1	Soil	0-6"	11/05/97 1040 hrs.	Total PCB/ 6.2 N J D	Transect VVV
VVVNS2	Soil	0-6"	11/05/97 1040 hrs.	Total PCB/ 6.8 N J D	Transect VVV
VVVND1	Soil	18-24"	11/05/97 1045 hrs.	Total PCB/ 3.7 N J D	Transect VVV
VVVND2	Soil	18-24"	11/05/97 1050 hrs.	Total PCB/ 7.6 N J D	Transect VVV
VVVSED(S)	Sediment	0-6"	11/05/97 1100 hrs.	Total PCB/ 2.2 N J	Transect VVV
VVVSS1	Soil	0-6"	11/05/97 1015 hrs.	Total PCB/ 7.1 N J D	Transect VVV
VVVSS2	Soil	0-6"	11/05/97 1015 hrs.	Total PCB/ 1.1 N J D	Transect VVV
VVVSD1	Soil	18-24"	11/05/97 1020 hrs.	Total PCB/ 61.0 N J D	Transect VVV
VVVSD2	Soil	18-24"	11/05/97 1015 hrs.	Total PCB/ 6.6 N J D	Transect VVV
WWWNS1	Soil	0-6"	11/05/97 1000 hrs.	Total PCB/ 5.3 N J D	Transect WWW
WWWNS1 MS/MSD	Soil	0-6"	11/05/97 1000 hrs.	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
WWWNS2	Soil	0-6"	11/05/97 1010 hrs.	Total PCB/ 7.6 N J D	Transect WWW

TABLE 7

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 5, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
WWWNS3	Soil	0-6"	11/05/97 1000 hrs.	Total PCB/ 7.9 N J D	Dupl. of WWWNS1
WWWND1	Soil	18-24"	11/05/97 1010 hrs.	Total PCB/ 7.8 N J D	Transect WWW
WWWND2	Soil	14-20"	11/05/97 1005 hrs.	Total PCB/ 2.3 N J D	Transect WWW
WWWSED(S)	Sediment	0-6"	11/05/97 1020 hrs.	Total PCB/ 3.1 N J D	Transect WWW
WWWSED(D)	Sediment	12-18"	11/05/97 1020 hrs.	Total PCB/ 0.2 N	Transect WWW
WWWSS1	Soil	0-6"	11/05/97 1000 hrs.	Total PCB/ 7.7 N J D	Transect WWW
WWWSS2	Soil	0-6"	11/05/97 1000 hrs.	Total PCB/ 6.2 N J D	Transect WWW
WWWSD1	Soil	18-24"	11/05/97 1010 hrs.	Total PCB/ 7.3 N J D	Transect WWW
WWWSD2	Soil	18-24"	11/05/97 1015 hrs.	Total PCB/ 2.8 N J D	Transect WWW
RB	Aqueous	N/A	11/05/97 1630 hrs.	Total PCB/ U	Rinsate Blank

Notes:

1. Proposed samples TTTSED(D) and VVVSED(D) were not collected due to the presence of shale at 6-9" below the bottom of the streambed.

2. Proposed samples MMMND1 and MMMSD1 were not collected due to the presence of first groundwater at a depth of 6" below ground surface.

3. Data Qualifiers

U - non-detected compound
J - estimated value
N - presumptive evidence of a compound
D - value taken from analysis with a higher dilution factor

TABLE 8

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 6, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
CCCNS1	Soil	0-6"	11/06/97 1210 hrs.	Total PCB/ 8.1 N J D	Transect CCC
CCCNS2	Soil	0-6"	11/06/97 1205 hrs.	Total PCB/ 16.0 N J D	Transect CCC
CCCND1	Soil	12-18"	11/06/97 1215 hrs.	Total PCB/ 0.031 N J	Transect CCC
CCCND2	Soil	9-15"	11/06/97 1155 hrs.	Total PCB/ 1.8 N J D	Transect CCC
CCCSED(S)	Sediment	0-6"	11/06/97 1155 hrs.	Total PCB/ 3.3 N J D	Transect CCC
CCCSED(D)	Sediment	18-24"	11/06/97 1200 hrs.	Total PCB/ 2.0 N J D	Transect CCC
CCCSS1	Soil	0-6"	11/06/97 1152 hrs.	Total PCB/ 12.0 N J D	Transect CCC
CCCSS1 MS/MSD	Soil	0-6"	11/06/97 1152 hrs.	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
CCCSS2	Soil	0-6"	11/06/97 1202 hrs.	Total PCB/ 4.9 N J D	Transect CCC
CCCSS3	Soil	0-6"	11/06/97 1152 hrs.	Total PCB/ 12.0 N J D	Dupl. of CCCSS1
DDDNS1	Soil	0-6"	11/06/97 1145 hrs.	Total PCB/ 9.9 N D	Transect DDD
DDDNS2	Soil	0-6"	11/06/97 1146 hrs.	Total PCB/ 24.0 N D	Transect DDD

TABLE 8

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 6, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
DDDND2	Soil	18-24"	11/06/97 1152 hrs.	Total PCB/ 4.2 N J D	Transect DDD
DDDSED(S)	Sediment	0-6"	11/06/97 1140 hrs.	Total PCB/ 2.9 N J D	Transect DDD
DDDSED(D)	Sediment	18-24"	11/06/97 1141 hrs.	Total PCB/ 5.7 N D	Transect DDD
DDDSS1	Soil	0-6"	11/06/97 1140 hrs.	Total PCB/ 8.2 N J D	Transect DDD
DDDSS2	Soil	0-6"	11/06/97 1144 hrs.	Total PCB/ 31.0 D	Transect DDD
DDDSD1	Soil	18-24"	11/06/97 1142 hrs.	Total PCB/ U J D	Transect DDD
DDDSD2	Soil	18-24"	11/06/97 1147 hrs.	Total PCB/ 15.0 N D	Transect DDD
EEENS1	Soil	0-6"	11/06/97 1125 hrs.	Total PCB/ 16.0 N J D	Transect EEE
EEENS1 MS/MSD	Soil	0-6"	11/06/97 1125 hrs.	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
EEENS2	Soil	0-6"	11/06/97 1124 hrs.	Total PCB/ 18.0 N J D	Transect EEE
EEENS3	Soil	0-6"	11/06/97 1146 hrs.	Total PCB/ 15.0 N J D	Dupl. of EEENS1
EEEND1	Soil	9-15"	11/06/97 1130 hrs.	Total PCB/ 25.0 N J D	Transect EEE

TABLE 8

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 6, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
EEEND2	Soil	18-24"	11/06/97 1123 hrs.	Total PCB/ 1.3 N J D	Transect EEE
EEESED(S)	Sediment	0-6"	11/06/97 1120 hrs.	Total PCB/ 7.0 N J D	Transect EEE
EEESS1	Soil	0-6"	11/06/97 1125 hrs.	Total PCB/ 21.0 N J D	Transect EEE
EEESS2	Soil	0-6"	11/06/97 1127 hrs.	Total PCB/ 0.49 N J	Transect EEE
EEESD1	Soil	18-24"	11/06/97 1130 hrs.	Total PCB/ 0.0098 N J	Transect EEE
EEESD2	Soil	18-24"	11/06/97 1124 hrs.	Total PCB/ 0.02 N J	Transect EEE
FFFNS1	Soil	0-6"	11/06/97 1110 hrs.	Total PCB/ 62.0 N J	Transect FFF
FFFNS2	Soil	0-6"	11/06/97 1100 hrs.	Total PCB/ 35.0 N J	Transect FFF
FFFND1	Soil	18-24"	11/06/97 1115 hrs.	Total PCB/ 180.0 N J	Transect FFF
FFFND2	Soil	18-24"	11/06/97 1113 hrs.	Total PCB/ 95.0 N J	Transect FFF
FFFSED(S)	Sediment	0-6"	11/06/97 1105 hrs.	Total PCB/ 3.1 N D	Transect FFF

TABLE 8

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 6, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
FFFSED(D)	Sediment	18-24"	11/06/97 1106 hrs.	Total PCB/ 2.9 N J D	Transect FFF
FFFSS1	Soil	0-6"	11/06/97 1103 hrs.	Total PCB/ 17.0 N D	Transect FFF
FFFSS2	Soil	0-6"	11/06/97 1110 hrs.	Total PCB/ 23.0 N D	Transect FFF
FFFSD1	Soil	18-24"	11/06/97 1106 hrs.	Total PCB/ Rejected	Transect FFF
FFFSD2	Soil	18-24"	11/06/97 1110 hrs.	Total PCB/ 3.1 N D	Transect FFF
GGGNS1	Soil	0-6"	11/06/97 1050 hrs.	Total PCB/ 24.0 N J D	Transect GGG
GGGNS1 MS/MSD	Soil	0-6"	11/06/97 1050 hrs.	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
GGGNS2	Soil	0-6"	11/06/97 1055 hrs.	Total PCB/ 41.0 N D	Transect GGG
GGGNS3	Soil	0-6"	11/06/97 1050 hrs.	Total PCB/ 23.0 N J D	Dupl. of GGGNS1
GGGND1	Soil	18-24"	11/06/97 1055 hrs.	Total PCB/ 95.0 N J D	Transect GGG
GGGND2	Soil	18-24"	11/06/97 1101 hrs.	Total PCB/ 11.0 N J D	Transect GGG
GGGSED(S)	Sediment	0-6"	11/06/97 1050 hrs.	Total PCB/ 10.0 N J	Transect GGG

TABLE 8

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 6, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
GGGSED(D)	Sediment	18-24"	11/06/97 1051 hrs.	Total PCB/ 2.2 N J	Transect GGG
GGGSS1	Soil	0-6"	11/06/97 1046 hrs.	Total PCB/ 28.0 N J D	Transect GGG
GGGSS2	Soil	0-6"	11/06/97 1054 hrs.	Total PCB/ 33.0 N J D	Transect GGG
GGGSD1	Soil	18-24"	11/06/97 1055 hrs.	Total PCB/ 0.19 N J	Transect GGG
GGGSD2	Soil	18-24"	11/06/97 1055 hrs.	Total PCB/ 0.14 N J	Transect GGG
HHHNS1	Soil	0-6"	11/06/97 1040 hrs.	Total PCB/ 31.0 N J	Transect HHH
HHHNS2	Soil	0-6"	11/06/97 1038 hrs.	Total PCB/ 30.0 N D	Transect HHH
HHHND1	Soil	18-24"	11/06/97 1043 hrs.	Total PCB/ 1.2 N J	Transect HHH
HHHND2	Soil	18-24"	11/06/97 1045 hrs.	Total PCB/ 1.9 N J	Transect HHH
HHHSED(S)	Soil	0-6"	11/06/97 1035 hrs.	Total PCB/ 39.0 N J D	Transect HHH
HHHSED(D)	Soil	18-24"	11/06/97 1037 hrs.	Total PCB/ 6.9 N J	Transect HHH
HHHSS1	Soil	0-6"	11/06/97 1030 hrs.	Total PCB/ 16.0 N J	Transect HHH

TABLE 8

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 6, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
HHHSS2	Soil	0-6"	11/06/97 1041 hrs.	Total PCB/ 17.0 N J	Transect HHH
HHHSD1	Soil	18-24"	11/06/97 1035 hrs.	Total PCB/ 9.1 N J D	Transect HHH
HHHSD2	Soil	18-24"	11/06/97 1045 hrs.	Total PCB/ 14.0 N J D	Transect HHH
IIINS1	Soil	0-6"	11/06/97 1020 hrs.	Total PCB/ 7.2 N J D	Transect III
IIINS1 MS/MSD	Soil	0-6"	11/06/97 1020 hrs.	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
IIINS2	Soil	0-6"	11/06/97 1020 hrs.	Total PCB/ 33.0 N D	Transect III
IIINS3	Soil	0-6"	11/06/97 1020 hrs.	Total PCB/ 9.5 N J D	Dupl. of IIINS1
IIIND1	Soil	18-24"	11/06/97 1025 hrs.	Total PCB/ 7.2 N J	Transect III
IIIND2	Soil	18-24"	11/06/97 1025 hrs.	Total PCB/ 0.056 N J	Transect III
IIISED(S)	Sediment	0-6"	11/06/97 1016 hrs.	Total PCB/ 10.0 N D	Transect III
IIISED(D)	Sediment	18-24"	11/06/97 1017 hrs.	Total PCB/ 23.0 N	Transect III
IIISS1	Soil	0-6"	11/06/97 1017 hrs.	Total PCB/ 35.0 N D	Transect III

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CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 6, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
IIISS2	Soil	0-6"	11/06/97 1025 hrs.	Total PCB/ 34.0 N D	Transect III
IIISD1	Soil	18-24"	11/06/97 1022 hrs.	Total PCB/ 110.0 N D	Transect III
IIISD2	Soil	18-24"	11/06/97 1025 hrs.	Total PCB/ 85.0 N D	Transect III
JJJNS1	Soil	0-6"	11/06/97 1005 hrs.	Total PCB/ 26.0 N J D	Transect JJJ
JJJNS2	Soil	0-6"	11/06/97 1005 hrs.	Total PCB/ 16.0 N J D	Transect JJJ
JJJND1	Soil	18-24"	11/06/97 1010 hrs.	Total PCB/ 1.7 N J	Transect JJJ
JJJND2	Soil	18-24"	11/06/97 1009 hrs.	Total PCB/ 7.6 N J D	Transect JJJ
JJJSED(S)	Soil	0-6"	11/06/97 1000 hrs.	Total PCB/ 4.7 N J D	Transect JJJ
JJJSED(D)	Soil	18-24"	11/06/97 1002 hrs.	Total PCB/ 5.7 N J D	Transect JJJ
JJJSS1	Soil	0-6"	11/06/97 1000 hrs.	Total PCB/ 50.0 N J D	Transect JJJ
JJJSS2	Soil	0-6"	11/06/97 1006 hrs.	Total PCB/ 24.0 N J D	Transect JJJ
JJJSD1	Soil	18-24"	11/06/97 1005 hrs.	Total PCB/ 170.0 N J	Transect JJJ

TABLE 8

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 6, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
JJJSD2	Soil	18-24"	11/06/97 1010 hrs.	Total PCB/ 140.0 N J D	Transect JJJ
KKKNS1	Soil	0-6"	11/06/97 0945 hrs.	Total PCB/ 18.0 N J	Transect KKK
KKKNS1 MS/MSD	Soil	0-6"	11/06/97 0945 hrs.	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
KKKNS2	Soil	0-6"	11/06/97 0940 hrs.	Total PCB/ 8.1 N J D	Transect KKK
KKKNS3	Soil	0-6"	11/06/97 0945 hrs.	Total PCB/ 7.8 N J D	Dupl. of KKKNS1
KKKND1	Soil	18-24"	11/06/97 0950 hrs.	Total PCB/ 12.0 N J	Transect KKK
KKKND2	Soil	18-24"	11/06/97 0953 hrs.	Total PCB/ 5.8 N J D	Transect KKK
KKKSED(S)	Sediment	0-6"	11/06/97 0945 hrs.	Total PCB/ 2.7 N J	Transect KKK
KKKSED(D)	Sediment	18-24"	11/06/97 0945 hrs.	Total PCB/ 5.8 N J	Transect KKK
KKKSS1	Soil	0-6"	11/06/97 0940 hrs.	Total PCB/ 33.0 N J	Transect KKK
KKKSS2	Soil	0-6"	11/06/97 0950 hrs.	Total PCB/ 17.0 N J D	Transect KKK
KKKSD1	Soil	18-24"	11/06/97 0946 hrs.	Total PCB/ 43.0 N J	Transect KKK

TABLE 8

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 6, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
KKKSD2	Soil	18-24"	11/06/97 0950 hrs.	Total PCB/ 1.1 N J	Transect KKK
XXXNS1	Soil	0-6"	11/06/97 1405 hrs.	Total PCB/ 10.0 N J D	Transect XXX
XXXNS1 MS/MSD	Soil	0-6"	11/06/97 1405 hrs.	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
XXXNS2	Soil	0-6"	11/06/97 1408 hrs.	Total PCB/ 5.7 N D	Transect XXX
XXXNS3	Soil	0-6"	11/06/97 1405 hrs.	Total PCB/ 7.0 N J D	Dupl. of XXXNS1
XXXND1	Soil	18-24"	11/06/97 1415 hrs.	Total PCB/ 2.8 N J D	Transect XXX
XXXND2	Soil	18-24"	11/06/97 1417 hrs.	Total PCB/ 0.46 N J	Transect XXX
XXXSED(S)	Sediment	0-6"	11/06/97 1405 hrs.	Total PCB/ Rejected	Transect XXX
XXXSS1	Soil	0-6"	11/06/97 1400 hrs.	Total PCB/ 6.3 N J D	Transect XXX
XXXSS2	Soil	0-6"	11/06/97 1411 hrs.	Total PCB/ 8.5 N J D	Transect XXX
XXXSD1	Soil	18-24"	11/06/97 1405 hrs.	Total PCB/ 20.0 N J D	Transect XXX
XXXSD2	Soil	18-24"	11/06/97 1410 hrs.	Total PCB/ 20.0 N J D	Transect XXX

TABLE 8

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 6, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
YYYNS1	Soil	0-6"	11/06/97 1425 hrs.	Total PCB/ 7.7 N J D	Transect YYY
YYYNS2	Soil	0-6"	11/06/97 1420 hrs.	Total PCB/ 9.5 N J D	Transect YYY
YYYND1	Soil	18-24"	11/06/97 1430 hrs.	Total PCB/ 31.0 N J D	Transect YYY
YYYND2	Soil	18-24"	11/06/97 1427 hrs.	Total PCB/ 2.8 N J D	Transect YYY
YYYSED(S)	Sediment	0-6"	11/06/97 1415 hrs.	Total PCB/ 3.7 N J D	Transect YYY
YYYSED(D)	Sediment	18-24"	11/06/97 1417 hrs.	Total PCB/ 0.011 N J	Transect YYY
YYYSS1	Soil	0-6"	11/06/97 1420 hrs.	Total PCB/ 8.8 N J D	Transect YYY
YYYSS2	Soil	0-6"	11/06/97 1425 hrs.	Total PCB/ 14.0 N J D	Transect YYY
YYYSD1	Soil	18-24"	11/06/97 1430 hrs.	Total PCB/ 11.0 N J D	Transect YYY
YYYSD2	Soil	18-24"	11/06/97 1430 hrs.	Total PCB/ 22.0 N J D	Transect YYY
ZZZNS1	Soil	0-6"	11/06/97 1435 hrs.	Total PCB/ 1.2 N D	Transect ZZZ
ZZZNS1 MS/MSD	Soil	0-6"	11/06/97 1435 hrs.	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.

TABLE 8

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 6, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
ZZZNS2	Soil	0-6"	11/06/97 1439 hrs.	Total PCB/ 0.0062 N J	Transect ZZZ
ZZZNS3	Soil	0-6"	11/06/97 1435 hrs.	Total PCB/ 2.3 N J D	Dupl. of ZZZNS1
ZZZND1	Soil	18-24"	11/06/97 1450 hrs.	Total PCB/ 0.12 N J	Transect ZZZ
ZZZND2	Soil	9-15"	11/06/97 1444 hrs.	Total PCB/ 0.034 N J	Transect ZZZ
ZZZSED(S)	Sediment	0-6"	11/06/97 1435 hrs.	Total PCB/ 0.02 N J	Transect ZZZ
ZZZSS1	Soil	0-6"	11/06/97 1435 hrs.	Total PCB/ 6.6 N D	Transect ZZZ
ZZZSS2	Soil	0-6"	11/06/97 1442 hrs.	Total PCB/ 9.0 N J D	Transect ZZZ
ZZZSD1	Soil	18-24"	11/06/97 1440 hrs.	Total PCB/ 9.8 N J D	Transect ZZZ
ZZZSD2	Soil	18-24"	11/06/97 1445 hrs.	Total PCB/ 24.0 N J D	Transect ZZZ
AAAANS1	Soil	0-6"	11/06/97 1525 hrs.	Total PCB/ 4.6 N J D	Transect AAAA
AAAANS1 MS/MSD	Soil	0-6"	11/06/97 11525 hrs.	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
AAAANS2	Soil	0-6"	11/06/97 1525 hrs.	Total PCB/ 3.1 N D	Transect AAAA

TABLE 8

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 6, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
AAAANS3	Soil	0-6"	11/06/97 1525 hrs.	Total PCB/ 5.1 N D	Dupl. of AAAANS1
AAAAND1	Soil	18-24"	11/06/97 1530 hrs.	Total PCB/ 8.7 N J D	Transect AAAA
AAAAND2	Soil	9-15"	11/06/97 1536 hrs.	Total PCB/ 3.5 N D	Transect AAAA
AAAASED(S)	Sediment	0-6"	11/06/97 1520 hrs.	Total PCB/ 25.0 N J	Transect AAAA
AAAASS1	Soil	0-6"	11/06/97 1521 hrs.	Total PCB/ 7.0 N D	Transect AAAA
AAAASS2	Soil	0-6"	11/06/97 1527 hrs.	Total PCB/ 6.0 N D	Transect AAAA
BBBBNS1	Soil	0-6"	11/06/97 1500 hrs.	Total PCB/ 5.4 N D	Transect BBBB
BBBBNS2	Soil	0-6"	11/06/97 1500 hrs.	Total PCB/ 3.9 N D	Transect BBBB
BBBBND1	Soil	18-24"	11/06/97 1500 hrs.	Total PCB/ 0.76 N J D	Transect BBBB
BBBBND2	Soil	18-24"	11/06/97 1500 hrs.	Total PCB/ 0.079 N J	Transect BBBB
BBBBSED(S)	Sediment	0-6"	11/06/97 1500 hrs.	Total PCB/ 5.0 N J	Transect BBBB
BBBBSED(D)	Sediment	18-24"	11/06/97 1500 hrs.	Total PCB/ 0.063 N	Transect BBBB

TABLE 8

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 6, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
BBBBSS1	Soil	0-6"	11/06/97 1505 hrs.	Total PCB/ 2.6 N J D	Transect BBBB
BBBBSS2	Soil	0-6"	11/06/97 1505 hrs.	Total PCB/ 0.4 N J	Transect BBBB
BBBBSD1	Soil	18-24"	11/06/97 1510 hrs.	Total PCB/ 9.3 N J D	Transect BBBB
BBBBSD2	Soil	18-24"	11/06/97 1510 hrs.	Total PCB/ 1.2 N J D	Transect BBBB
RB2	Aqueous	N/A	11/06/97 1630 hrs.	Total PCB/ U	Rinsate Blank

Notes:

1. Proposed samples EEESED(D), XXXSED(D), ZZZSED(D) and AAAASED(D) were not collected due to the presence of shale at 6" below the bottom of the streambed.

2. Proposed samples CCCSD1, CCCSD2, DDDND1, AAAASD1, and AAAASD2 were not collected due to the presence of first groundwater at a depth of 6" below ground surface.

3. Data Qualifiers

   U - non-detected compound
   J - estimated value
   N - presumptive evidence of a compound
   D - value taken from analysis with a higher dilution factor

TABLE 9

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
CCCCNS1	Soil	0-6"	12/03/97 0955 hrs.	Total PCB/ 4.8	Transect CCCC
CCCCNS2	Soil	0-6"	12/03/97 0955 hrs.	Total PCB/ 4.1	Transect CCCC
CCCCND1	Soil	18-24"	12/03/97 1000 hrs.	Total PCB/ 0.64	Transect CCCC
CCCCND2	Soil	12-18"	12/03/97 1000 hrs.	Total PCB/ 11	Transect CCCC
CCCCSED(S)	Sediment	0-6"	12/03/97 1503 hrs.	Total PCB/ 0.92 J	Transect CCCC
CCCCSED(D)	Sediment	18-24"	12/03/97 1505 hrs.	Total PCB/ 0.43 J	Transect CCCC
CCCCSS1	Soil	0-6"	12/03/97 0940 hrs.	Total PCB/ 0.14	Transect CCCC
CCCCSS2	Soil	0-6"	12/03/97 0940 hrs.	Total PCB/ U	Transect CCCC
CCCCSD1	Soil	18-24"	12/03/97 0942 hrs.	Total PCB/ 1.3	Transect CCCC
CCCCSD2	Soil	18-24"	12/03/97 0946 hrs.	Total PCB/ 0.46	Transect CCCC
CCCCNS3	Soil	0-6"	12/03/97 0955 hrs.	Total PCB/ 3.9	Duplicate of CCCCNS1
CCCCNS1 MS/MSD	Soil	0-6"	12/03/97 0955 hrs.	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.

TABLE 9

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
DDDDNS1	Soil	0-6"	12/03/97 1023 hrs.	Total PCB/ 7.5	Transect DDDD
DDDDNS2	Soil	0-6"	12/03/97 1020 hrs.	Total PCB/ 5.4	Transect DDDD
DDDDND1	Soil	18-24"	12/03/97 1028 hrs.	Total PCB/ 28.0 J	Transect DDDD
DDDDND2	Soil	18-24"	12/03/97 1029 hrs.	Total PCB/ 8.2	Transect DDDD
DDDDSED(S)	Sediment	0-6"	12/03/97 1450 hrs.	Total PCB/ 1.59 J	Transect DDDD
DDDDSED(D)	Sediment	18-24"	12/03/97 1500 hrs.	Total PCB/ 0.05	Transect DDDD
DDDDSS1	Soil	0-6"	12/03/97 0950 hrs.	Total PCB/ 6.8	Transect DDDD
DDDDSS2	Soil	0-6"	12/03/97 0950 hrs.	Total PCB/ 0.096	Transect DDDD
DDDDSD1	Soil	18-24"	12/03/97 1055 hrs.	Total PCB/ 0.12	Transect DDDD
DDDDSD2	Soil	18-24"	12/03/97 0955 hrs.	Total PCB/ 0.31	Transect DDDD
EEEENS1	Soil	0-6"	12/03/97 1040 hrs.	Total PCB/ 1.5 J	Transect EEEE
EEEENS2	Soil	0-6"	12/03/97 1040 hrs.	Total PCB/ U	Transect EEEE

TABLE 9

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
EEEEND1	Soil	6-12"	12/03/97 1050 hrs.	Total PCB/ 1.8 J	Transect EEEE
EEEEND2	Soil	18-24"	12/03/97 1045 hrs.	Total PCB/ U	Transect EEEE
EEEESED(S)	Sediment	0-6"	12/03/97 1445 hrs.	Total PCB/ 0.49	Transect EEEE
EEEESS1	Soil	0-6"	12/03/97 1004 hrs.	Total PCB/ 4.5	Transect EEEE
EEEESS2	Soil	0-6"	12/03/97 1004 hrs.	Total PCB/ 5.2	Transect EEEE
EEEESD1	Soil	18-24"	12/03/97 1006 hrs.	Total PCB/ 4.0	Transect EEEE
EEEESD2	Soil	18-24"	12/03/97 1008 hrs.	Total PCB/ 7.9	Transect EEEE
EEEENS3	Soil	0-6"	12/03/97 1040 hrs.	Total PCB/ 1.1	Duplicate of EEEENS1
EEEENS1 MS/MSD	Soil	0-6"	12/03/97 1040 hrs.	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
FFFFNS1	Soil	0-6"	12/03/97 1105 hrs.	Total PCB/ 4.3	Transect FFFF
FFFFNS2	Soil	0-6"	12/03/97 1105 hrs.	Total PCB/ 0.78	Transect FFFF

TABLE 9

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
FFFFND1	Soil	12-18"	12/03/97 1110 hrs.	Total PCB/ 0.4	Transect FFFF
FFFFND2	Soil	18-24"	12/03/97 1110 hrs.	Total PCB/ 0.24	Transect FFFF
FFFFSED(S)	Sediment	0-6"	12/03/97 1435 hrs.	Total PCB/ 1.3	Transect FFFF
FFFFSS1	Soil	0-6"	12/03/97 1026 hrs.	Total PCB/ 4.4	Transect FFFF
FFFFSS2	Soil	0-6"	12/03/97 1026 hrs.	Total PCB/ 5.3	Transect FFFF
FFFFSD1	Soil	18-24"	12/03/97 1030 hrs.	Total PCB/ 16.0 J	Transect FFFF
FFFFSD2	Soil	18-24"	12/03/97 1033 hrs.	Total PCB/ 13.0 J	Transect FFFF
GGGGNS1	Soil	0-6"	12/03/97 1120 hrs.	Total PCB/ 2.0 J	Transect GGGG
GGGGNS2	Soil	0-6"	12/03/97 1120 hrs.	Total PCB/ 1.7 J	Transect GGGG
GGGGND1	Soil	18-24"	12/03/97 1130 hrs.	Total PCB/ 4.1 J	Transect GGGG
GGGGND2	Soil	18-24"	12/03/97 1125 hrs.	Total PCB/ 12.0 J	Transect GGGG
GGGGSED(S)	Sediment	0-6"	12/03/97 1430 hrs.	Total PCB/ 1.7	Transect GGGG

TABLE 9

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
GGGGSED(D)	Sediment	18-24"	12/03/97 1431 hrs.	Total PCB/ 9.8	Transect GGGG
GGGGSS1	Soil	0-6"	12/03/97 1045 hrs.	Total PCB/ 1.3 J	Transect GGGG
GGGGSS2	Soil	0-6"	12/03/97 1045 hrs.	Total PCB/ 1.4 J	Transect GGGG
GGGGSD1	Soil	18-24"	12/03/97 1050 hrs.	Total PCB/ 16.6 J	Transect GGGG
GGGGNS3	Soil	0-6"	12/03/97 1202 hrs.	Total PCB/ 1.8 J	Duplicate of GGGGNS1
GGGGNS1 MS/MSD	Soil	0-6"	12/03/97 1420 hrs.	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
HHHHNS1	Soil	0-6"	12/03/97 1145 hrs.	Total PCB/ 3.9 J	Transect HHHH
HHHHNS2	Soil	0-6"	12/03/97 1145 hrs.	Total PCB/ 2.4 J	Transect HHHH
HHHHND1	Soil	18-24"	12/03/97 1150 hrs.	Total PCB/ 5.3 J	Transect HHHH
HHHHND2	Soil	18-24"	12/03/97 1148 hrs.	Total PCB/ 28.0 J	Transect HHHH
HHHHSED(S)	Sediment	0-6"	12/03/97 1416 hrs.	Total PCB/ 1.7	Transect HHHH
HHHHSED(D)	Sediment	18-24"	12/03/97 1425 hrs.	Total PCB/ 2.9	Transect HHHH

TABLE 9

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
HHHHSS1	Soil	0-6"	12/03/97 1100 hrs.	Total PCB/ 0.15 J	Transect HHHH
HHHHSS2	Soil	0-6"	12/03/97 1100 hrs.	Total PCB/ 0.2 J	Transect HHHH
HHHHSD1	Soil	18-24"	12/03/97 1102 hrs.	Total PCB/ 0.72 J	Transect HHHH
HHHHSD2	Soil	18-24"	12/03/97 1104 hrs.	Total PCB/ 0.15 J	Transect HHHH
IIIINS1	Soil	0-6"	12/03/97 1158 hrs.	Total PCB/ 2.9 J	Transect IIII
IIIINS2	Soil	0-6"	12/03/97 1158 hrs.	Total PCB/ 5.4 J	Transect IIII
IIIIND2	Soil	18-24"	12/03/97 1205 hrs.	Total PCB/ 1.9 J	Transect IIII
IIIISED(S)	Sediment	0-6"	12/03/97 1407 hrs.	Total PCB/ 0.2	Transect IIII
IIIISED(D)	Sediment	18-24"	12/03/97 1415 hrs.	Total PCB/ 0.065	Transect IIII
IIIISS1	Soil	0-6"	12/03/97 1112 hrs.	Total PCB/ 0.28 J	Transect IIII
IIIISS2	Soil	0-6"	12/03/97 1111 hrs.	Total PCB/ 0.16 J	Transect IIII
IIIISD1	Soil	18-24"	12/03/97 1115 hrs.	Total PCB/ 0.079 J	Transect IIII

TABLE 9

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
IIIISD2	Soil	18-24"	12/03/97 1118 hrs.	Total PCB/ U J	Transect IIII
IIIINS3	Soil	0-6"	12/03/97 1158 hrs.	Total PCB/ 2.6 J	Duplicate of IIIINS1
IIIINS1 MS/MSD	Soil	0-6"	12/03/97 1158 hrs.	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
JJJJNS1	Soil	0-6"	12/03/97 1210 hrs.	Total PCB/ 0.84 J	Transect JJJJ
JJJJNS2	Soil	0-6"	12/03/97 1209 hrs.	Total PCB/ 0.42 J	Transect JJJJ
JJJJND1	Soil	18-24"	12/03/97 1212 hrs.	Total PCB/ 0.17 J	Transect JJJJ
JJJJND2	Soil	18-24"	12/03/97 1215 hrs.	Total PCB/ 1.5 J	Transect JJJJ
JJJJSED(S)	Sediment	0-6"	12/03/97 1400 hrs.	Total PCB/ 0.07	Transect JJJJ
JJJJSED(D)	Sediment	18-24"	12/03/97 1405 hrs.	Total PCB/ 0.028 J	Transect JJJJ
JJJJSS1	Soil	0-6"	12/03/97 1130 hrs.	Total PCB/ 8.5 J	Transect JJJJ
JJJJSS2	Soil	0-6"	12/03/97 1130 hrs.	Total PCB/ 6.7 J	Transect JJJJ
JJJJSD1	Soil	18-24"	12/03/97 1135 hrs.	Total PCB/ 1.4 J	Transect JJJJ

TABLE 9

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
JJJJSD2	Soil	18-24"	12/03/97 1156 hrs.	Total PCB/ 1.4 J	Transect JJJJ
KKKKNS1	Soil	0-6"	12/03/97 1400 hrs.	Total PCB/ 4.9	Transect KKKK
KKKKNS2	Soil	0-6"	12/03/97 1400 hrs.	Total PCB/ 2.8 J	Transect KKKK
KKKKND1	Soil	18-24"	12/03/97 1410 hrs.	Total PCB/ 12.0 J	Transect KKKK
KKKKND2	Soil	18-24"	12/03/97 1405 hrs.	Total PCB/ 8.6 J	Transect KKKK
KKKKSS1	Soil	0-6"	12/03/97 1540 hrs.	Total PCB/ 3.7	Transect KKKK
KKKKSS2	Soil	0-6"	12/03/97 1540 hrs.	Total PCB/ 0.98	Transect KKKK
KKKKSD1	Soil	18-24"	12/03/97 1545 hrs.	Total PCB/ 5.4	Transect KKKK
KKKKNS1 MS/MSD	Soil	0-6"	12/03/97 1400 hrs.	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
KKKKNS3	Soil	0-6"	12/03/97 1400 hrs.	Total PCB/ 6.1	Duplicate of KKKKNS1
LLLLNS1	Soil	0-6"	12/03/97 1418 hrs.	Total PCB/ 2.3 J	Transect LLLL
LLLLNS2	Soil	0-6"	12/03/97 1418 hrs.	Total PCB/ 1.7 J	Transect LLLL

TABLE 9

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
LLLLND1	Soil	18-24"	12/03/97 1423 hrs.	Total PCB/ 7.8	Transect LLLL
LLLLND2	Soil	18-24"	12/03/97 1423 hrs.	Total PCB/ 15.0 J	Transect LLLL
LLLLSS1	Soil	0-6"	12/03/97 1555 hrs.	Total PCB/ 0.19	Transect LLLL
LLLLSS2	Soil	0-6"	12/03/97 1456 hrs.	Total PCB/ 0.18	Transect LLLL
MMMMNS1	Soil	0-6"	12/03/97 1438 hrs.	Total PCB/ 2.2 J	Transect MMMM
MMMMNS2	Soil	0-6"	12/03/97 1438 hrs.	Total PCB/ 1.4	Transect MMMM
MMMMND1	Soil	18-24"	12/03/97 1445 hrs.	Total PCB/ 3.0	Transect MMMM
MMMMND2	Soil	18-24"	12/03/97 1445 hrs.	Total PCB/ 5.1	Transect MMMM
MMMMSS1	Soil	0-6"	12/03/97 1415 hrs.	Total PCB/ 3.6	Transect MMMM
MMMMSS2	Soil	0-6"	12/03/97 1614 hrs.	Total PCB/ Rejected	Transect MMMM
NNNNNS1	Soil	0-6"	12/03/97 1453 hrs.	Total PCB/ 4.3	Transect NNNN
NNNNNS2	Soil	0-6"	12/03/97 1453 hrs.	Total PCB/ 4.6	Transect NNNN

TABLE 9

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
NNNNND1	Soil	18-24"	12/03/97 1457 hrs.	Total PCB/ 2.8 J	Transect NNNN
NNNNND2	Soil	18-24"	12/03/97 1458 hrs.	Total PCB/ 0.32	Transect NNNN
NNNNNS1 MS/MSD	Soil	0-6"	12/03/97 1453 hrs.	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
NNNNNS3	Soil	0-6"	12/03/97 1453 hrs.	Total PCB/ 4.1	Duplicate of NNNNNS1
OOOONS1	Soil	0-6"	12/03/97 1510 hrs.	Total PCB/ 1.6 J	Transect OOOO
OOOONS2	Soil	0-6"	12/03/97 1510 hrs.	Total PCB/ 3.2	Transect OOOO
OOOOND1	Soil	18-24"	12/03/97 1515 hrs.	Total PCB/ 3.5	Transect OOOO
OOOOND2	Soil	18-24"	12/03/97 1515 hrs.	Total PCB/ 12.0	Transect OOOO
PPPPNS1	Soil	0-6"	12/03/97 1525 hrs.	Total PCB/ 3.6	Transect PPPP
PPPPNS2	Soil	0-6"	12/03/97 1525 hrs.	Total PCB/ 5.8	Transect PPPP
PPPPND1	Soil	18-24"	12/03/97 1532 hrs.	Total PCB/ 2.0 J	Transect PPPP
PPPPND2	Soil	18-24"	12/03/97 1530 hrs.	Total PCB/ 6.4	Transect PPPP

TABLE 9

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
QQQQNS1	Soil	0-6"	12/03/97 1540 hrs.	Total PCB/ 4.1	Transect QQQQ
QQQQNS2	Soil	0-6"	12/03/97 1540 hrs.	Total PCB/ 4.0	Transect QQQQ
QQQQND1	Soil	18-24"	12/03/97 1546 hrs.	Total PCB/ 11.0 J	Transect QQQQ
QQQQND2	Soil	18-24"	12/03/97 1546 hrs.	Total PCB/ 12.0 J	Transect QQQQ
QQQQNS1 MS/MSD	Soil	0-6"	12/03/97 1540 hrs.	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
QQQQNS3	Soil	0-6"	12/03/97 1540 hrs.	Total PCB/ 4.1	Duplicate of QQQQNS1
RB1	Aqueous	N/A	12/03/97 1630 hrs.	Total PCB/ U	Rinsate Blank

Notes:

1. Proposed samples EEEESED(D) and FFFFSED(D) were not collected due to the presence of shale at 6" below the bottom of the streambed.

2. Proposed samples GGGGSD2 and IIIIND1 were not collected due to the presence of first groundwater at a depth of 6" below ground surface.

3. Proposed samples KKKKSD2, LLLLSD1, LLLLSD2, MMMMSD1 and MMMMSD2 were not collected due to the presence of rock/fill at a depth of 6" below ground surface.

4. Data Qualifiers

U - non-detected compound
J - estimated value
N - presumptive evidence of a compound
D - value taken from analysis with a higher dilution factor

TABLE 10

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 4, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
KKKKSED(S)	Sediment	0-6"	12/04/97 1215 hrs.	Total PCB/ 22.0 J	Transect KKKK
KKKKSED(D)	Sediment	18-24"	12/04/97 1220 hrs.	Total PCB/ 12.0	Transect KKKK
LLLLSED(S)	Sediment	0-6"	12/04/97 1220 hrs.	Total PCB/ 0.59 J	Transect LLLL
LLLLSED(D)	Sediment	18-24"	12/04/97 1225 hrs.	Total PCB/ 0.066 J	Transect LLLL
MMMMSED(S)	Sediment	0-6"	12/04/97 1213 hrs.	Total PCB/ 0.059	Transect MMMM
MMMMSED(D)	Sediment	18-24"	12/04/97 1215 hrs.	Total PCB/ U	Transect MMMM
NNNNSED(S)	Sediment	0-6"	12/04/97 1155 hrs.	Total PCB/ 0.43 J	Transect NNNN
NNNNSED(D)	Sediment	18-24"	12/04/97 1200 hrs.	Total PCB/ U J	Transect NNNN
NNNNSS1	Soil	0-6"	12/04/97 1155 hrs.	Total PCB/ 4.5	Transect NNNN
NNNNSS2	Soil	0-6"	12/04/97 1155 hrs.	Total PCB/ 2.3 J	Transect NNNN
NNNNSD1	Soil	18-24"	12/04/97 1200 hrs.	Total PCB/ 7.1	Transect NNNN
NNNNSD2	Soil	18-24"	12/04/97 1200 hrs.	Total PCB/ 1.6 J	Transect NNNN

TABLE 10

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 4, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
OOOOSED(S)	Sediment	0-6"	12/04/97 1140 hrs.	Total PCB/ 0.11 J	Transect OOOO
OOOOSED(D)	Sediment	18-24"	12/04/97 1143 hrs.	Total PCB/ 0.13 J	Transect OOOO
OOOOSS1	Soil	0-6"	12/04/97 1132 hrs.	Total PCB/ 1.4 J	Transect OOOO
OOOOSS2	Soil	0-6"	12/04/97 1132 hrs.	Total PCB/ 2.2 J	Transect OOOO
OOOOSD1	Soil	18-24"	12/04/97 1137 hrs.	Total PCB/ 2.4 J	Transect OOOO
OOOOSD2	Soil	18-24"	12/04/97 1140 hrs.	Total PCB/ 0.26 J	Transect OOOO
OOOOSS1 MS/MSD	Soil	0-6"	12/04/97 1132 hrs.	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
OOOOSS3	Soil	0-6"	12/04/97 1132 hrs.	Total PCB/ 1.5 J	Duplicate of OOOOSS1
PPPPSED(S)	Sediment	0-6"	12/04/97 1131 hrs.	Total PCB/ U J	Transect PPPP
PPPPSED(D)	Sediment	18-24"	12/04/97 1134 hrs.	Total PCB/ U J	Transect PPPP
PPPPSS1	Soil	0-6"	12/04/97 1114 hrs.	Total PCB/ 1.75 J	Transect PPPP
PPPPSS2	Soil	0-6"	12/04/97 1114 hrs.	Total PCB/ 1.4	Transect PPPP

TABLE 10

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 4, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
PPPPSD1	Soil	18-24"	12/04/97 1119 hrs.	Total PCB/ 1.5	Transect PPPP
PPPPSD2	Soil	18-24"	12/04/97 1120 hrs.	Total PCB/ 0.76 J	Transect PPPP
QQQQSED(S)	Sediment	0-6"	12/04/97 1125 hrs.	Total PCB/ 0.98	Transect QQQQ
QQQQSED(D)	Sediment	18-24"	12/04/97 1130 hrs.	Total PCB/ 0.44	Transect QQQQ
QQQQSS1	Soil	0-6"	12/04/97 1055 hrs.	Total PCB/ 1.7 J	Transect QQQQ
QQQQSS2	Soil	0-6"	12/04/97 1055 hrs.	Total PCB/ 0.69	Transect QQQQ
QQQQSD1	Soil	18-24"	12/04/97 1100 hrs.	Total PCB/ 2.7 J	Transect QQQQ
QQQQSD2	Soil	18-24"	12/04/97 1110 hrs.	Total PCB/ 2.7 J	Transect QQQQ
RRRRNS1	Soil	0-6"	12/04/97 0908 hrs.	Total PCB/ 0.98 J	Transect RRRR
RRRRNS2	Soil	0-6"	12/04/97 0908 hrs.	Total PCB/ 1.1 J	Transect RRRR
RRRRND1	Soil	18-24"	12/04/97 0915 hrs.	Total PCB/ 2.43 J	Transect RRRR

TABLE 10

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 4, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
RRRRND2	Soil	6-12"	12/04/97 0913 hrs.	Total PCB/ 2.69 J	Transect RRRR
RRRRSED(S)	Sediment	0-6"	12/04/97 1055 hrs.	Total PCB/ 0.16	Transect RRRR
RRRRSED(D)	Sediment	18-24"	12/04/97 1100 hrs.	Total PCB/ 0.94	Transect RRRR
RRRRSS1	Soil	0-6"	12/04/97 1106 hrs.	Total PCB/ 8.6 J	Transect RRRR
RRRRSS2	Soil	0-6"	12/04/97 1106 hrs.	Total PCB/ 0.98 J	Transect RRRR
RRRRSD2	Soil	18-24"	12/04/97 1114 hrs.	Total PCB/ 1.24 J	Transect RRRR
RRRRNS1 MS/MSD	Soil	0-6"	12/04/97 0908 hrs.	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
RRRRNS3	Soil	0-6"	12/04/97 0908 hrs.	Total PCB/ 1.1 J	Duplicate of RRRRNS1
SSSSNS1	Soil	0-6"	12/04/97 0925 hrs.	Total PCB/ 0.39 J	Transect SSSS
SSSSNS2	Soil	0-6"	12/04/97 0925 hrs.	Total PCB/ 0.18 J	Transect SSSS
SSSSND1	Soil	18-24"	12/04/97 0930 hrs.	Total PCB/ 0.032 J	Transect SSSS
SSSSND2	Soil	18-24"	12/04/97 0930 hrs.	Total PCB/ 0.034 J	Transect SSSS

TABLE 10

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 4, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
SSSSSED(S)	Sediment	0-6"	12/04/97 1034 hrs.	Total PCB/ 0.19	Transect SSSS
SSSSSED(D)	Sediment	18-24"	12/04/97 1040 hrs.	Total PCB/ 0.36	Transect SSSS
SSSSSS1	Soil	0-6"	12/04/97 1043 hrs.	Total PCB/ 1.4 J	Transect SSSS
SSSSSS2	Soil	0-6"	12/04/97 1042 hrs.	Total PCB/ 1.4 J	Transect SSSS
SSSSSD1	Soil	18-24"	12/04/97 1047 hrs.	Total PCB/ 5.9 J	Transect SSSS
SSSSSD2	Soil	18-24"	12/04/97 1050 hrs.	Total PCB/ 1.5 J	Transect SSSS
TTTTNS1	Soil	0-6"	12/04/97 0942 hrs.	Total PCB/ 0.54 J	Transect TTTT
TTTTNS2	Soil	0-6"	12/04/97 0942 hrs.	Total PCB/ 0.064 J	Transect TTTT
TTTTND1	Soil	6-12"	12/04/97 0950 hrs.	Total PCB/ 0.24 J	Transect TTTT
TTTTND2	Soil	18-24"	12/04/97 0947 hrs.	Total PCB/ U J	Transect TTTT
TTTTSED(S)	Sediment	0-6"	12/04/97 1018 hrs.	Total PCB/ 1.6 J	Transect TTTT
TTTTSED(D)	Sediment	18-24"	12/04/97 1026 hrs.	Total PCB/ 4.0	Transect TTTT

TABLE 10

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 4, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
TTTTSS1	Soil	0-6"	12/04/97 1003 hrs.	Total PCB/ 2.5	Transect TTTT
TTTTSS2	Soil	0-6"	12/04/97 1003 hrs.	Total PCB/ 1.4	Transect TTTT
TTTTSD1	Soil	18-24"	12/04/97 1008 hrs.	Total PCB/ 2.3 J	Transect TTTT
TTTTSD2	Soil	18-24"	12/04/97 1012 hrs.	Total PCB/ 1.2	Transect TTTT
TTTTNS1 MS/MSD	Soil	0-6"	12/04/97 0942 hrs.	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
TTTTNS3	Soil	0-6"	12/04/97 0942 hrs.	Total PCB/ 0.8 J	Duplicate of TTTTNS1
UUUUNS1	Soil	0-6"	12/04/97 1010 hrs.	Total PCB/ 0.32	Transect UUUU
UUUUNS2	Soil	0-6"	12/04/97 1010 hrs.	Total PCB/ U	Transect UUUU
UUUUND1	Soil	6-12"	12/04/97 1017 hrs.	Total PCB/ U	Transect UUUU
UUUUND2	Soil	18-24"	12/04/97 1017 hrs.	Total PCB/ U	Transect UUUU
UUUUSED(S)	Sediment	0-6"	12/04/97 0950 hrs.	Total PCB/ 1.0	Transect UUUU
UUUUSED(D)	Sediment	18-24"	12/04/97 0952 hrs.	Total PCB/ 0.64 J	Transect UUUU

TABLE 10

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 4, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
UUUUSS1	Soil	0-6"	12/04/97 0940 hrs.	Total PCB/ 1.9	Transect UUUU
UUUUSS2	Soil	0-6"	12/04/97 0942 hrs.	Total PCB/ 1.9	Transect UUUU
UUUUSD1	Soil	18-24"	12/04/97 0945 hrs.	Total PCB/ 5.2	Transect UUUU
UUUUSD2	Soil	18-24"	12/04/97 0946 hrs.	Total PCB/ 7.0 J	Transect UUUU
VVVVNS1	Soil	0-6"	12/04/97 1005 hrs.	Total PCB/ 1.7	Transect VVVV
VVVVNS2	Soil	18-24"	12/04/97 1010 hrs.	Total PCB/ 2.0	Transect VVVV
VVVVND1	Soil	18-24"	12/04/97 1009 hrs.	Total PCB/ 0.95	Transect VVVV
VVVVND2	Soil	0-6"	12/04/97 1000 hrs.	Total PCB/ 4.6	Transect VVVV
VVVVSED(S)	Sediment	18-24"	12/04/97 1002 hrs.	Total PCB/ U	Transect VVVV
VVVVSED(D)	Sediment	0-6"	12/04/97 1000 hrs.	Total PCB/ U	Transect VVVV
VVVVSS1	Soil	0-6"	12/04/97 1006 hrs.	Total PCB/ 1.6 J	Transect VVVV
VVVVSS2	Soil	18-24"	12/04/97 1005 hrs.	Total PCB/ 2.4 J	Transect VVVV

TABLE 10

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 4, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS/ CONC. (ppm)	LOCATION
VVVVSD2	Soil	0-6"	12/04/97 0945 hrs.	Total PCB/ U J	Transect VVVV
VVVVNS1 MS/MSD	Soil	0-6"	12/04/97 0945 hrs.	Total PCB/ N/A	Matrix spike/ Matrix spike dupl.
VVVVNS3	Soil	0-6"	12/04/97 0940 hrs.	Total PCB/ 1.4	Duplicate of VVVVNS1
RB2	Aqueous	N/A	12/04/97 1250 hrs.	Total PCB/ U	Rinsate Blank

Notes:

1. Proposed samples RRRRSD1 and VVVVSD1 were not collected due to the presence of first groundwater at a depth of 6" below ground surface.

2. Data Qualifiers

   U - non-detected compound
   J - estimated value
   N - presumptive evidence of a compound
   D - value taken from analysis with a higher dilution factor

APPENDIX 2

TRIP REPORTS

AUGUST 25, 1997
SEPTEMBER 3, 1997
SEPTEMBER 8, 1997
OCTOBER 1, 1997
OCTOBER 21, 1997
NOVEMBER 17, 1997
DECEMBER 18, 1997

Roy F. Weston, Inc.
Federal Programs Division
Suite 201
1090 King Georges Post Road
Edison, New Jersey 08837-3703
908-225-6116 • Fax 908-225-7037

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019

August 25, 1997

Mr. Dan Harkay
U.S. Environmental Protection Agency
Removal Action Branch
2890 Woodbridge Avenue
Edison, New Jersey 08837

TDD NO: 02-97-02-0015-C
DCN NO: START-02-F-01283
SUBJECT: TRIP REPORT
CORNELL-DUBLIER ELECTRONICS,
SOUTH PLAINFIELD, NEW JERSEY

Dear Mr. Harkay:

Enclosed please find one (1) copy of the Trip Report for the above referenced site. If you have any questions or comments, please contact me at (908) 225-6116.

Sincerely,

ROY F. WESTON, INC.

M. Mahnkopf

Michael Mahnkopf
Project Manager

Enclosure

SAMPLING TRIP REPORT

SITE NAME: Cornell-Dublier Electronics
DCN #: START-02-F-01283
TDD #: 02-97-02-0015-C
PCS #: 2076

SAMPLING DATE: August 14 and 15, 1997

EPA I.D. NO.: GZ

1. Site Location: Former Cornell-Dublier Electronics
333 Hamilton Boulevard
South Plainfield, New Jersey
(See Figures 1 & 2)

2. Sample Descriptions: One-hundred, twelve (112) surface and subsurface soil/sediment samples and two (2) field rinsate blanks were collected and submitted for total polychlorinated biphenyl (PCB) analysis. See Tables 1 and 2 for additional information.

3. Laboratory Receiving Samples:

Analysis	Name and Address of Laboratory
Total PCBs	Chemtech Consulting Group 110 Route 4 Englewood, NJ 07631 (201) 567-6868

4. Sample Dispatch Data:

On August 14, 1997, a total of forty (40) samples were received by Chemtech Consulting personnel at the Region II START office, located in Edison, New Jersey.

On August 15, 1997, a total of seventy-four (74) samples were received by Impulse Courier Service, Inc. personnel at the Region II START office, located in Edison, New Jersey. The samples were received by Impulse for transport to Chemtech.

5. On-Site Personnel:

Name	Representing	Duties on Site
Dan Harkay	US EPA	On-Scene Coordinator

Michael Mahnkopf	Region II START	Project Manager
Ilene Presworsky	Region II START	Sample Management
Hemendra Moradia	Region II START	Sample Technician
Robin Farrell	Roy F. Weston	Sample Technician

6. Additional Comments:

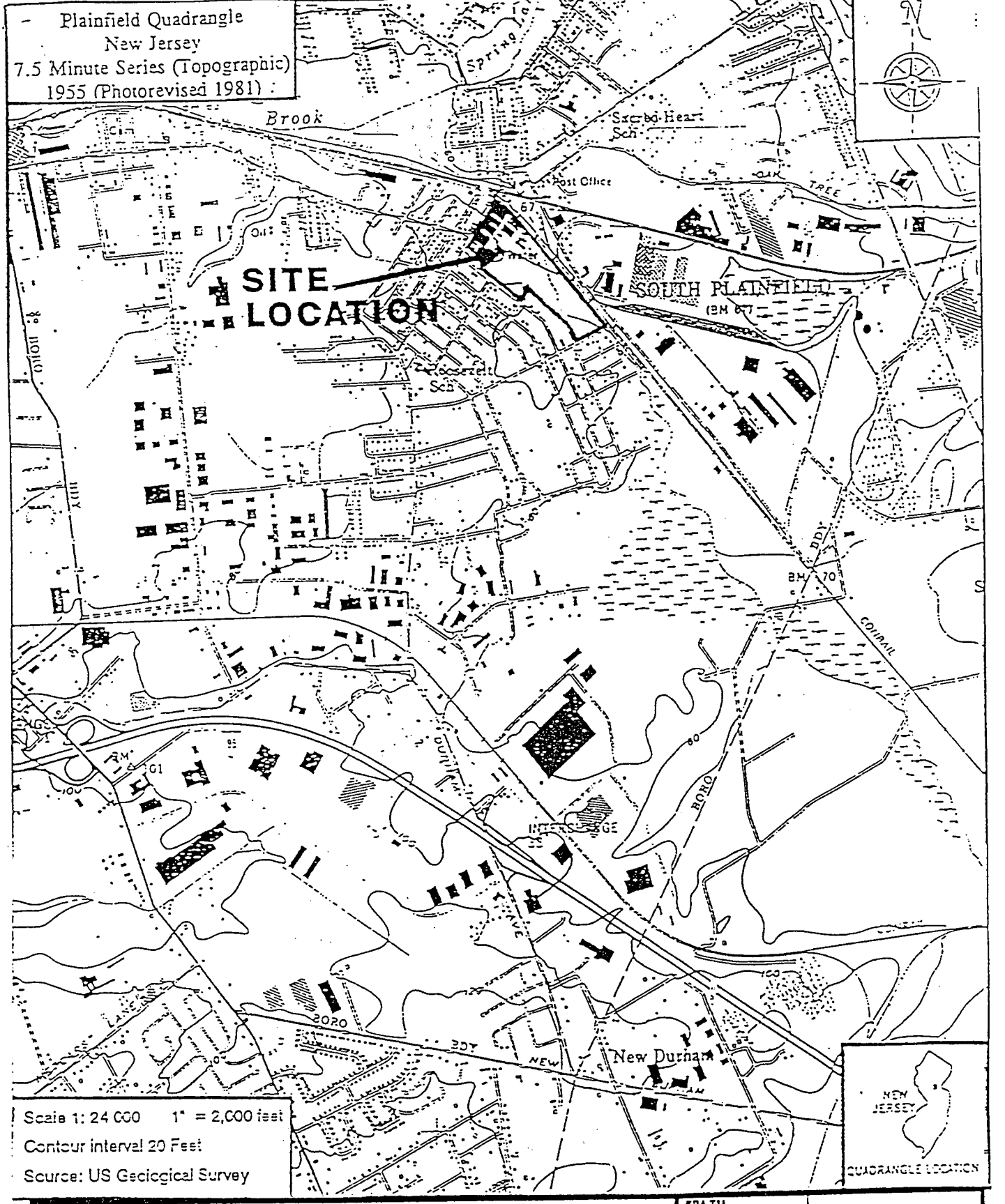
On August 14, 1997, a total of thirty-nine (39) soil/sediment samples were collected from twenty (20) sample boring locations. The thirty-nine (39) samples included fourteen (14) surface soil samples, eleven (11) subsurface soil samples, eight (8) sediment samples, two (2) field duplicates, two (2) matrix spike samples, and two (2) matrix spike duplicate samples. All samples were collected with either dedicated plastic scoops/spatulas or non-dedicated stainless steel hand augers. Additionally, one (1) field rinsate blank was generated and submitted for laboratory analysis.

On August 15, 1997, a total of seventy-three (73) soil/sediment samples were collected from thirty-two (32) sample boring locations. The seventy-three (73) samples included twenty (20) surface soil samples, nineteen (19) subsurface soil samples, twenty-five (25) sediment samples, three (3) field duplicates, three (3) matrix spike samples, and three (3) matrix spike duplicate samples. All samples were collected with either dedicated plastic scoops/spatulas or non-dedicated stainless steel hand augers. Additionally, one (1) field rinsate blank was generated and submitted for laboratory analysis.

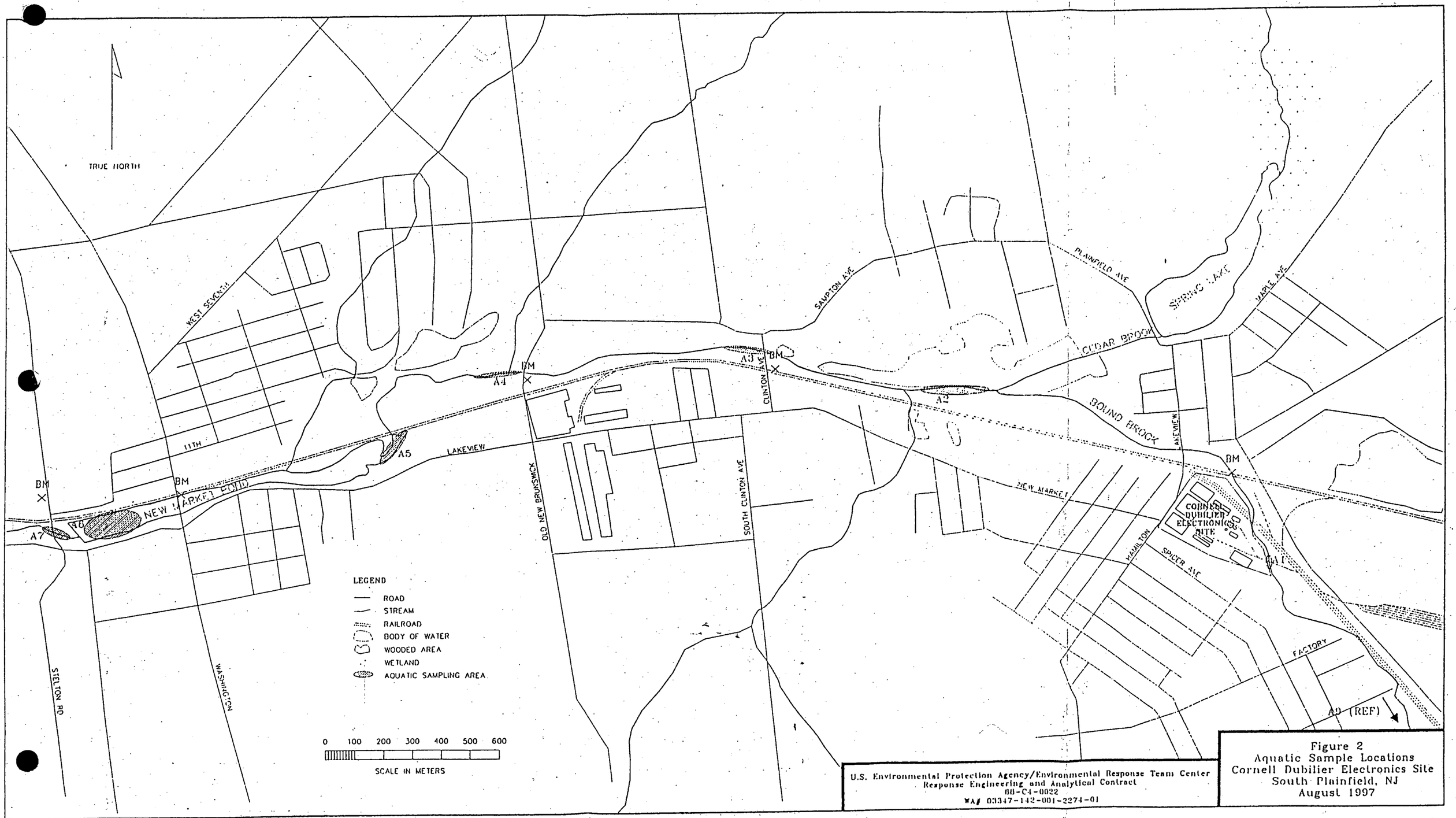
Enclosed as Attachment A are copies of the chain of custody forms.

7. Report prepared by: Michael Mahnkopf MM Date: August 22, 1997

8. Report reviewed by: Thomas O'Neill (TO) Date: August 25, 1997



WESTON MANAGERS DESIGNERS/CONSULTANTS — Roy F. Weston, Inc. FEDERAL PROGRAMS DIVISION	EPA TM: E. WILSON	CORNELL-DUBILIER ELECTRONICS S. PLAINFIELD, NJ
IN ASSOCIATION WITH RESOURCE APPLICATION, Inc. C.C. JOHNSON & MALHOTRA, P.C., R.E. SARRIERA ASSOCIATES, PRC ENVIRONMENTAL MANAGEMENT, AND GRB ENVIRONMENTAL SERVICES, INC.	START PM: M. MAHNKOPF	FIGURE 1 SITE LOCATION MAP



U.S. Environmental Protection Agency/Environmental Response Team Center
Response Engineering and Analytical Contract
68-C4-0022
WA# 03347-142-001-2274-01

Figure 2
Aquatic Sample Locations
Cornell Dubilier Electronics Site
South Plainfield, NJ
August 1997

TABLE 1

CORNELL-DUBLIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

AUGUST 14, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
SWANS1	Soil	0-6"	08/14/97 1110 hrs	Total PCB	Spillway/ Transect A
SWANS1 MS/MSD	"	"	08/14/97 1110 hrs	Total PCB	Matrix spike/ Matrix spike dupl.
SWANS2	"	"	08/14/97 1105 hrs	Total PCB	Spillway/ Transect A
SWANS3	"	"	08/14/97 1120 hrs	Total PCB	Dupl. of SWANS1
SWASED(S)	Sediment	0-6"	08/14/97 1300 hrs	Total PCB	Spillway/ Transect A
SWASED(D)	"	18-24"	08/14/97 1310 hrs	Total PCB	Spillway/ Transect A
SWASS1	Soil	0-6"	08/14/97 1105 hrs	Total PCB	Spillway/ Transect A
SWASS2	"	"	08/14/97 1105 hrs	Total PCB	Spillway/ Transect A
SWASD1	"	18-24"	08/14/97 1110 hrs	Total PCB	Spillway/ Transect A
SWASD2	"	"	08/14/97 1110 hrs	Total PCB	Spillway/ Transect A
SWBNS1	"	0-6"	08/14/97 1115 hrs	Total PCB	Spillway/ Transect B
SWBNS2	"	"	08/14/97 1120 hrs	Total PCB	Spillway/ Transect B

TABLE 1

CORNELL-DUBLIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

AUGUST 14, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
SWBND1	"	18-24"	08/14/97 1205 hrs	Total PCB	Spillway/ Transect B
SWBND2	"	"	08/14/97 1205 hrs	Total PCB	Spillway/ Transect B
SWBSED(S)	Sediment	0-6"	08/14/97 1235 hrs	Total PCB	Spillway/ Transect B
SWBSED(D)	"	18-24"	08/14/97 1235 hrs	Total PCB	Spillway/ Transect B
SWBSS1	Soil	0-6"	08/14/97 1040 hrs	Total PCB	Spillway/ Transect B
SWBSS2	"	"	08/14/97 1040 hrs	Total PCB	Spillway/ Transect B
SWBSD2	"	18-24"	08/14/97 1120 hrs	Total PCB	Spillway/ Transect B
SWCNS1	"	0-6"	08/14/97 1145 hrs	Total PCB	Spillway/ Transect C
SWCNS2	"	"	08/14/97 1145 hrs	Total PCB	Spillway/ Transect C
SWCND1	"	18-24"	08/14/97 1215 hrs	Total PCB	Spillway/ Transect C
SWCND2	"	"	08/14/97 1230 hrs	Total PCB	Spillway/ Transect C
SWCSED(S)	Sediment	0-6"	08/14/97 1215 hrs	Total PCB	Spillway/ Transect C

TABLE 1

CORNELL-DUBLIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

AUGUST 14, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
SWCSED(D)	Sediment	18-24"	08/14/97 1225 hrs	Total PCB	Spillway/ Transect C
SWCSS1	Soil	0-6"	08/14/97 1050 hrs	Total PCB	Spillway/ Transect C
SWCSS2	"	"	08/14/97 1050 hrs	Total PCB	Spillway/ Transect C
SWCSD1	"	18-24"	08/14/97 1125 hrs	Total PCB	Spillway/ Transect C
SWCSD2	"	"	08/14/97 1145 hrs	Total PCB	Spillway/ Transect C
SWDNS1	"	0-6"	08/14/97 1115 hrs	Total PCB	Spillway/ Transect D
SWDND1	"	18-24"	08/14/97 1120 hrs	Total PCB	Spillway/ Transect D
SWDSED(S)	Sediment	0-6"	08/14/97 1105 hrs	Total PCB	Spillway/ Transect D
SWDSED(D)	"	6-12"	08/14/97 1110 hrs	Total PCB	Spillway/ Transect D
SWDSS1	Soil	0-6"	08/14/97 1045 hrs	Total PCB	Spillway/ Transect D
SWDSS1 MS/MSD	"	"	08/14/97 1045 hrs	Total PCB	Matrix spike/Matrix spike dupl.
SWDSS3	"	"	08/14/97 1055 hrs	Total PCB	Dupl. of SWDSS1

TABLE 1

CORNELL-DUBLIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

AUGUST 14, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
SWDSD1	"	6-12"	08/14/97 1045 hrs	Total PCB	Spillway/ Transect D

Notes:

1. Samples SWAND1 and SWAND2 not collected. First groundwater encountered at 6" below ground surface.

2. Sample SWBSD1 not collected. First groundwater encountered at 6" below ground surface.

3. Samples SWDNS2, SWDND2, SWDSS2 and SWDSD2 not collected. Riprap and pavement encountered at proposed sample boring locations.

TABLE 2

CORNELL-DUBLIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

AUGUST 15, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
ASED(S)	Sediment	0-6"	08/15/97 1415 hrs	Total PCB	Bound Brook/ Transect A
ASED(D)	"	18-24"	08/15/97 1420 hrs	Total PCB	Bound Brook/ Transect A
BSED(S)	"	0-6"	08/15/97 1405 hrs	Total PCB	Bound Brook/ Transect B
BSED(D)	"	18-24"	08/15/97 1410 hrs	Total PCB	Bound Brook/ Transect B
CSED(S)	"	0-6"	08/15/97 1405 hrs	Total PCB	Bound Brook/ Transect C
CSED(S) MS/MSD	"	"	08/15/97 1405 hrs	Total PCB	Matrix spike/Matrix spike dupl.
CSED(D)	"	18-24"	08/15/97 1405 hrs	Total PCB	Bound Brook/ Transect C
CSED(S-3)	"	0-6"	08/15/97 1405 hrs	Total PCB	Dupl. of CSED(S)
DSED(S)	"	0-6"	08/15/97 1335 hrs	Total PCB	Bound Brook/ Transect D
DSED(D)	"	18-24"	08/15/97 1400 hrs	Total PCB	Bound Brook/ Transect D
ESED(S)	"	0-6"	08/15/97 1350 hrs	Total PCB	Bound Brook/ Transect E
ESED(D)	"	18-24"	08/15/97 1400 hrs	Total PCB	Bound Brook/ Transect E

TABLE 2

CORNELL-DUBLIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

AUGUST 15, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
FSED(S)	Sediment	0-6"	08/15/97 1345 hrs	Total PCB	Bound Brook/ Transect F
FSED(D)	"	18-24"	08/15/97 1350 hrs	Total PCB	Bound Brook/ Transect F
GSED(S)	"	0-6"	08/15/97 1330 hrs	Total PCB	Bound Brook/ Transect G
GSED(D)	"	12-18"	08/15/97 1345 hrs	Total PCB	Bound Brook/ Transect G
HSED(S)	"	0-6"	08/15/97 1330 hrs	Total PCB	Bound Brook/ Transect H
HSED(D)	"	18-24"	08/15/97 1335 hrs	Total PCB	Bound Brook/ Transect H
INS1	Soil	0-6"	08/15/97 1140 hrs	Total PCB	Bound Brook/ Transect I
INS2	"	0-6"	08/15/97 1135 hrs	Total PCB	Bound Brook/ Transect I
IND1	"	18-24"	08/15/97 1145 hrs	Total PCB	Bound Brook/ Transect I
IND2	"	18-24"	08/15/97 1135 hrs	Total PCB	Bound Brook/ Transect I
ISED(S)	Sediment	0-6"	08/15/97 1135 hrs	Total PCB	Bound Brook/ Transect I
ISED(D)	"	18-24"	08/15/97 1140 hrs	Total PCB	Bound Brook/ Transect I

TABLE 2

CORNELL-DUBLIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

AUGUST 15, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
ISS1	Soil	0-6"	08/15/97 1130 hrs	Total PCB	Bound Brook/ Transect I
ISS2	"	"	08/15/97 1240 hrs	Total PCB	Bound Brook/ Transect I
ISD1	"	18-24"	08/15/97 1135 hrs	Total PCB	Bound Brook/ Transect I
ISD2	"	"	08/15/97 1245 hrs	Total PCB	Bound Brook/ Transect I
JNS1	"	0-6"	08/15/97 1320 hrs	Total PCB	Bound Brook/ Transect J
JNS1 MS/MSD	"	"	08/15/97 1320 hrs	Total PCB	Matrix spike/Matrix spike dupl.
JNS2	"	"	08/15/97 1320 hrs	Total PCB	Bound Brook/ Transect J
JNS3	"	"	08/15/97 1320 hrs	Total PCB	Dupl. of JNS1
JND1	"	6-12"	08/15/97 1330 hrs	Total PCB	Bound Brook/ Transect J
JND2	"	18-24"	08/15/97 1320 hrs	Total PCB	Bound Brook/ Transect J
JSED(S)	Sediment	0-6"	08/15/97 1010 hrs	Total PCB	Bound Brook/ Transect J
JSED(D)	"	12-18"	08/15/97 1020 hrs	Total PCB	Bound Brook/ Transect J

TABLE 2

CORNELL-DUBLIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

AUGUST 15, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
JSS1	Soil	0-6"	08/15/97 1030 hrs	Total PCB	Bound Brook/ Transect J
JSS2	"	"	08/15/97 1030 hrs	Total PCB	Bound Brook/ Transect J
JSD1	"	6-12"	08/15/97 1030 hrs	Total PCB	Bound Brook/ Transect J
JSD2	"	"	08/15/97 1030 hrs	Total PCB	Bound Brook/ Transect J
KNS1	"	0-6"	08/15/97 1110 hrs	Total PCB	Bound Brook/ Transect K
KNS2	"	"	08/15/97 1115 hrs	Total PCB	Bound Brook/ Transect K
KND1	"	6-12"	08/15/97 1110 hrs	Total PCB	Bound Brook/ Transect K
KND2	"	18-24"	08/15/97 1120 hrs	Total PCB	Bound Brook/ Transect K
KSED(S)	Sediment	0-6"	08/15/97 1035 hrs	Total PCB	Bound Brook/ Transect K
KSS1	Soil	0-6"	08/15/97 1100 hrs	Total PCB	Bound Brook/ Transect K
KSS2	"	"	08/15/97 1105 hrs	Total PCB	Bound Brook/ Transect K
KSD1	"	18-24"	08/15/97 1100 hrs	Total PCB	Bound Brook/ Transect K

TABLE 2

CORNELL-DUBLIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

AUGUST 15, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
KSD2	Soil	18-24"	08/15/97 1105 hrs	Total PCB	Bound Brook/ Transect K
LNS1	"	0-6"	08/15/97 1110 hrs	Total PCB	Bound Brook/ Transect L
LNS2	"	0-6"	08/15/97 1100 hrs	Total PCB	Bound Brook/ Transect L
LND1	"	6-12"	08/15/97 1105 hrs	Total PCB	Bound Brook/ Transect L
LSED(S)	Sediment	0-6"	08/15/97 1315 hrs	Total PCB	Bound Brook/ Transect L
LSED(D)	"	6-12"	08/15/97 1330 hrs	Total PCB	Bound Brook/ Transect L
LSS1	Soil	0-6"	08/15/97 1120 hrs	Total PCB	Bound Brook/ Transect L
LSS2	"	"	08/15/97 1120 hrs	Total PCB	Bound Brook/ Transect L
LSD1	"	18-24"	08/15/97 1120 hrs	Total PCB	Bound Brook/ Transect L
LSD2	"	"	08/15/97 1120 hrs	Total PCB	Bound Brook/ Transect L
MNS1	"	0-6"	08/15/97 0955 hrs	Total PCB	Bound Brook/ Transect M
MNS2	"	"	08/15/97 0950 hrs	Total PCB	Bound Brook/ Transect M

TABLE 2

CORNELL-DUBLIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

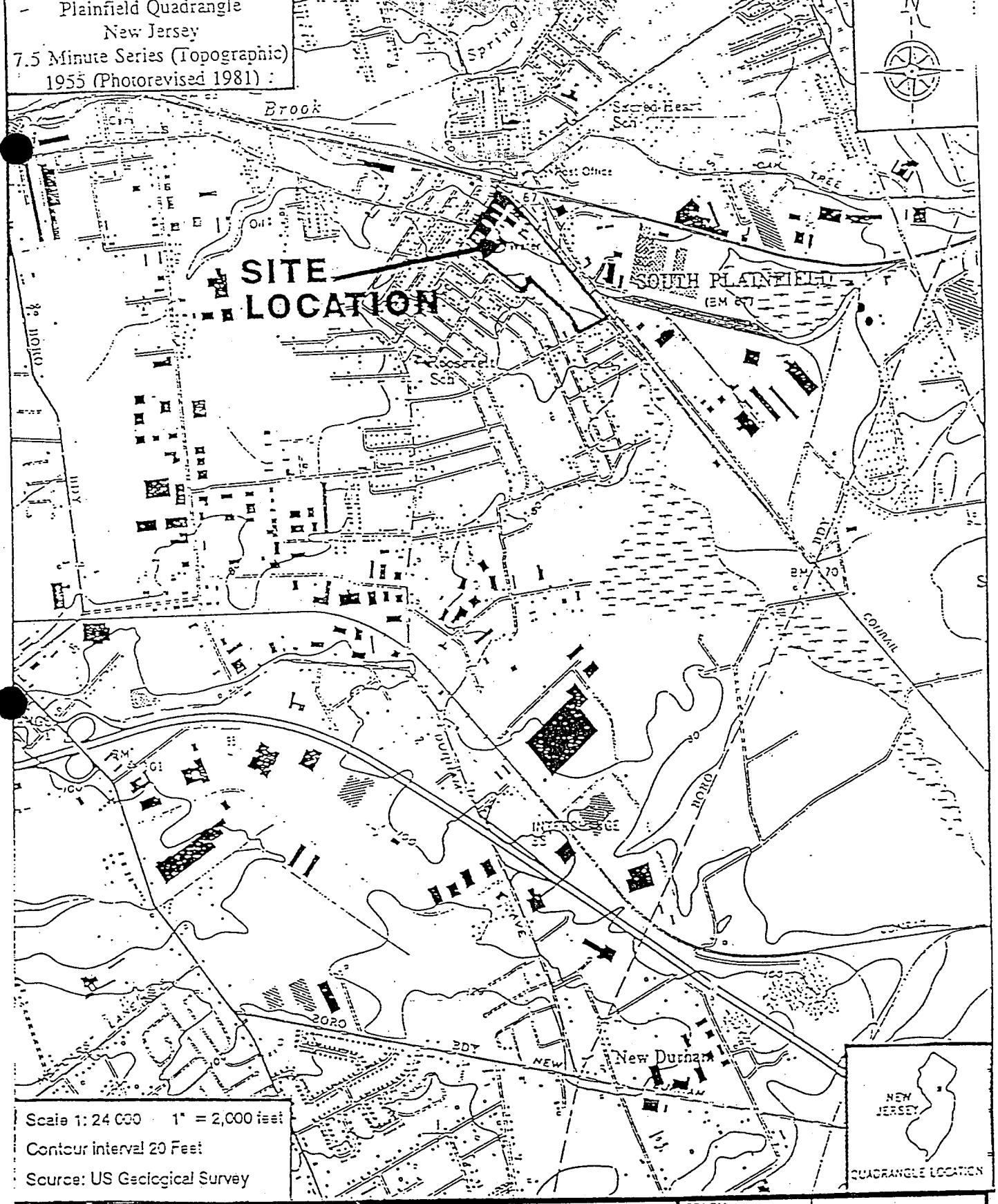
AUGUST 15, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
MND1	Soil	18-24"	08/15/97 0905 hrs	Total PCB	Bound Brook/ Transect M
MND2	"	"	08/15/97 1000 hrs	Total PCB	Bound Brook/ Transect M
MSED(S)	Sediment	0-6"	08/15/97 1015 hrs	Total PCB	Bound Brook/ Transect M
MSED(D)	"	18-24"	08/15/97 1030 hrs	Total PCB	Bound Brook/ Transect M
MSS1	Soil	0-6"	08/15/97 0955 hrs	Total PCB	Bound Brook/ Transect M
MSS1 MS/MSD	"	"	08/15/97 0955 hrs	Total PCB	Bound Brook/ Transect M
MSS2	"	"	08/15/97 1000 hrs	Total PCB	Bound Brook/ Transect M
MSS3	"	"	08/15/97 0955 hrs	Total PCB	Dupl. of MSS1
MSD1	"	18-24"	08/15/97 1005 hrs	Total PCB	Bound Brook/ Transect M
MSD2	"	"	08/15/97 1025 hrs	Total PCB	Bound Brook/ Transect M

Notes:

1. Samples KSED(D) not collected. Shale encountered at 6" below ground surface.

2. Sample LND2 not collected. First groundwater encountered at 6" below ground surface.



WESTON MANAGERS DESIGNERS/CONSULTANTS Roy F. Weston, Inc. FEDERAL PROGRAMS DIVISION	EPA TM E. WILSON	CORNELL-DUBILIER ELECTRONICS S. PLAINFIELD, NJ
IN ASSOCIATION WITH RESOURCE APPLICATION, Inc. C.C. JOHNSON & MALHOTRA, P.C., R.E. SARRIERA ASSOCIATES, PRC ENVIRONMENTAL MANAGEMENT, AND GRB ENVIRONMENTAL SERVICES, INC.	START PM M. MAHNKOPF	FIGURE 1 SITE LOCATION MAP

ATTACHMENT A

CHAIN OF CUSTODY FORM

CHAIN OF CUSTODY RECORD

No.: 2090

No.: 33814

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservation
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

and verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS KIN	COR	REAC	OTHER
WANS2	08/14/97/1105	5	4M	G	6				✓						
WANS1	08/14/97/1110								✓						
WASEDS	08/14/97/1300								✓						
WASEDD	08/14/97/1310								✓						
SWASS1	08/14/97/1105								✓						
SWASS2	08/14/97/1105								✓						
SWASD1	08/14/97/1110								✓						
SWASD2	08/14/97/1110								✓						
SWANS3	08/14/97/1120								✓						
SWBNS2	08/14/97/1120								✓						
SWBND2	08/14/97/1205								✓						

Comments: Triple volume taken for MS/MSD for sample No. SWANS1 & SWDSS1

Person Assuming Responsibility for Sample: Eileen A Preswansky

Time: 1445 Date (MM/DD/YY): 8/14/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	Eileen A Preswansky	1700	8/14	[signature]	Shipment to Lab

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

EP No.: 2090	
D No.: 83[illegible]14	

Matrix Box No.:	Preservative Box
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

end verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
SWBNS1	08/14/97/1115	5	L/M	G	6				✓						
SWBND1	08/14/97/1205								✓						
SWBSEDS	08/14/97/1235								✓						
SWBSEDD	08/14/97/1235								✓						
SWBSS1	08/14/97/1040								✓						
SWBSS2	08/14/97/1040								✓						
SWBSD2	08/14/97/1120								✓						
SWCNS2	08/14/97/1150								✓						
SWCND2	08/14/97/1230								✓						
SWCNS1	08/14/97/1145								✓						
SWCND1	08/14/97/1215								✓						

Comments: Triple volume taken for MS MSD for sample No SWANS1 and SWDSS1

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
Eileen A Preswarsky	1445	8/14/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	Eileen A Preswarsky	1700	8/14	[signature]	Shipment to Lab

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

P.No.: 2090

D No.: 83[redacted]4

CHAIN OF CUSTODY RECORD

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

1. Surface Water
2. Ground Water
3. Leachate
4. Rinsate
5. Soil/Sediment
6. Oil
7. Waste
8. Other (Specify)

1. HCl
2. HNO3
3. Na2SO4
4. H2SO4
5. Other (Specify)
6. Ice Only
N. Not Preserved
* See Comments

and verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter letter A)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter letter A)	RAS ANALYSES VOA	BNA	PEST	PCB	TAL	CN	RCRA ANALYSES GEN	COR	REAC	OTHER
SWCSED(S)	08/14/97/1215	S	L/M	G	6				✓						
SWCSED(D)	08/14/97/1225								✓						
SWCSS1	08/14/97/1050								✓						
SWCSD1	08/14/97/1125								✓						
SWCSS2	08/14/97/1050								✓						
SWCSD2	08/14/97/1145								✓						
SW[redacted]SS3	08/14/97/1055								✓						
SWDNS1	08/14/97/1115								✓						
SWDND1	08/14/97/1120								✓						
SWDSED(S)	08/14/97/1105								✓						
SWDSED(D)	08/14/97/1110								✓						

Comments: Triple Volume taken for MS/MSD for Sample No SWANS1 and SWDSS1

Person Assuming Responsibility for Sample: Ellene S. Pusowski

Time: 1445 Date (MM/DD/YY): 8/14/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	Ellene S. Pusowski	1700	8/14	[signature]	Shipment to Lab

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

P.No.: 2090

No.: 83[illegible]4

CHAIN OF CUSTODY RECORD

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 904-225-6116 Fax: 904-225-7037

1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

nd verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS KIN	COR	REAC	OTHER
SWDSS1	08/14/97/1045	5	L/M	G	6				✓						
SWDSD1	08/14/97/1055	↓	↓	↓	↓				✓						
RB-1	08/14/97/1010	4	L/M	C	6				✓						

Comments: Triple volume taken for MS/MSD for Sample No. SWDSS1 and SWANS1

Person Assuming Responsibility for Sample: [signature] Time: 1445 Date (MM/DD/YY): 8/14/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	[signature]	1700	8/14	[signature]	Shipment to Lab

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

RFP No.: 2090

PO No.: 8[illegible]14

CHAIN OF CUSTODY RECORD

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.	Preservative Box No.
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
KNS2	8/15/97/1115	5	L/M	G	6										
KND2	8/15/97/1120														
KSED(S)	8/15/97/1035														
KND1	8/15/97/1110														
KNS1	8/15/97/1110														
KSS1	8/15/97/1100														
KSD1	8/15/97/1100														
IND2	8/15/97/1135														
IND1	8/15/97/1145														
ISED(S)	8/15/97/1135														
INS1	8/15/97/1140														

Comments: Analyze for Total PCBs

Person Assuming Responsibility for Sample: Ellen L. Preswansky — Time: 1600 — Date (MM/DD/YY): 8/15/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	Ellen L. Preswansky	1700	8/15		Shipment to Lab

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

FP No.: 02090

PO No.: 83[redacted]4

CHAIN OF CUSTODY RECORD

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS CEN	COR	REAC	OTHER
LSED(S)	8/15/97/1315	5	L/M	G	6				✓						
LSED(D)	8/15/97/1330								✓						
LND1	8/15/97/1105								✓						
LNS2	8/15/97/1100								✓						
LNS1	8/15/97/1110								✓						
LSD2	8/15/97/1120								✓						
L[redacted]D1	8/15/97/1120								✓						
LSS1	8/15/97/1120								✓						
LSS2	8/15/97/1120								✓						
JSED(D)	8/15/97/1020								✓						
JSS1	8/15/97/1030	↓	↓	↓	↓				✓						

Comments: Analyze for Total PCB's

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
Ellen Prusowsky	1600	8/15/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	Ellen Prusowsky	1700	8/15		Shipped to Lab
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
[redacted]					

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

RFP No.: 2090

PO No.: 8[redacted]14

CHAIN OF CUSTODY RECORD

WESTON. MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7057

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	RCRA ANALYSIS TAL	CN	XEN	COR	REAC	OTHER
ISS1	8/15/97/1130	5	LM	G	6				✓						
INS2	8/15/97/1135								✓						
ISD1	8/15/97/1135								✓						
ISD2	8/15/97/1245								✓						
ISS2	8/15/97/1240								✓						
ISED(D)	8/15/97/1410								✓						
[redacted]ED(D)	8/15/97/1410								✓						
BSED(S)	8/15/97/1405								✓						
DSED(D)	8/15/97/1400								✓						
DSED(S)	8/15/97/1355								✓						
FSED(S)	8/15/97/1345								✓						

Comments: Analyze for Total PCBs

Person Assuming Responsibility for Samples	Time	Date (MM/DD/YY)
Ellen Prusowsky	1600	8/15/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	Ellen Prusowsky	1700	8/15		Shipment to Lab
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
[redacted]					

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

FP No.: 2090

O No.: 83[illegible]4

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS KIN	COR	REAC	OTHER
JSD1	8/15/97/1030	5	L/M	G	6				✓						
JSD2	8/15/97/1030								✓						
JSS2	8/15/97/1030								✓						
JSED(S)	8/15/97/1010								✓						
JND2	8/15/97/1320								✓						
JNS3	8/15/97/1320								✓						
J[illegible]S1	8/15/97/1320								✓						Triple Volume Given for MS/MSD
JND1	8/15/97/1330								✓						
JNS2	8/15/97/1320								✓						
KSD2	8/15/97/1105								✓						
KSS2	8/15/97/1105								✓						

Comments: Analyze for Total PCBs

Person Assuming Responsibility for Sample: Ellene A Pruswarsky — Time: 1600 — Date (MM/DD/YY): 8/15/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	Ellene A Pruswarsky	1700	8/15		Shipment to Lab

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

REF No.: 2090

PO No.: 83[illegible]14

CHAIN OF CUSTODY RECORD

WESTON. MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
FSED(D)	8/15/97/1350	5	4M	G	6				✓						
MSED(S)	8/15/97/1330								✓						
MSED(D)	8/15/97/1335								✓						
ASED(D)	8/15/97/1420								✓						
ASED(S)	8/15/97/1415								✓						
GSED(S)	8/15/97/1330								✓						
GSED(D)	8/15/97/1345								✓						
ESED(S)	8/15/97/1350								✓						
ESED(D)	8/15/97/1400								✓						
CSED(S-3)	8/15/97/1435								✓						
CSED(S)	8/15/97/1405	↓	↓	↓	↓				✓						Triple Volume given for MS/MSD

Comments: Analyze for Total PCBs

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
Ellene A Preisworsky	1600	8/15/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	Ellene A Preisworsky	1700	8/15		Shipment to Lab

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

RFP No.: 2090

PO No.: 82[redacted]14

CHAIN OF CUSTODY RECORD

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
MNS2	8/15/97/950	5	L/M	G	6				✓						
MND2	8/15/97/1000								✓						
MNS1	8/15/97/0955								✓						
MND1	8/15/97/0950								✓						
MS ED(S)	8/15/97/1015								✓						
MSED(D)	8/15/97/1030								✓						
M[redacted]1	8/15/97/0955								✓						Triple Volume taken for MS/MSD
MSD1	8/15/97/1005								✓						
MSS2	8/15/97/1000								✓						
MSD2	8/15/97/1025								✓						
MSS3	8/15/97/955	↓	↓	↓	↓				✓						

Comments: Analyze for Total PCBs

Person Assuming Responsibility for Sample: Ellene Presworsky — Time: 1600 — Date (MM/DD/YY): 8/15/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	Ellene Presworsky	1700	8/15		Shipment to Lab

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

RFP No.: 2090

PO No.: 8[illegible]14

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS XEN	COR	REAC	OTHER
CSED(D)	8/15/97/1405	5	LM	G	6				✓						
RB2	8/15/97/0910	4	LM	G	↓				✓						
RB2	8/15/97/0910	4	LM	G	↓				✓						

Comments: Analyze for Total PCBs

Person Assuming Responsibility for Sample: Ellen A Prusowsky — Time: 1600 — Date (MM/DD/YY): 8/15/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	Ellen A Prusowsky	1700	8/15		Shipment to Lab
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

Roy F. Weston, Inc.
Federal Programs Division
Suite 201
1090 King Georges Post Road
Edison, New Jersey 08837-3703
908-225-6116 • Fax 908-225-7037

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019

September 3, 1997

Mr. Dan Harkay
U.S. Environmental Protection Agency
Removal Action Branch
2890 Woodbridge Avenue
Edison, New Jersey 08837

TDD NO: 02-97-02-0015-C
DCN NO: START-02-F-01301
SUBJECT: TRIP REPORT
CORNELL-DUBILIER ELECTRONICS,
SOUTH PLAINFIELD, NEW JERSEY

Dear Mr. Harkay:

Enclosed please find one (1) copy of the Trip Report for the soil/sediment sampling activities conducted at the above referenced site on August 27, 1997. If you have any questions or comments, please contact me at (908) 225-6116.

Sincerely,

ROY F. WESTON, INC.

M. Mahnkopf

Michael Mahnkopf
Project Manager

Enclosure

SAMPLING TRIP REPORT

SITE NAME: Cornell-Dubilier Electronics
DCN #: START-02-F-01301
TDD #: 02-97-02-0015-C
PCS #: 2076

SAMPLING DATE: August 27, 1997

EPA I.D. NO.: GZ

1. Site Location: Former Cornell-Dubilier Electronics
333 Hamilton Boulevard, South Plainfield, New Jersey
(See Figures 1 & 2)

2. Sample Descriptions: Ninety (90) surface and subsurface soil/sediment samples and one (1) field rinsate blank were collected and submitted for total polychlorinated biphenyl (PCB) analysis. See Table 1 for additional information.

3. Laboratory Receiving Samples:

Analysis	Name and Address of Laboratory
Total PCBs	Chemtech Consulting Group 110 Route 4 Englewood, NJ 07631 (201) 567-6868

4. Sample Dispatch Data:

On August 27, 1997, a total of ninety-one (91) samples were received by Impulse Courier Service, Inc. personnel at the Region II START office, located in Edison, New Jersey. The samples were received by Impulse for transport to Chemtech.

5. On-Site Personnel:

Name	Representing	Duties on Site
Dan Harkay	US EPA	On-Scene Coordinator
Michael Mahnkopf	Region II START	Project Manager
Hemandra Moradia	Region II START	Sample Management
Kevin McGarry	Region II START	Sample Technician
Gene Fowler	Region II START	Sample Technician

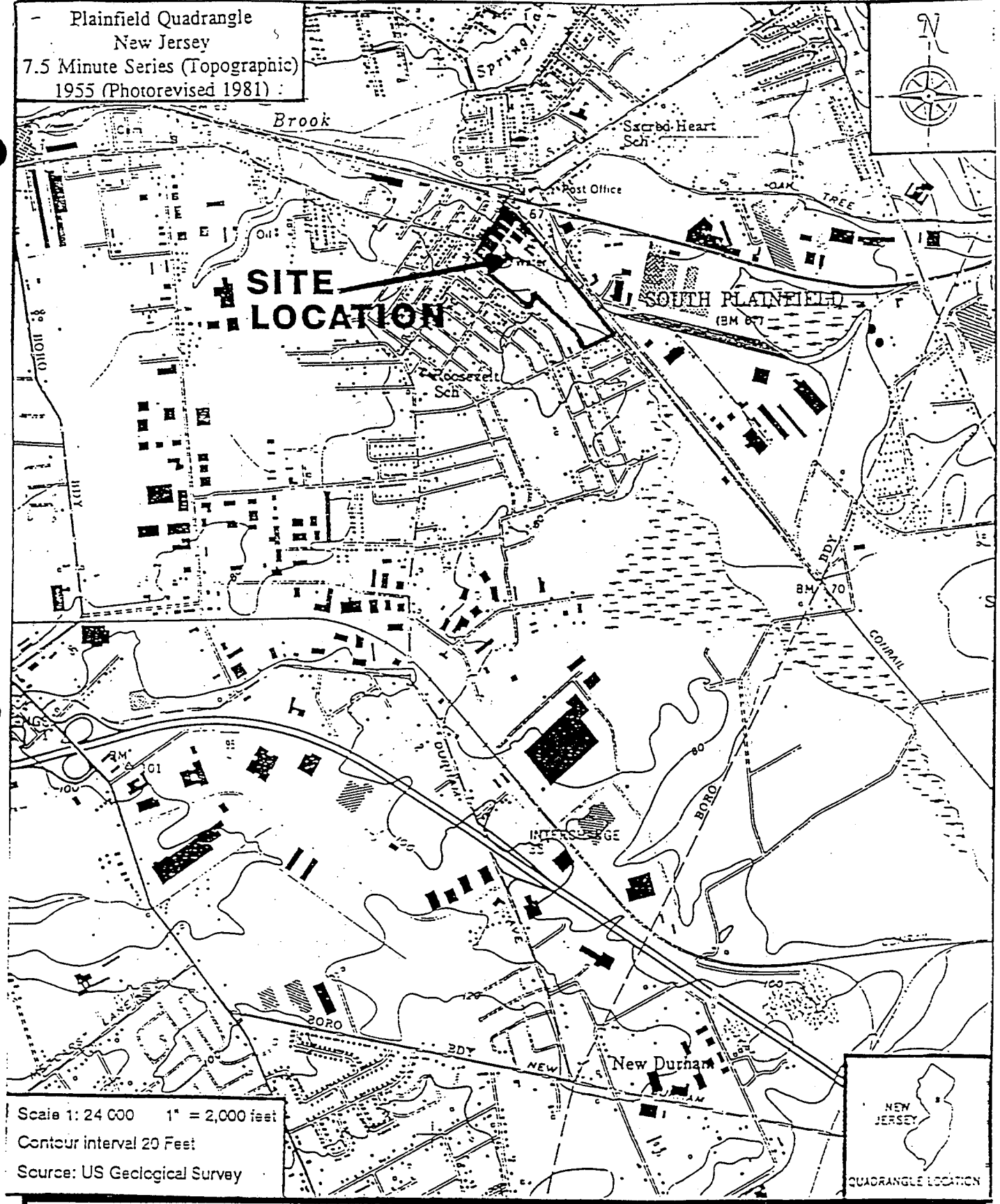
6. Additional Comments:

On August 27, 1997, a total of ninety (90) soil/sediment samples were collected from forty-three (43) sample boring locations. The ninety (90) samples included thirty-two (32) surface soil samples, thirty (30) subsurface soil samples, sixteen (16) sediment samples, four (4) field duplicates, four (4) matrix spike samples, and four (4) matrix spike duplicate samples. All samples were collected with either dedicated plastic scoops/spatulas or non-dedicated stainless steel hand augers. Additionally, one (1) field rinsate blank was generated and submitted for laboratory analysis.

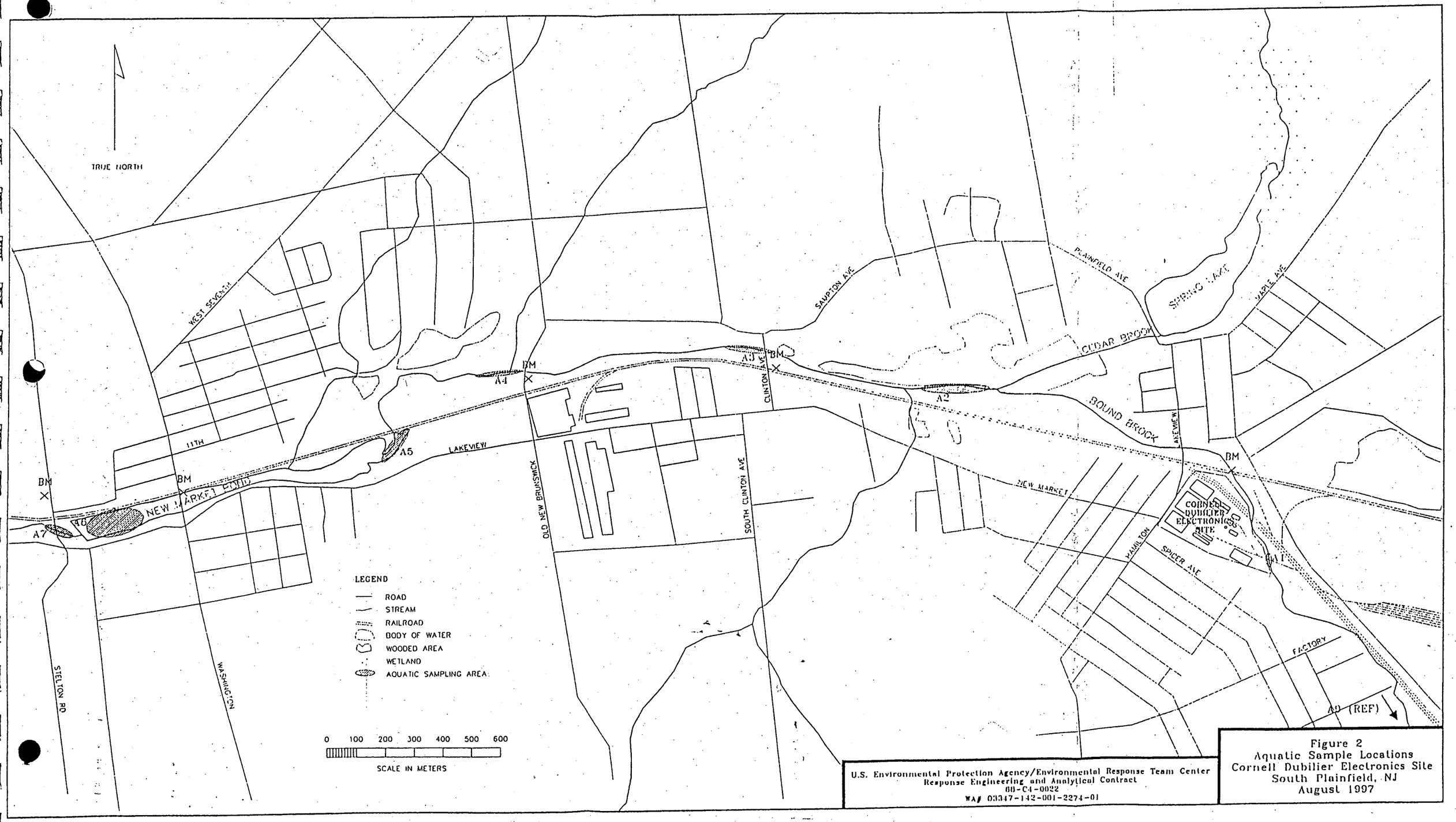
Enclosed as Attachment A are copies of the chain of custody records.

7. Report prepared by: Michael Mahnkopf MM Date: September 3, 1997

8. Report reviewed by: Dennis Foerter DF Date: September 3, 1997



WESTON MANAGERS DESIGNERS/CONSULTANTS **Roy F. Weston, Inc.** **FEDERAL PROGRAMS DIVISION**	EPA TM E. WILSON	CORNELL-DUBILIER ELECTRONICS S. PLAINFIELD, NJ
IN ASSOCIATION WITH RESOURCE APPLICATION, Inc. C.C. JOHNSON & MALHOTRA, P.C., R.E. SARRIERA ASSOCIATES, PRC ENVIRONMENTAL MANAGEMENT, AND GRB ENVIRONMENTAL SERVICES, INC.	START PM M. MAHNKOPF	FIGURE 1 SITE LOCATION MAP



U.S. Environmental Protection Agency/Environmental Response Team Center
Response Engineering and Analytical Contract
68-C4-0022
WA# 03347-142-001-2274-01

Figure 2
Aquatic Sample Locations
Cornell Dubilier Electronics Site
South Plainfield, NJ
August 1997

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

AUGUST 27, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
NSED(S)	Sediment	0-6"	08/27/97 1505 hrs	Total PCB	Bound Brook/ Transect N
NSED(D)	"	12-18"	08/27/97 1515 hrs	Total PCB	Bound Brook/ Transect N
OSED(S)1	"	0-6"	08/27/97 1510 hrs	Total PCB	Bound Brook/ Transect O
OSED(D)1	"	18-24"	08/27/97 1500 hrs	Total PCB	Bound Brook/ Transect O
OSED(S)2	"	0-6"	08/27/97 1510 hrs	Total PCB	Bound Brook/ Transect O
OSED(D)2	"	18-24"	08/27/97 1500 hrs	Total PCB	Bound Brook/ Transect O
PSED(S)	"	0-6"	08/27/97 1500 hrs	Total PCB	Bound Brook/ Transect P
QSED(S)	"	0-6"	08/27/97 1445 hrs	Total PCB	Bound Brook/ Transect Q
RSED(S)	"	0-6"	08/27/97 1435 hrs	Total PCB	Bound Brook/ Transect R
SSED(S)	"	0-6"	08/27/97 1435 hrs	Total PCB	Bound Brook/ Transect S
SSED(D)	"	12-18"	08/27/97 1440 hrs	Total PCB	Bound Brook/ Transect S
TSED(S)	"	0-6"	08/27/97 1450 hrs	Total PCB	Bound Brook/ Transect T

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

AUGUST 27, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
USED(S)	Sediment	0-6"	08/27/97 1420 hrs	Total PCB	Bound Brook/ Transect U
VSED(S)	"	0-6"	08/27/97 1410 hrs	Total PCB	Bound Brook/ Transect V
WSED(S)	"	0-6"	08/27/97 1410 hrs	Total PCB	Bound Brook/ Transect W
WSED(D)	"	6-12"	08/27/97 1415 hrs	Total PCB	Bound Brook/ Transect W
ANS1	Soil	0-6"	08/27/97 1215 hrs	Total PCB	Bound Brook/ Transect A
ANS2	"	0-6"	08/27/97 1215 hrs	Total PCB	Bound Brook/ Transect A
AND2	"	18-24"	08/27/97 1220 hrs	Total PCB	Bound Brook/ Transect A
ASS1	"	0-6"	08/27/97 1150 hrs	Total PCB	Bound Brook/ Transect A
ASS2	"	0-6"	08/27/97 1200 hrs	Total PCB	Bound Brook/ Transect A
ASD1	"	18-24"	08/27/97 1155 hrs	Total PCB	Bound Brook/ Transect A
ASD2	"	18-24"	08/27/97 1205 hrs	Total PCB	Bound Brook/ Transect A
BNS1	"	0-6"	08/27/97 1215 hrs	Total PCB	Bound Brook/ Transect B

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

AUGUST 27, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
BNS1 MS/MSD	Soil	0-6"	08/27/97 1215 hrs	Total PCB	Matrix spike/Matrix spike dupl.
BNS2	"	0-6	08/27/97 1210 hrs	Total PCB	Bound Brook/ Transect B
BNS3	"	0-6"	08/27/97 1215 hrs	Total PCB	Dupl. of BNS1
BND2	"	6-12"	08/27/97 1210 hrs	Total PCB	Bound Brook/ Transect B
BSS1	"	0-6"	08/27/97 1130 hrs	Total PCB	Bound Brook/ Transect B
BSS2	"	0-6"	08/27/97 1130 hrs	Total PCB	Bound Brook/ Transect B
BSD1	"	18-24"	08/27/97 1135 hrs	Total PCB	Bound Brook/ Transect B
BSD2	"	18-24"	08/27/97 1135 hrs	Total PCB	Bound Brook/ Transect B
CNS1	"	0-6"	08/27/97 1200 hrs	Total PCB	Bound Brook/ Transect C
CNS2	"	0-6"	08/27/97 1155 hrs	Total PCB	Bound Brook/ Transect C
CND1	"	6-12"	08/27/97 1205 hrs	Total PCB	Bound Brook/ Transect C
CND2	"	12-18"	08/27/97 1200 hrs	Total PCB	Bound Brook/ Transect C

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

AUGUST 27, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
CSS1	Soil	0-6"	08/27/97 1115 hrs	Total PCB	Bound Brook/ Transect C
CSS2	"	0-6"	08/27/97 1115 hrs	Total PCB	Bound Brook/ Transect C
CSD1	"	18-24"	08/27/97 1120 hrs	Total PCB	Bound Brook/ Transect C
CSD2	"	"	08/27/97 1120 hrs	Total PCB	Bound Brook/ Transect C
DNS1	"	0-6"	08/27/97 1140 hrs	Total PCB	Bound Brook/ Transect D
DNS1 MS/MSD	"	0-6"	08/27/97 1120 hrs	Total PCB	Matrix spike/Matrix spike dupl.
DNS2	"	0-6"	08/27/97 1140 hrs	Total PCB	Bound Brook/ Transect D
DNS3	"	0-6"	08/27/97 1140 hrs	Total PCB	Dupl. of DNS1
DND1	"	18-24"	08/27/97 1150 hrs	Total PCB	Bound Brook/ Transect D
DND2	"	18-24"	08/27/97 1145 hrs	Total PCB	Bound Brook/ Transect D
DSS1	"	0-6"	08/27/97 1055 hrs	Total PCB	Bound Brook/ Transect D
DSS2	"	0-6"	08/27/97 1055 hrs	Total PCB	Bound Brook/ Transect D

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

AUGUST 27, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
DSD1	Soil	18-24"	08/27/97 1058 hrs	Total PCB	Bound Brook/ Transect D
DSD2	"	18-24"	08/27/97 1100 hrs	Total PCB	Bound Brook/ Transect D
ENS1	"	0-6"	08/27/97 1120 hrs	Total PCB	Bound Brook/ Transect E
ENS2	"	0-6"	08/27/97 1120 hrs	Total PCB	Bound Brook/ Transect E
END1	"	18-24"	08/27/97 1125 hrs	Total PCB	Bound Brook/ Transect E
END2	"	18-24"	08/27/97 1125 hrs	Total PCB	Bound Brook/ Transect E
ESS1	"	0-6"	08/27/97 1042 hrs	Total PCB	Bound Brook/ Transect E
ESS2	"	0-6"	08/27/97 1040 hrs	Total PCB	Bound Brook/ Transect E
ESD1	"	18-24"	08/27/97 1044 hrs	Total PCB	Bound Brook/ Transect E
ESD2	"	18-24"	08/27/97 1042 hrs	Total PCB	Bound Brook/ Transect E
FNS1	"	0-6"	08/27/97 1055 hrs	Total PCB	Bound Brook/ Transect F
FNS1 MS/MSD	"	"	08/27/97 1055 hrs	Total PCB	Matrix spike/Matrix spike dupl.

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

AUGUST 27, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
FNS2	Soil	0-6"	08/27/97 1050 hrs	Total PCB	Bound Brook/ Transect F
FNS3	"	0-6"	08/27/97 1055 hrs	Total PCB	Dupl. of FNS1
FND1	"	12-18"	08/27/97 1105 hrs	Total PCB	Bound Brook/ Transect F
FND2	"	12-18"	08/27/97 1100 hrs	Total PCB	Bound Brook/ Transect F
FSS1	"	0-6"	08/27/97 1028 hrs	Total PCB	Bound Brook/ Transect F
FSS2	"	0-6"	08/27/97 1030 hrs	Total PCB	Bound Brook/ Transect F
FSD1	"	18-24"	08/27/97 1026 hrs	Total PCB	Bound Brook/ Transect F
FSD2	"	18-24"	08/27/97 1035 hrs	Total PCB	Bound Brook/ Transect F
GNS1	"	0-6"	08/27/97 1035 hrs	Total PCB	Bound Brook/ Transect G
GNS2	"	0-6"	08/27/97 1035 hrs	Total PCB	Bound Brook/ Transect G
GND1	"	18-24"	08/27/97 1040 hrs	Total PCB	Bound Brook/ Transect G
GND2	"	18-24"	08/27/97 1040 hrs	Total PCB	Bound Brook/ Transect G

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

AUGUST 27, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
GSS1	Soil	0-6"	08/27/97 1014 hrs	Total PCB	Bound Brook/ Transect G
GSS2	"	0-6"	08/27/97 1015 hrs	Total PCB	Bound Brook/ Transect G
GSD1	"	6-12"	08/27/97 1017 hrs	Total PCB	Bound Brook/ Transect G
GSD2	"	18-24"	08/27/97 1020 hrs	Total PCB	Bound Brook/ Transect G
HNS1	"	0-6"	08/27/97 1010 hrs	Total PCB	Bound Brook/ Transect H
HNS1 MS/MSD	"	0-6"	08/27/97 1010 hrs	Total PCB	Matrix spike/Matrix spike dupl.
HNS2	"	0-6"	08/27/97 1010 hrs	Total PCB	Bound Brook/ Transect H
HNS3	"	0-6"	08/27/97 1010 hrs	Total PCB	Dupl. of HNS1
HND1	"	18-24"	08/27/97 1020 hrs	Total PCB	Bound Brook/ Transect H
HND2	"	18-24"	08/27/97 1015 hrs	Total PCB	Bound Brook/ Transect H
HSS1	"	0-6"	08/27/97 1005 hrs	Total PCB	Bound Brook/ Transect H
HSS2	"	0-6"	08/27/97 1002 hrs	Total PCB	Bound Brook/ Transect H

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

AUGUST 27, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
HSD1	Soil	18-24"	08/27/97 1010 hrs	Total PCB	Bound Brook/ Transect H
HSD2	"	18-24"	08/27/97 1005 hrs	Total PCB	Bound Brook/ Transect H
RB-3	Aqueous	N/A	08/27/97 1600 hrs	Total PCB	Rinsate Blank

Notes:

1. Samples AND1 and BND1 not collected. First groundwater encountered at 6" below ground surface.

2. Samples PSED(D), RSED(D), TSED(D), and VSED(D) not collected. Refusal/shale encountered at 6" below streambed.

3. Samples QSED(D) and USED(D) not collected. Refusal/shale encountered at 12" below streambed.

ATTACHMENT A

CHAIN OF CUSTODY RECORD

RFP No.:

PO No.:

CHAIN OF CUSTODY RECORD

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 904-215-6116 Fax: 904-215-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
ANS1	8/27/97 (1215)	5	L/M	G	6				X						
ANS2	(1215)														
AND2	1220														
BNS1	1215														EXTRA VOL. FOR MS/MSD INCLUDED
BNS2	1210														
BNS3	1215														
~~BND1~~	~~1215~~														(TM)
BND2	1210														
CNS1	1200														
CNS2	1155														
CND1	1205														

Comments:

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
MIKE MANNKOPF / HEMENDRA MORADIA	1640	8/27/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	HMoradia	1745	8/27/97	Mark William #47	LAB ANALYSIS
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

RFP No.:

PO No.:

CHAIN OF CUSTODY RECORD

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W3-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaiy, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS XRF	COR	REAC	OTHER
CND2	8/27/97 (1200)	5	L/M	G	6				X						
DNS1	1140														EXTRA VOL. FOR MS/MSD PROVIDED
DNS2	1140														
DNS3	1140														
DND1	1150														
DND2	1145														
ENS1	1120														
ENS2	1120														
END1	1125														
END2	1125														
FNS1	1055														EXTRA VOL. FOR MS/MSD PROVIDED

Comments:

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
MIKE MAHNKOPF/HEMENDRA MORADIA	1640	8/27/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	D Moradia	1745 8/27/97	8/27/97	Mark Williams #49	LAB ANALYSIS

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

RFP No.:

PO No.:

CHAIN OF CUSTODY RECORD

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-5116 Fax: 908-225-7037

MATRIX	PRESERVATIVE
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL/CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
FNS2	8/27/97 1050	5	L/M	G	6			X						
FNS3	1055													
FND1	1105 ~~1105~~													
FND2	1100													
GNS1	1035													
GNS2	1035													
GND1	1040													
GND2	1040													
HNS1	1010													EXTRA VOLUME FOR MS/MSD INCLUDED
HNS2	1010													
HNS3	1010													

Comments:

Person Assuming Responsibility for Sample: MIKE MAHNKOPF/HEMENDRA MORADIA — Time: 1640 — Date (MM/DD/YY): 8/27/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	H Moradia	1745	8/27/97	Mark Williams #49	LAB ANALYSIS
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

RFP No.:

PO No.:

CHAIN OF CUSTODY RECORD

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCB	TAL	CN	RCRA ANALYSIS XRN	COR	REAC	OTHER
HND1	8/27/97 (1020)	5	L/M	G	6				X						
HND2	1015														
ASS1	1150														
ASS2	1200														
ASD1	1155														
ASD2	1205														
BSS1	1130														
BSS2	1130														
BSD1	1135														
BSD2	1135														
CSS1	1115														

Comments:

Person Assuming Responsibility for Sample: MIKE MAHNKOPH / HEMENDRA MORADIA — Time: 1640 — Date (MM/DD/YY): 8/27/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	HMoradia	1745	8/27/97	Mark Williams #49	LAB ANALYSIS
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

FP No.:

PO No.:

CHAIN OF CUSTODY RECORD

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

1. Surface Water
2. Ground Water
3. Leachate
4. Rinsate
5. Soil/Sediment
6. Oil
7. Waste
8. Other (Specify)

1. HCl
2. HNO3
3. Na2SO4
4. H2SO4
5. Other (Specify)
6. Ice Only
N. Not Preserved
* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS XRN	COR	REAC	OTHER
CSS2	8/27/97 (1115)	5	L/M	G	6				X						
CSD1	1120														
CSD2	1120														
DSS1	1055														
DSS2	1055														
DSD1	1058														
DSD2	1100														
ESS1	1042														
ESS2	1040														
ESD1	1044														
ESD2	1042														

Comments:

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
MIKE MAITNKOAH / HEMENDRA MORADIA	1640	8/27/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	Moradia	1745	8/27/97	Mark William #47	LAB ANALYSIS
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

FP No.:

PO No.:

CHAIN OF CUSTODY RECORD

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
FSS1	8/27/97 (1028)	5	L/M	G	6				X						
FSS2	1030														
FSD1	1026														
FSD2	1035														
GSS1	1014														
GSS2	1015														
GSD1	1017														
GSD2	1020														
HSS1	1005														
HSS2	1002														
HSD1	1010														

Comments:

Person Assuming Responsibility for Sample: MIKE MAHNKOPF / HEMENDRA MORADIA — Time: 1640 — Date (MM/DD/YY): 8/27/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	H Moradia	1745	8/27/97	Mark Williams #	LAB ANALYSIS

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

RFP No.:

PO No.:

CHAIN OF CUSTODY RECORD

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.	
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
HSD2	8/27/97 (1005)	5	L/M	G	6				X						
NSED(S)	1505														
NSED(D)	1515														
OSED(S)1	1510														
OSED(D)1	1500														
OSED(S)2	1510														
OSED(D)2	1500														
PSED(S)	1500														
QSED(S)	1445														
RSED(S)	1435														
SSED(S)	1435														

Comments:

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
MIKE MAHNKOPF / HEMENDRA MORADIA	1640	8/27/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	[signature]	1745	8/27/97	Mark William #49	LAB ANALYSIS

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

FP No.:

O No.:

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.	
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify) Water	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS KEN	COR	REAC	OTHER
SSED(D)	8/27/97 1440	5	L/M	G	6				X						
TSED (S)	1450														
USED (S)	1420														
VSED (S)	1410														
WSED(S)	1410														
WSED(D)	1415														
[illegible]-3	1600	8	L/M	G	6										QA/QC SAMPLE EQUIPMENT BLANK

Comments:

Person Assuming Responsibility for Sample: MIKE MAHNYKOPH / HEMENDRA MORADIA — Time: 1640 — Date (MM/DD/YY): 8/27/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	HMoradia	1745	8/27/97	Mark Williams #49	LAB ANALYSIS
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

Roy F. Weston, Inc.
Federal Programs Division
Suite 201
1090 King Georges Post Road
Edison, New Jersey 08837-3703
908-225-6116 • Fax 908-225-7037

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019

September 8, 1997

Mr. Dan Harkay
U.S. Environmental Protection Agency
Removal Action Branch
2890 Woodbridge Avenue
Edison, New Jersey 08837

TDD NO: 02-97-02-0015-C
DCN NO: START-02-F-01301
SUBJECT: TRIP REPORT
CORNELL-DUBILIER ELECTRONICS,
SOUTH PLAINFIELD, NEW JERSEY

Dear Mr. Harkay:

Enclosed please find one (1) copy of the Trip Report for the soil sampling activities conducted at the above referenced site on September 3, 1997. If you have any questions or comments, please contact me at (908) 225-6116.

Sincerely,

ROY F. WESTON, INC.

M. Mahnkopf

Michael Mahnkopf
Project Manager

Enclosure

SAMPLING TRIP REPORT

SITE NAME: Cornell-Dubilier Electronics
DCN #: START-02-F-01317
TDD #: 02-97-02-0015-C
PCS #: 2076

SAMPLING DATE: September 3, 1997

EPA I.D. NO.: GZ

1. Site Location: Former Cornell-Dubilier Electronics
333 Hamilton Boulevard, South Plainfield, New Jersey
(See Figures 1 & 2)

2. Sample Descriptions: Ninety-seven (97) surface and subsurface soil samples (including field duplicates and MS/MSD's) and one (1) field rinsate blank were collected and submitted for total polychlorinated biphenyl (PCB) analysis. See Table 1 for additional information.

3. Laboratory Receiving Samples:

Analysis	Name and Address of Laboratory
Total PCBs	Chemtech Consulting Group 110 Route 4 Englewood, NJ 07631 (201) 567-6868

4. Sample Dispatch Data:

On September 3, 1997, a total of ninety-eight (98) samples were received by Impulse Courier Service, Inc. personnel at the Region II START office, located in Edison, New Jersey. The samples were received by Impulse for transport to Chemtech.

5. On-Site Personnel:

Name	Representing	Duties on Site
Dan Harkay	US EPA	On-Scene Coordinator
Michael Mahnkopf	Region II START	Project Manager
Hemandra Moradia	Region II START	Sample Management
Mark Ellis	Roy F. Weston, Inc.	Sample Technician
Amy Telford	Roy F. Weston, Inc.	Sample Technician

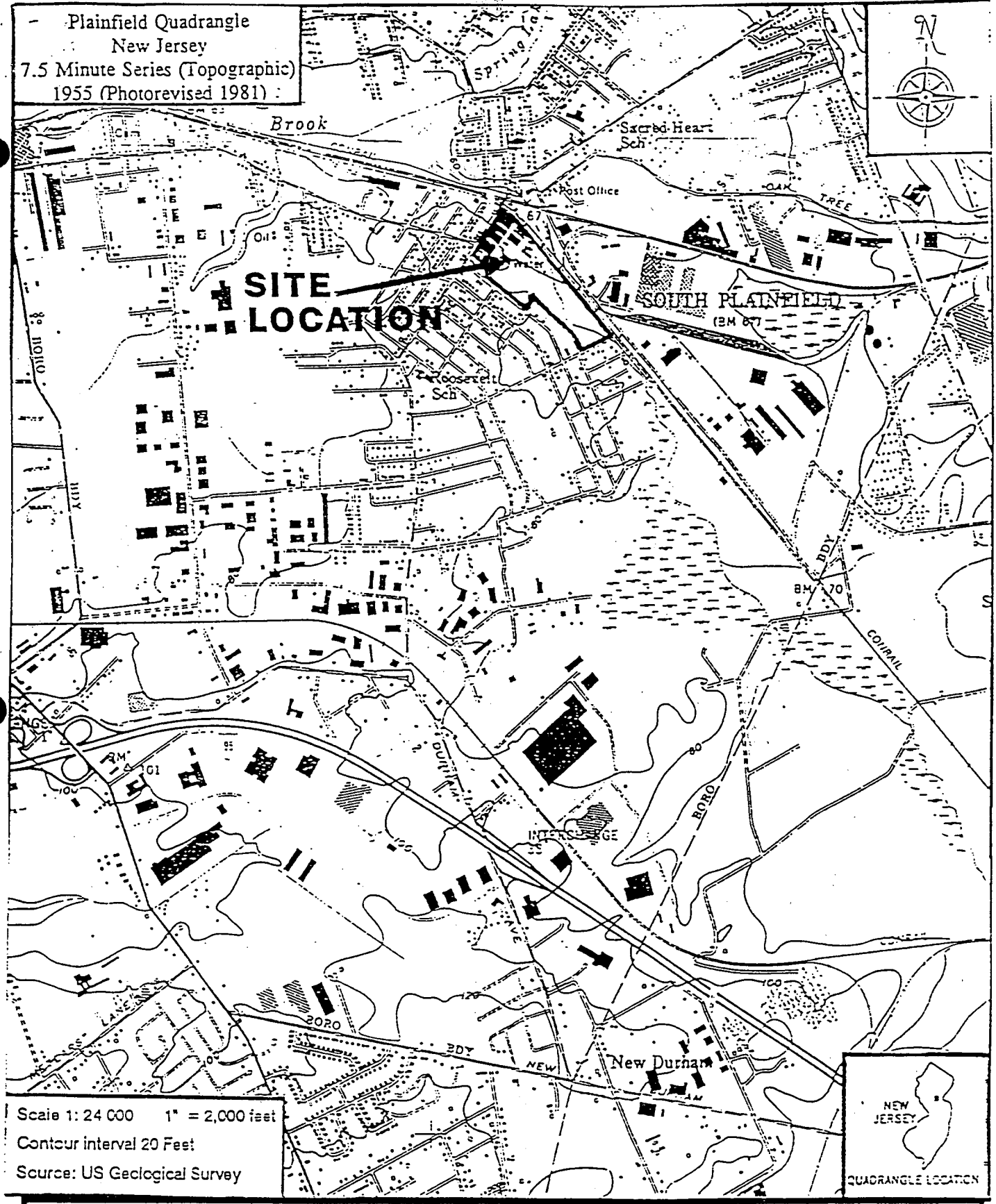
6. Additional Comments:

On September 3, 1997, a total of ninety-seven (97) soil samples were collected from forty-four (44) sample boring locations. The ninety-seven (97) samples included forty-four (44) surface soil samples, thirty-eight (38) subsurface soil samples, five (5) field duplicates, five (5) matrix spike samples, and five (5) matrix spike duplicate samples. All samples were collected with either dedicated plastic scoops/spatulas or non-dedicated stainless steel hand augers. Additionally, one (1) field rinsate blank was generated and submitted for laboratory analysis.

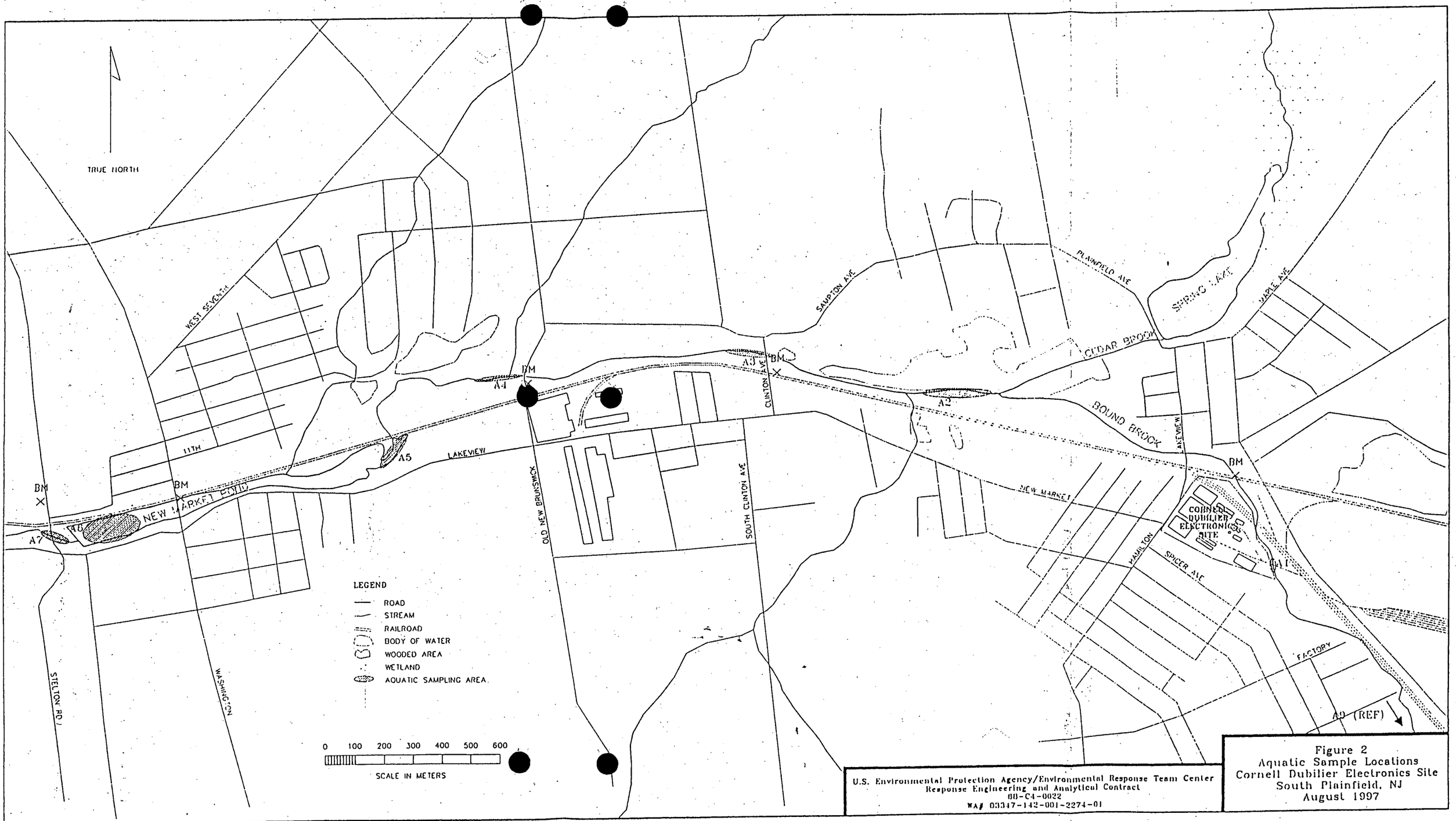
Enclosed as Attachment A are copies of the chain of custody records.

7. Report prepared by: Michael Mahnkopf MM Date: September 8, 1997

8. Report reviewed by: Thomas O'Neill TO Date: September 8, 1997



WESTON MANAGERS DESIGNERS/CONSULTANTS **Roy F. Weston, Inc.** **FEDERAL PROGRAMS DIVISION**	EPA TM E. WILSON	CORNELL-DUBILIER ELECTRONICS S. PLAINFIELD, NJ
IN ASSOCIATION WITH RESOURCE APPLICATION, Inc. **C.C. JOHNSON & MALHOTRA, P.C., R.E. SARRIERA ASSOCIATES,** **PRC ENVIRONMENTAL MANAGEMENT, AND GRB ENVIRONMENTAL SERVICES, INC.**	START PM M. MAHNKOPF	FIGURE 1 SITE LOCATION MAP



U.S. Environmental Protection Agency/Environmental Response Team Center
Response Engineering and Analytical Contract
68-C4-0022
WA# 03347-142-001-2274-01

Figure 2
Aquatic Sample Locations
Cornell Dubilier Electronics Site
South Plainfield, NJ
August 1997

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
DRD1	Soil	0-6"	09/03/97 1300 hrs	Total PCB	Bound Brook/ Drain. Ditch
DRD2	"	0-6"	09/03/97 1302 hrs	Total PCB	Bound Brook/ Drain. Ditch
DRD3	"	0-6"	09/03/97 1305 hrs	Total PCB	Bound Brook/ Drain. Ditch
NNS1	"	0-6"	09/03/97 1430 hrs	Total PCB	Bound Brook/ Transect N
NNS2	"	0-6"	09/03/97 1430 hrs	Total PCB	Bound Brook/ Transect N
NND1	"	6-12"	09/03/97 1435 hrs	Total PCB	Bound Brook/ Transect N
NND2	"	12-18"	09/03/97 1435 hrs	Total PCB	Bound Brook/ Transect N
NSS1	"	0-6"	09/03/97 1415 hrs	Total PCB	Bound Brook/ Transect N
NSS2	"	0-6"	09/03/97 1415 hrs	Total PCB	Bound Brook/ Transect N
NSD2	"	18-24"	09/03/97 1410 hrs	Total PCB	Bound Brook/ Transect N
ONS1	"	0-6"	09/03/97 1420 hrs	Total PCB	Bound Brook/ Transect O
ONS1 MS/MSD	"	0-6"	09/03/97 1420 hrs	Total PCB	Matrix spike/Matrix spike dupl.

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
ONS2	Soil	0-6"	09/03/97 1420 hrs	Total PCB	Bound Brook/ Transect O
ONS3	"	0-6"	09/03/97 1420 hrs	Total PCB	Dupl. of ONS1
OND1	"	18-24"	09/03/97 1425 hrs	Total PCB	Bound Brook/ Transect O
OND2	"	18-24"	09/03/97 1425 hrs	Total PCB	Bound Brook/ Transect O
OCS	"	0-6"	09/03/97 1410 hrs	Total PCB	Bound Brook/ Transect O
OSS1	"	0-6"	09/03/97 1405 hrs	Total PCB	Bound Brook/ Transect O
OSS2	"	0-6"	09/03/97 1400 hrs	Total PCB	Bound Brook/ Transect O
OSD1	"	18-24"	09/03/97 1410 hrs	Total PCB	Bound Brook/ Transect O
OSD2	"	18-24"	09/03/97 1400 hrs	Total PCB	Bound Brook/ Transect O
PNS1	"	0-6"	09/03/97 1400 hrs	Total PCB	Bound Brook/ Transect P
PNS2	"	0-6"	09/03/97 1400 hrs	Total PCB	Bound Brook/ Transect P
PND1	"	18-24"	09/03/97 1405 hrs	Total PCB	Bound Brook/ Transect P

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
PND2	Soil	18-24"	09/03/97 1405 hrs	Total PCB	Bound Brook/ Transect P
PSS1	"	0-6"	09/03/97 1350 hrs	Total PCB	Bound Brook/ Transect P
PSS2	"	0-6"	09/03/97 1345 hrs	Total PCB	Bound Brook/ Transect P
PSD1	"	18-24"	09/03/97 1355 hrs	Total PCB	Bound Brook/ Transect P
PSD2	"	18-24"	09/03/97 1350 hrs	Total PCB	Bound Brook/ Transect P
QNS1	"	0-6"	09/03/97 1345 hrs	Total PCB	Bound Brook/ Transect Q
QNS1 MS/MSD	"	0-6"	09/03/97 1345 hrs	Total PCB	Matrix spike/Matrix spike dupl.
QNS2	"	0-6"	09/03/97 1345 hrs	Total PCB	Bound Brook/ Transect Q
QNS3	"	0-6"	09/03/97 1345 hrs	Total PCB	Dupl. of QNS1
QND1	"	18-24"	09/03/97 1350 hrs	Total PCB	Bound Brook/ Transect Q
QND2	"	18-24"	09/03/97 1350 hrs	Total PCB	Bound Brook/ Transect Q
QSS1	"	0-6"	09/03/97 1340 hrs	Total PCB	Bound Brook/ Transect Q

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
QSS2	Soil	0-6"	09/03/97 1330 hrs	Total PCB	Bound Brook/ Transect Q
QSD2	"	18-24"	09/03/97 1336 hrs	Total PCB	Bound Brook/ Transect Q
RNS1	"	0-6"	09/03/97 1330 hrs	Total PCB	Bound Brook/ Transect R
RNS2	"	0-6"	09/03/97 1330 hrs	Total PCB	Bound Brook/ Transect R
RND1	"	18-24"	09/03/97 1335 hrs	Total PCB	Bound Brook/ Transect R
RND2	"	18-24"	09/03/97 1330 hrs	Total PCB	Bound Brook/ Transect R
RSS1	"	0-6"	09/03/97 1315 hrs	Total PCB	Bound Brook/ Transect R
RSS2	"	0-6"	09/03/97 1315 hrs	Total PCB	Bound Brook/ Transect R
RSD1	"	6-12"	09/03/97 1335 hrs	Total PCB	Bound Brook/ Transect R
RSD2	"	18-24"	09/03/97 1320 hrs	Total PCB	Bound Brook/ Transect R
SNS1	"	0-6"	09/03/97 1300 hrs	Total PCB	Bound Brook/ Transect S
SNS1 MS/MSD	"	0-6"	09/03/97 1300 hrs	Total PCB	Matrix spike/Matrix spike dupl.

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
SNS2	Soil	0-6"	09/03/97 1305 hrs	Total PCB	Bound Brook/ Transect S
SNS3	"	0-6"	09/03/97 1300 hrs	Total PCB	Dupl. of SNS1
SND1	"	18-24"	09/03/97 1315 hrs	Total PCB	Bound Brook/ Transect S
SND2	"	18-24"	09/03/97 1315 hrs	Total PCB	Bound Brook/ Transect S
SSS1	"	0-6"	09/03/97 1313 hrs	Total PCB	Bound Brook/ Transect S
SSS2	"	0-6"	09/03/97 1300 hrs	Total PCB	Bound Brook/ Transect S
SSD1	"	12-18"	09/03/97 1315 hrs	Total PCB	Bound Brook/ Transect S
SSD2	"	12-18"	09/03/97 1305 hrs	Total PCB	Bound Brook/ Transect S
TNS1	"	0-6"	09/03/97 1245 hrs	Total PCB	Bound Brook/ Transect T
TNS2	"	0-6"	09/03/97 1240 hrs	Total PCB	Bound Brook/ Transect T
TND1	"	18-24"	09/03/97 1252 hrs	Total PCB	Bound Brook/ Transect T
TND2	"	12-18"	09/03/97 1250 hrs	Total PCB	Bound Brook/ Transect T

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
TSS1	Soil	0-6"	09/03/97 1242 hrs	Total PCB	Bound Brook/ Transect T
TSS2	"	0-6"	09/03/97 1235 hrs	Total PCB	Bound Brook/ Transect T
TSD1	"	18-24"	09/03/97 1247 hrs	Total PCB	Bound Brook/ Transect T
TSD2	"	18-24"	09/03/97 1240 hrs	Total PCB	Bound Brook/ Transect T
UNS1	"	0-6"	09/03/97 1230 hrs	Total PCB	Bound Brook/ Transect U
UNS1 MS/MSD	"	0-6"	09/03/97 1230 hrs	Total PCB	Matrix spike/Matrix spike dupl.
UNS2	"	0-6"	09/03/97 1225 hrs	Total PCB	Bound Brook/ Transect U
UNS3	"	0-6"	09/03/97 1230 hrs	Total PCB	Dupl. of UNS1
UND1	"	18-24"	09/03/97 1240 hrs	Total PCB	Bound Brook/ Transect U
UND2	"	12-18"	09/03/97 1235 hrs	Total PCB	Bound Brook/ Transect U
USS1	"	0-6"	09/03/97 1225 hrs	Total PCB	Bound Brook/ Transect U
USS2	"	0-6"	09/03/97 1229 hrs	Total PCB	Bound Brook/ Transect U

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
USD1	Soil	18-24"	09/03/97 1230 hrs	Total PCB	Bound Brook/ Transect U
USD2	"	18-24"	09/03/97 1236 hrs	Total PCB	Bound Brook/ Transect U
VNS1	"	0-6"	09/03/97 1210 hrs	Total PCB	Bound Brook/ Transect V
VNS2	"	0-6"	09/03/97 1210 hrs	Total PCB	Bound Brook/ Transect V
VND1	"	18-24"	09/03/97 1220 hrs	Total PCB	Bound Brook/ Transect V
VND2	"	18-24"	09/03/97 1215 hrs	Total PCB	Bound Brook/ Transect V
VSS1	"	0-6"	09/03/97 1215 hrs	Total PCB	Bound Brook/ Transect V
VSS2	"	0-6"	09/03/97 1205 hrs	Total PCB	Bound Brook/ Transect V
VSD1	"	18-24"	09/03/97 1220 hrs	Total PCB	Bound Brook/ Transect V
VSD2	"	18-24"	09/03/97 1210 hrs	Total PCB	Bound Brook/ Transect V
WNS1	"	0-6"	09/03/97 1200 hrs	Total PCB	Bound Brook/ Transect W
WNS1 MS/MSD	"	0-6"	09/03/97 1200 hrs	Total PCB	Matrix spike/Matrix spike dupl.

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
WNS2	Soil	0-6"	09/03/97 1155 hrs	Total PCB	Bound Brook/ Transect W
WNS3	"	0-6"	09/03/97 1200 hrs	Total PCB	Dupl. of WNS1
WND1	"	6-12"	09/03/97 1205 hrs	Total PCB	Bound Brook/ Transect W
WND2	"	18-24"	09/03/97 1200 hrs	Total PCB	Bound Brook/ Transect W
WSS1	"	0-6"	09/03/97 1157 hrs	Total PCB	Bound Brook/ Transect W
WSS2	"	0-6"	09/03/97 1150 hrs	Total PCB	Bound Brook/ Transect W
WSD1	"	18-24"	09/03/97 1202 hrs	Total PCB	Bound Brook/ Transect W
WSD2	"	18-24"	09/03/97 1150 hrs	Total PCB	Bound Brook/ Transect W
RB-4	Aqueous	N/A	09/03/97 1520 hrs	Total PCB	Rinsate Blank

Notes:

1. Samples NSD1 and QSD1 not collected. First groundwater encountered at 12" below ground surface.

2. Sample OCD not collected. First groundwater encountered at 6" below ground surface.

ATTACHMENT 1

CHAIN OF CUSTODY RECORD

CHAIN OF CUSTODY RECORD

RFP No.:

PO No.:

WESTON

SUPERFUND TECENICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
DRD1	9/3/97 1300	5	M	G	6				X						
DRD2	1302														
DRD3	1305														
NND1	1435														
NND2	1435														
NNS1	1430														
NNS2	1430														
NSS1	1415														
NSS2	1415														
NSD2	1410														
ONS1	1420														MS/MSD

Comments:

Person Assuming Responsibility for Sample: M. Malinowski — Time: 1730 — Date (MM/DD/YY): 9/3/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. Malinowski	1730	9/3/97	Carl Dates #53	TRANSFER

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

REF. No.:

PO No.:

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7237

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCB	TAL	CN	RCRA ANALYSIS DEN	COR	REAC	OTHER
ONS2	9/3/97 1420	5	4 M	G	6				X						
ONS3	1420														
OND1	1425														
OND2	1425														
OSS1	1405														
OSS2	1400														
OSD1	1410														
OSD2	1400														
PSS1	1350														
PSS2	1345														
PSD1	1355														

Comments:

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
M. Malinkoff	1730	9/3/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. Malinkoff	1730	9/3/97	Carl Norris #53	TRANSFER
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, FRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7557

Matrix Box No.	Preservative Box No.
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSES VOA	BNA	PEST	PCB	RCRA ANALYSES TAL	CN	IGN	COR	REAC	OTHER
SD2	9/3/97 1350	S	L/M	G	6				X						
ND1	1400														
ND2	1405														
NS1	1400														
NS2	1400														MS/MSD
QNS1	1345														
QND1	1350														
QNS3	1345														
QND2	1350														
QNS2	1345														
QSS1	1340														

Comments:

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
M. Malkoff	1730	9/3/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. Malkoff	1730	9/3/97	Carl D Strut #53	TRANSFER

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

RFP No.:

PO No.:

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaiy, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
QSS2	9/3/97 1330	5	L/M	G	6				X						
QSD2	1336														
RSS1	1330														
RSS2	1315														
RSD1	1335														
RSD2	1320														
RNS1	1330														
RNS2	1330														
RND1	1335														
RND2	1330														
SNS1	1300														MS/MSD

Comments:

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
M. Malhotra	1730	9/3/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. Malhotra	1730	9/3/97	Carl Watts #53	TRANSFER
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

RFP No.:

PO No.:

CHAIN OF CUSTODY RECORD

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 904-215-6116 Fax: 904-215-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS XIN	COR	REAC	OTHER
SN52	9/2/97 1305	S	L/M	G	6				X						
SN53	1300														
SND1	1310														
SND2	1315														
SS51	1313														
SS52	1300														
SSD1	1315														
SSD2	1305														
TNS1	1245														
TNS2	1240														
TND1	1252														

Comments:

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
M. Malkey	1730	9/3/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. Malkey	1730	9/3/97	Carl Watts #53	TRANSFER
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Services Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

REP. No.:

PO No.:

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 904-225-4116 Fax: 904-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
TND2	9/3/97/1250	5	M	G	6				X						
TSS1	1242														
TSS2	1235														
TSD1	1247														
TSD2	1240														
UNS1	1230														MS/MSD
UNS2	1225 ~~1245~~														
UNS3	1230														
UND1	1240														
UND2	1235														
USS1	1225														

Comments:

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
M. Malkey	1730	9/3/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. Malkey	1730	9/3/97	Carl Norton - #53	TRANSFER
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

REF. No.:

PO No.:

CHAIN OF CUSTODY RECORD

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT: 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSES VOA	BNA	PEST	PCB	TAL	CN	RCRA ANALYSES CHN	COR	REAC	OTHER
USS2	9/3/97 1229	5	L/M	G	6				X						
USD1	1232														
USD2	1236														
VNS1	1210														
VNS2	1210														
VND1	1220														
VND2	1215														
VSS1	1215														
VSS2	1205														
VSD1	1220														
VSD2	1210														

Comments:

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
M. Martinez	1730	9/3/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. Martinez	1730	9/3/97	Carl Dista #53	TRANSFER
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, FRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

REF No.:

PO No.:

CHAIN OF CUSTODY RECORD

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 904-225-5116 Fax: 904-225-7557

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCB	TAL	CN	RCRA ANALYSIS CN	COR	REAC	OTHER
WNS1	9/3/97 1200	5	L/M	G	6				X						MS/MSD
WNS2	1155														
WNS3	1200														
WND1	1205														
WND2	1200														
WSS1	1157														
WSS2	1150														
WSD1	1202														
WSD2	1155														
OCS	1410														
RB-4	1520	4	L	G	6										

Comments:

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
M. McKafy	1730	9/3/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. McKafy	1730	9/3/97	Carl Watts #53	TRANSFER
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

Roy F. Weston, Inc.
Federal Programs Division
Suite 201
1090 King Georges Post Road
Edison, New Jersey 08837-3703
908-225-6116 • Fax 908-225-7037

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019

October 1, 1997

Mr. Dan Harkay
U.S. Environmental Protection Agency
Removal Action Branch
2890 Woodbridge Avenue
Edison, New Jersey 08837

TDD NO: 02-97-09-0015
DCN NO: START-02-F-01358
SUBJECT: SAMPLING TRIP REPORT
CORNELL-DUBILIER ELECTRONICS,
SOUTH PLAINFIELD, NEW JERSEY

Dear Mr. Harkay:

Enclosed please find one (1) copy of the Sampling Trip Report for the soil sampling activities conducted at the above referenced site on September 25 and 26, 1997. If you have any questions or comments, please contact me at (908) 225-6116.

Sincerely,

ROY F. WESTON, INC.

Michael Mahnkopf
Project Manager

Enclosure

SAMPLING TRIP REPORT

SITE NAME: Cornell-Dubilier Electronics
DCN #: START-02-F-01358
TDD #: 02-97-09-0015
PCS #: 2137

SAMPLING DATE: September 25 and 26, 1997

EPA I.D. NO.: GZ

1. Site Location: Former Cornell-Dubilier Electronics
333 Hamilton Boulevard, South Plainfield, New Jersey
(See Figure 1)

2. Sample Descriptions: Two-hundred and eighteen (218) surface and subsurface soil/sediment samples (including field duplicates and MS/MSD's) and two (2) field rinsate blanks were collected and submitted for total polychlorinated biphenyl (PCB) analysis. See Table 1 for additional information.

3. Laboratory Receiving Samples:

Analysis	Name and Address of Laboratory
Total PCBs	Chemtech Consulting Group 110 Route 4 Englewood, NJ 07631 (201) 567-6868

4. Sample Dispatch Data:

On September 25, 1997, a total of seventy-three (73) samples were received by Impulse Courier Service, Inc. personnel at the Region II START office, located in Edison, New Jersey. The samples were received by Impulse for transport to Chemtech.

On September 26, 1997, a total of one-hundred and forty-seven (147) samples were received by Impulse Courier Service, Inc. personnel at the Region II START office, located in Edison, New Jersey. The samples were received by Impulse for transport to Chemtech.

5. On-Site Personnel:

Name	Representing	Duties on Site
Dan Harkay	U.S. EPA	On-Scene Coordinator
Michael Mahnkopf	Region II START	Project Manager
Christoph Stannik	Region II START	Sample Management
Ed Moyle	Region II START	Sample Technician
John Szalkowski	Region II START	Sample Technician

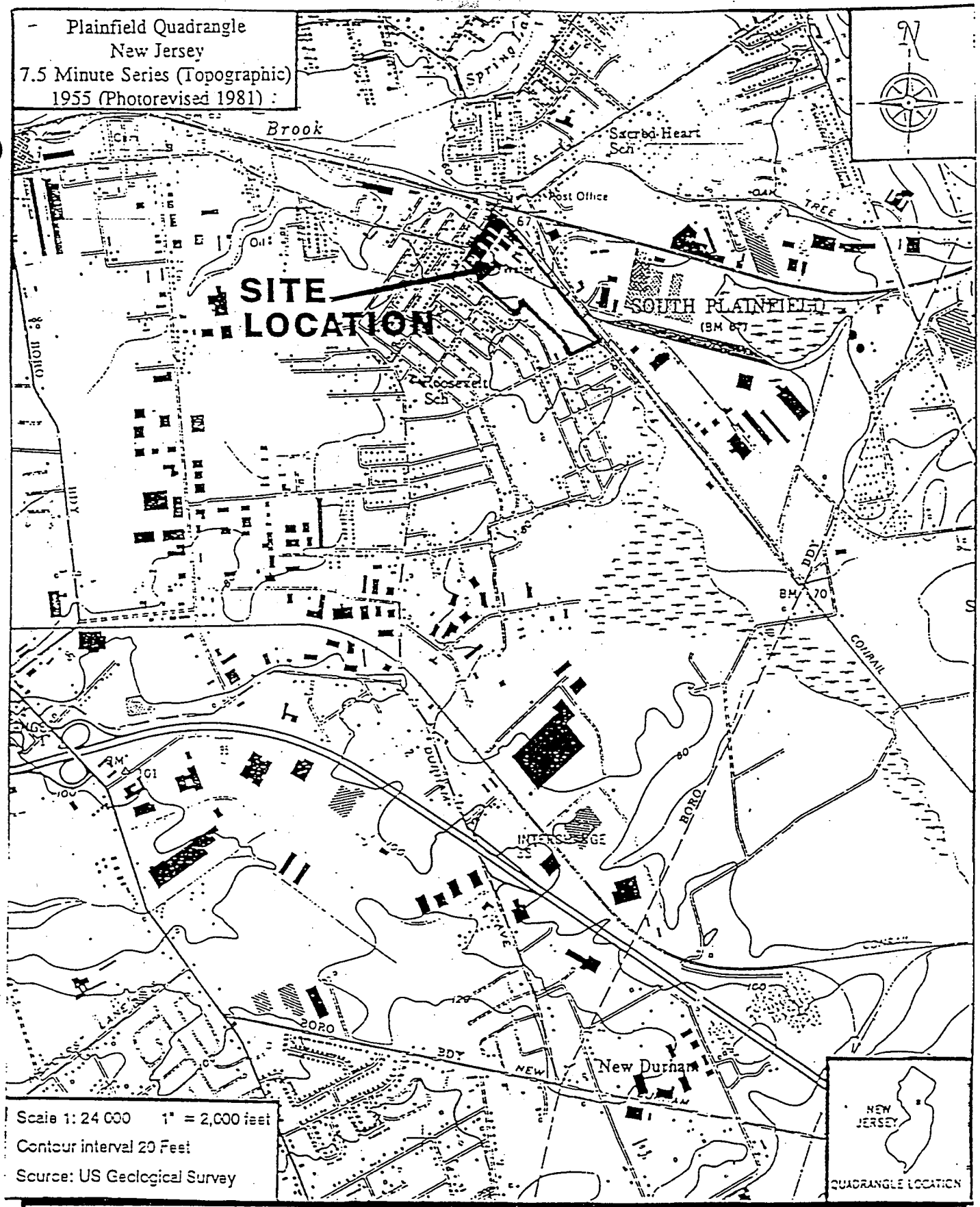
6. Additional Comments:

On September 25 and 26, 1997, a total of two-hundred and eighteen (218) soil/sediment samples were collected from one-hundred and thirty-one (131) sample boring locations. The two-hundred and eighteen (218) samples included one-hundred and three (103) surface soil samples, fifty-seven (57) subsurface soil samples, thirty-four (34) sediment samples, twelve (12) field duplicates, and twelve (12) matrix spike/matrix spike duplicate samples. All samples were collected with either dedicated plastic scoops/spatulas or non-dedicated stainless steel hand augers. Additionally, two (2) field rinsate blanks were generated and submitted for laboratory analysis.

Enclosed as Attachment A are copies of the chain of custody records.

7. Report prepared by: Michael Mahnkopf M.M Date: October 1, 1997

8. Report reviewed by: Dennis Foerter DF Date: October 1, 1997



WESTON MANAGERS DESIGNERS/CONSULTANTS	**Roy F. Weston, Inc.** **FEDERAL PROGRAMS DIVISION**	EPA TM D. HARKAY	CORNELL-DUBILIER ELECTRONICS S. PLAINFIELD, NJ
IN ASSOCIATION WITH RESOURCE APPLICATION, Inc. C.C. JOHNSON & MALHOTRA, P.C., R.E. SARRIERA ASSOCIATES, PRC ENVIRONMENTAL MANAGEMENT, AND GRB ENVIRONMENTAL SERVICES, INC.		START PM M. MAHNKOPF	FIGURE 1 SITE LOCATION MAP

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 26 and 27, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
AASED(S)	Sediment	0-6"	09/25/97 1141 hrs	Total PCB	Bound Brook/ Transect AA
BBSED(S)	"	0-6"	09/25/97 1130 hrs	Total PCB	Bound Brook/ Transect BB
BBSED(D)	"	12-18"	09/25/97 1145 hrs	Total PCB	Bound Brook/ Transect BB
CCSED(S)	"	0-6"	09/25/97 1120 hrs	Total PCB	Bound Brook/ Transect CC
DDSED(S)	"	0-6"	09/25/97 1125 hrs	Total PCB	Bound Brook/ Transect DD
EESED(S)	"	0-6"	09/25/97 1115 hrs	Total PCB	Bound Brook/ Transect EE
FFSED(S)	"	0-6"	09/25/97 1105 hrs	Total PCB	Bound Brook/ Transect FF
GGSED(S)	"	0-6"	09/25/97 1108 hrs	Total PCB	Bound Brook/ Transect GG
GGSED(S) MS/MSD	"	0-6"	09/25/97 1108 hrs	Total PCB	Matrix spike/ Matrix spike dupl.
HHSED(S)	"	0-6"	09/25/97 1050 hrs	Total PCB	Bound Brook/ Transect HH
IISED(S)	"	0-6"	09/25/97 1155 hrs	Total PCB	Bound Brook/ Transect II
JJSED(S)	"	0-6"	09/25/97 1050 hrs	Total PCB	Bound Brook/ Transect JJ

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
KKSED(S)	Sediment	0-6"	09/25/97 1034 hrs	Total PCB	Bound Brook/ Transect KK
KKSED(D)	"	6-12"	09/25/97 1042 hrs	Total PCB	Bound Brook/ Transect KK
LLSED(S)	"	0-6"	09/25/97 1040 hrs	Total PCB	Bound Brook/ Transect LL
MMSED(S)	"	0-6"	09/25/97 1024 hrs	Total PCB	Bound Brook/ Transect MM
NNSED(S)	"	0-6"	09/25/97 1025 hrs	Total PCB	Bound Brook/ Transect NN
OOSED(S)	"	0-6"	09/25/97 1012 hrs	Total PCB	Bound Brook/ Transect OO
OOSED(S) MS/MSD	"	0-6"	09/25/97 1012 hrs	Total PCB	Matrix spike/ Matrix spike dupl.
PPSED(S)	"	0-6"	09/25/97 1005 hrs	Total PCB	Bound Brook/ Transect PP
PPSED(D)	"	18-24"	09/25/97 1010 hrs	Total PCB	Bound Brook/ Transect PP
QQSED(S)	"	0-6"	09/25/97 0956 hrs	Total PCB	Bound Brook/ Transect QQ
RRSED(S)	"	0-6"	09/25/97 1000 hrs	Total PCB	Bound Brook/ Transect RR
SSSED(S)	"	0-6"	09/25/97 0941 hrs	Total PCB	Bound Brook/ Transect SS

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
SSSED(D)	Sediment	18-24"	09/25/97 0951 hrs	Total PCB	Bound Brook/ Transect SS
TTSED(S)	"	0-6"	09/25/97 0945 hrs	Total PCB	Bound Brook/ Transect TT
TTSED(D)	"	18-24"	09/25/97 0950 hrs	Total PCB	Bound Brook/ Transect TT
UUSED(S)	"	0-6"	09/25/97 0931 hrs	Total PCB	Bound Brook/ Transect UU
UUSED(D)	"	18-24"	09/25/97 0935 hrs	Total PCB	Bound Brook/ Transect UU
VVSED(S)	"	0-6"	09/25/97 0930 hrs	Total PCB	Bound Brook/ Transect VV
WWSED(S)	"	0-6"	09/25/97 0936 hrs	Total PCB	Bound Brook/ Transect WW
WWSED(S) MS/MSD	"	0-6"	09/25/97 0936 hrs	Total PCB	Matrix spike/ Matrix spike dupl.
XSED(S)	"	0-6"	09/25/97 1200 hrs	Total PCB	Bound Brook/ Transect X
YSED(S)	"	0-6"	09/25/97 1155 hrs	Total PCB	Bound Brook/ Transect Y
ZSED(S)	"	0-6"	09/25/97 1149 hrs	Total PCB	Bound Brook/ Transect Z
ZSED(D)	"	6-12"	09/25/97 1200 hrs	Total PCB	Bound Brook/ Transect Z

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
DRGG	Sediment	0-6"	09/25/97 1120 hrs	Total PCB	Drain adj. to Transect GG
GGSED(S)-1	"	0-6"	09/25/97 1108 hrs	Total PCB	Duplicate of GGSED(S)
OOSED(S)-1	"	0-6"	09/25/97 012 hrs	Total PCB	Duplicate of OOSED(S)
WWSED(S)-1	"	0-6"	09/25/97 0936 hrs	Total PCB	Duplicate of WWSED(S)
XSS1	Soil	0-6"	09/25/97 1430 hrs	Total PCB	Bound Brook/ Transect X
XSS2	"	0-6"	09/25/97 1415 hrs	Total PCB	Bound Brook/ Transect X
XSD2	"	18-24"	09/25/97 1420 hrs	Total PCB	Bound Brook/ Transect X
XNS1	"	0-6"	09/25/97 1410 hrs	Total PCB	Bound Brook/ Transect X
XNS2	"	0-6"	09/25/97 1415 hrs	Total PCB	Bound Brook/ Transect X
XND1	"	12-18"	09/25/97 1415 hrs	Total PCB	Bound Brook/ Transect X
XND2	"	18-24"	09/25/97 1425 hrs	Total PCB	Bound Brook/ Transect X
YSS1	"	0-6"	09/25/97 1405 hrs	Total PCB	Bound Brook/ Transect Y

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
YSS2	Soil	0-6"	09/25/97 1400 hrs	Total PCB	Bound Brook/ Transect Y
YSD1	"	18-24"	09/25/97 1415 hrs	Total PCB	Bound Brook/ Transect Y
YSD2	"	18-24"	09/25/97 1405 hrs	Total PCB	Bound Brook/ Transect Y
YNS1	"	0-6"	09/25/97 1405 hrs	Total PCB	Bound Brook/ Transect Y
YNS2	"	0-6"	09/25/97 1418 hrs	Total PCB	Bound Brook/ Transect Y
YND1	"	18-24"	09/25/97 1405 hrs	Total PCB	Bound Brook/ Transect Y
YND2	"	18-24"	09/25/97 1422 hrs	Total PCB	Bound Brook/ Transect Y
ZSS1	"	0-6"	09/25/97 1430 hrs	Total PCB	Bound Brook/ Transect Z
ZSS2	"	0-6"	09/25/97 1430 hrs	Total PCB	Bound Brook/ Transect Z
ZSD1	"	18-24"	09/25/97 1445 hrs	Total PCB	Bound Brook/ Transect Z
ZSD2	"	18-24"	09/25/97 1435 hrs	Total PCB	Bound Brook/ Transect Z
ZNS1	"	0-6"	09/25/97 1435 hrs	Total PCB	Bound Brook/ Transect Z

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
ZNS1 MS/MSD	Soil	0-6"	09/25/97 1435 hrs	Total PCB	Matrix spike/ Matrix spike dupl.
ZNS2	"	0-6"	09/25/97 1440 hrs	Total PCB	Bound Brook/ Transect Z
ZNS3	"	0-6"	09/25/97 1435 hrs	Total PCB	Duplicate of ZNS1
ZND1	"	18-24"	09/25/97 1440 hrs	Total PCB	Bound Brook/ Transect Z
ZND2	"	18-24"	09/25/97 1445 hrs	Total PCB	Bound Brook/ Transect Z
AASS1	"	0-6"	09/25/97 1450 hrs	Total PCB	Bound Brook/ Transect AA
AASS2	"	0-6"	09/25/97 1445 hrs	Total PCB	Bound Brook/ Transect AA
AASD1	"	18-24"	09/25/97 1500 hrs	Total PCB	Bound Brook/ Transect AA
AASD2	"	18-24"	09/25/97 1450 hrs	Total PCB	Bound Brook/ Transect AA
AANS1	"	0-6"	09/25/97 1455 hrs	Total PCB	Bound Brook/ Transect AA
AANS2	"	0-6"	09/25/97 1458 hrs	Total PCB	Bound Brook/ Transect AA
AAND2	"	18-24"	09/25/97 1455 hrs	Total PCB	Bound Brook/ Transect AA

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
RB-5	Aqueous	N/A	09/25/97 1510 hrs	Total PCB	Rinsate Blank
BBSS1	Soil	0-6"	09/25/97 1505 hrs	Total PCB	Bound Brook/ Transect BB
BBSS2	"	0-6"	09/25/97 1500 hrs	Total PCB	Bound Brook/ Transect BB
BBSD1	"	18-24"	09/25/97 1510 hrs	Total PCB	Bound Brook/ Transect BB
BBSD2	"	18-24"	09/25/97 1505 hrs	Total PCB	Bound Brook/ Transect BB
BBNS1	"	0-6"	09/25/97 1522 hrs	Total PCB	Bound Brook/ Transect BB
BBNS2	"	0-6"	09/25/97 1530 hrs	Total PCB	Bound Brook/ Transect BB
CCSS1	"	0-6"	09/25/97 1520 hrs	Total PCB	Bound Brook/ Transect CC
CCSS2	"	0-6"	09/25/97 1515 hrs	Total PCB	Bound Brook/ Transect CC
CCSD1	"	18-24"	09/25/97 1525 hrs	Total PCB	Bound Brook/ Transect CC
CCSD2	"	18-24"	09/25/97 1520 hrs	Total PCB	Bound Brook/ Transect CC
CCNS1	"	0-6"	09/25/97 1540 hrs	Total PCB	Bound Brook/ Transect CC

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
CCNS1 MS/MSD	Soil	0-6"	09/25/97 1540 hrs	Total PCB	Matrix spike/ Matrix spike dupl.
CCNS2	"	0-6"	09/25/97 1546 hrs	Total PCB	Bound Brook/ Transect CC
CCNS3	"	0-6"	09/25/97 1540 hrs	Total PCB	Duplicate of CCNS1
CCND1	"	18-24"	09/25/97 1542 hrs	Total PCB	Bound Brook/ Transect CC
CCND2	"	18-24"	09/25/97 1550 hrs	Total PCB	Bound Brook/ Transect CC
DDSS1	"	0-6"	09/25/97 1530 hrs	Total PCB	Bound Brook/ Transect DD
DDSS2	"	0-6"	09/25/97 1530 hrs	Total PCB	Bound Brook/ Transect DD
DDSD1	"	18-24"	09/25/97 1540 hrs	Total PCB	Bound Brook/ Transect DD
DDSD2	"	18-24"	09/25/97 1535 hrs	Total PCB	Bound Brook/ Transect DD
DDNS1	"	0-6"	09/25/97 1555 hrs	Total PCB	Bound Brook/ Transect DD
DDNS2	"	0-3"	09/25/97 1557 hrs	Total PCB	Bound Brook/ Transect DD
EESS1	"	0-6"	09/25/97 1545 hrs	Total PCB	Bound Brook/ Transect EE

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
EESS2	Soil	0-6"	09/25/97 1545 hrs	Total PCB	Bound Brook/ Transect EE
EENS1	"	0-6"	09/25/97 1600 hrs	Total PCB	Bound Brook/ Transect EE
EENS2	"	0-6"	09/25/97 1555 hrs	Total PCB	Bound Brook/ Transect EE
FFSS1	"	0-6"	09/26/97 0955 hrs	Total PCB	Bound Brook/ Transect FF
FFSS2	"	0-6"	09/26/97 0946 hrs	Total PCB	Bound Brook/ Transect FF
FFNS1	"	0-6"	09/26/97 0945 hrs	Total PCB	Bound Brook/ Transect FF
FFNS2	"	0-6"	09/26/97 0945 hrs	Total PCB	Bound Brook/ Transect FF
FFND2	"	12-18"	09/26/97 0950 hrs	Total PCB	Bound Brook/ Transect FF
GGSS1	"	0-6"	09/26/97 1000 hrs	Total PCB	Bound Brook/ Transect GG
GGSS2	"	0-6"	09/26/97 0956 hrs	Total PCB	Bound Brook/ Transect GG
GGSD1	"	18-24"	09/26/97 1010 hrs	Total PCB	Bound Brook/ Transect GG
GGSD2	"	18-24"	09/26/97 1000 hrs	Total PCB	Bound Brook/ Transect GG

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
GGNS1	Soil	0-6"	09/26/97 1010 hrs	Total PCB	Bound Brook/ Transect GG
GGNS1 MS/MSD	"	0-6"	09/26/97 1010 hrs	Total PCB	Matrix spike/ Matrix spike dupl.
GGNS2	"	0-6"	09/26/97 1004 hrs	Total PCB	Bound Brook/ Transect GG
GGNS3	"	0-6"	09/26/97 1010 hrs	Total PCB	Duplicate of GGNS1
GGND1	"	18-24"	09/26/97 1015 hrs	Total PCB	Bound Brook/ Transect GG
GGND2	"	18-24"	09/26/97 1017 hrs	Total PCB	Bound Brook/ Transect GG
HHSS1	"	0-6"	09/26/97 1015 hrs	Total PCB	Bound Brook/ Transect HH
HHSS2	"	0-6"	09/26/97 1010 hrs	Total PCB	Bound Brook/ Transect HH
HHSD1	"	12-18"	09/26/97 1020 hrs	Total PCB	Bound Brook/ Transect HH
HHSD2	"	18-24"	09/26/97 1015 hrs	Total PCB	Bound Brook/ Transect HH
HHNS1	"	0-6"	09/26/97 1020 hrs	Total PCB	Bound Brook/ Transect HH
IISS1	"	0-6"	09/26/97 1030 hrs	Total PCB	Bound Brook/ Transect II

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
IISS2	Soil	0-6"	09/26/97 1025 hrs	Total PCB	Bound Brook/ Transect II
IISD2	"	18-24"	09/26/97 1030 hrs	Total PCB	Bound Brook/ Transect II
IINS1	"	0-6"	09/26/97 1030 hrs	Total PCB	Bound Brook/ Transect II
IINS1 MS/MSD	"	0-6"	09/26/97 1030 hrs	Total PCB	Matrix spike/ Matrix spike dupl.
IINS2	"	0-6"	09/26/97 1032 hrs	Total PCB	Bound Brook/ Transect II
IINS3	"	0-6"	09/26/97 1030 hrs	Total PCB	Duplicate of IINS1
JJSS1	"	0-6"	09/26/97 1040 hrs	Total PCB	Bound Brook/ Transect JJ
JJSS2	"	0-6"	09/26/97 1035 hrs	Total PCB	Bound Brook/ Transect JJ
JJSD1	"	18-24"	09/26/97 1045 hrs	Total PCB	Bound Brook/ Transect JJ
JJSD2	"	18-24"	09/26/97 1041 hrs	Total PCB	Bound Brook/ Transect JJ
JJNS1	"	0-6"	09/26/97 1046 hrs	Total PCB	Bound Brook/ Transect JJ
JJNS2	"	0-6"	09/26/97 1047 hrs	Total PCB	Bound Brook/ Transect JJ

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
JJND2	Soil	12-18"	09/26/97 1055 hrs	Total PCB	Bound Brook/ Transect JJ
KKSS1	"	0-6"	09/26/97 1055 hrs	Total PCB	Bound Brook/ Transect KK
KKSS2	"	0-6"	09/26/97 1050 hrs	Total PCB	Bound Brook/ Transect KK
KKSD1	"	18-24"	09/26/97 1100 hrs	Total PCB	Bound Brook/ Transect KK
KKSD2	"	18-24"	09/26/97 1100 hrs	Total PCB	Bound Brook/ Transect KK
KKNS1	"	0-6"	09/26/97 1058 hrs	Total PCB	Bound Brook/ Transect KK
KKNS2	"	0-6"	09/26/97 1100 hrs	Total PCB	Bound Brook/ Transect KK
KKND1	"	18-24"	09/26/97 1108 hrs	Total PCB	Bound Brook/ Transect KK
LLSS1	"	0-6"	09/26/97 1110 hrs	Total PCB	Bound Brook/ Transect LL
LLSS2	"	0-6"	09/26/97 1102 hrs	Total PCB	Bound Brook/ Transect LL
LLSD1	"	18-24"	09/26/97 1120 hrs	Total PCB	Bound Brook/ Transect LL
LLSD2	"	18-24"	09/26/97 1110 hrs	Total PCB	Bound Brook/ Transect LL

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
LLNS1	Soil	0-6"	09/26/97 1115 hrs	Total PCB	Bound Brook/ Transect LL
LLNS1 MS/MSD	"	0-6"	09/26/97 1115 hrs	Total PCB	Matrix spike/ Matrix spike dupl.
LLNS2	"	0-6"	09/26/97 1115 hrs	Total PCB	Bound Brook/ Transect LL
LLNS3	"	0-6"	09/26/97 1115 hrs	Total PCB	Duplicate of LLNS1
LLND1	"	12-18"	09/26/97 1127 hrs	Total PCB	Bound Brook/ Transect LL
MMSS1	"	0-6"	09/26/97 1125 hrs	Total PCB	Bound Brook/ Transect MM
MMSS2	"	0-6"	09/26/97 1120 hrs	Total PCB	Bound Brook/ Transect MM
MMNS1	"	0-6"	09/26/97 1135 hrs	Total PCB	Bound Brook/ Transect MM
MMNS2	"	0-6"	09/26/97 1135 hrs	Total PCB	Bound Brook/ Transect MM
NNSS1	"	0-6"	09/26/97 1135 hrs	Total PCB	Bound Brook/ Transect NN
NNSS2	"	0-6"	09/26/97 1130 hrs	Total PCB	Bound Brook/ Transect NN
NNSD1	"	18-24"	09/26/97 1140 hrs	Total PCB	Bound Brook/ Transect NN

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
NNSD2	Soil	18-24"	09/26/97 1200 hrs	Total PCB	Bound Brook/ Transect NN
NNNS1	"	0-6"	09/26/97 1140 hrs	Total PCB	Bound Brook/ Transect NN
NNNS1 MS/MSD	"	0-6"	09/26/97 1140 hrs	Total PCB	Matrix spike/ Matrix spike dupl.
NNNS2	"	0-6"	09/26/97 1150 hrs	Total PCB	Bound Brook/ Transect NN
NNNS3	"	0-6"	09/26/97 1140 hrs	Total PCB	Duplicate of NNNS1
OOSS1	"	0-6"	09/26/97 1210 hrs	Total PCB	Bound Brook/ Transect OO
OOSS2	"	0-6"	09/26/97 1150 hrs	Total PCB	Bound Brook/ Transect OO
OOSD1	"	18-24"	09/26/97 1212 hrs	Total PCB	Bound Brook/ Transect OO
OOSD2	"	18-24"	09/26/97 1155 hrs	Total PCB	Bound Brook/ Transect OO
OONS1	"	0-6"	09/26/97 1200 hrs	Total PCB	Bound Brook/ Transect OO
OONS2	"	0-6"	09/26/97 1200 hrs	Total PCB	Bound Brook/ Transect OO
PPSS1	"	0-6"	09/26/97 1217 hrs	Total PCB	Bound Brook/ Transect PP

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
PPSS2	Soil	0-6"	09/26/97 1210 hrs	Total PCB	Bound Brook/ Transect PP
PPSD1	"	18-24"	09/26/97 1220 hrs	Total PCB	Bound Brook/ Transect PP
PPSD2	"	18-24"	09/26/97 1215 hrs	Total PCB	Bound Brook/ Transect PP
PPNS1	"	0-6"	09/26/97 1217 hrs	Total PCB	Bound Brook/ Transect PP
PPNS1 MS/MSD	"	0-6"	09/26/97 1217 hrs	Total PCB	Matrix spike/ Matrix spike dupl.
PPNS2	"	0-6"	09/26/97 1220 hrs	Total PCB	Bound Brook/ Transect PP
PPNS3	"	0-6"	09/26/97 1217 hrs	Total PCB	Duplicate of PPNS1
QQSS1	"	0-6"	09/26/97 1348 hrs	Total PCB	Bound Brook/ Transect QQ
QQSS2	"	0-6"	09/26/97 1345 hrs	Total PCB	Bound Brook/ Transect QQ
QQSD1	"	12-18"	09/26/97 1355 hrs	Total PCB	Bound Brook/ Transect QQ
QQSD2	"	18-24"	09/26/97 1347 hrs	Total PCB	Bound Brook/ Transect QQ
QQNS1	"	0-6"	09/26/97 1348 hrs	Total PCB	Bound Brook/ Transect QQ

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
QQNS2	Soil	0-6"	09/26/97 1348 hrs	Total PCB	Bound Brook/ Transect QQ
QQND1	"	18-24"	09/26/97 1353 hrs	Total PCB	Bound Brook/ Transect QQ
QQND2	"	12-18"	09/26/97 1356 hrs	Total PCB	Bound Brook/ Transect QQ
RRSS1	"	0-6"	09/26/97 1400 hrs	Total PCB	Bound Brook/ Transect RR
RRSS2	"	0-6"	09/26/97 1355 hrs	Total PCB	Bound Brook/ Transect RR
RRSD1	"	18-24"	09/26/97 1410 hrs	Total PCB	Bound Brook/ Transect RR
RRSD2	"	12-18"	09/26/97 1405 hrs	Total PCB	Bound Brook/ Transect RR
RRNS1	"	0-6"	09/26/97 1358 hrs	Total PCB	Bound Brook/ Transect RR
RRNS2	"	0-6"	09/26/97 1405 hrs	Total PCB	Bound Brook/ Transect RR
RRND2	"	6-12"	09/26/97 1415 hrs	Total PCB	Bound Brook/ Transect RR
SSSS1	"	0-6"	09/26/97 1415 hrs	Total PCB	Bound Brook/ Transect SS
SSSS2	"	0-6"	09/26/97 1410 hrs	Total PCB	Bound Brook/ Transect SS

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
SSNS1	Soil	0-6"	09/26/97 1414 hrs	Total PCB	Bound Brook/ Transect SS
SSNS1 MS/MSD	"	0-6"	09/26/97 1414 hrs	Total PCB	Matrix spike/ Matrix spike dupl.
SSNS2	"	0-6"	09/26/97 1417 hrs	Total PCB	Bound Brook/ Transect SS
SSNS3	"	0-6"	09/26/97 1415 hrs	Total PCB	Duplicate of SSNS1
TTSS1	"	0-6"	09/26/97 1420 hrs	Total PCB	Bound Brook/ Transect TT
TTSS2	"	0-6"	09/26/97 1420 hrs	Total PCB	Bound Brook/ Transect TT
TTSD1	"	18-24"	09/26/97 1435 hrs	Total PCB	Bound Brook/ Transect TT
TTNS1	"	0-6"	09/26/97 1425 hrs	Total PCB	Bound Brook/ Transect TT
TTNS2	"	0-6"	09/26/97 1425 hrs	Total PCB	Bound Brook/ Transect TT
UUSS1	"	0-6"	09/26/97 1430 hrs	Total PCB	Bound Brook/ Transect UU
UUSS2	"	0-6"	09/26/97 1426 hrs	Total PCB	Bound Brook/ Transect UU
UUNS1	"	0-6"	09/26/97 1440 hrs	Total PCB	Bound Brook/ Transect UU

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
UUNS1 MS/MSD	Soil	0-6"	09/26/97 1440 hrs	Total PCB	Matrix spike/ Matrix spike dupl.
UUNS2	"	0-6"	09/26/97 1440 hrs	Total PCB	Bound Brook/ Transect UU
UUNS3	"	0-6"	09/26/97 1440 hrs	Total PCB	Duplicate of UUNS1
VVSS1	"	0-6"	09/26/97 1450 hrs	Total PCB	Bound Brook/ Transect VV
VVSS2	"	0-6"	09/26/97 1445 hrs	Total PCB	Bound Brook/ Transect VV
VVSD1	"	18-24"	09/26/97 1500 hrs	Total PCB	Bound Brook/ Transect VV
VVNS1	"	0-6"	09/26/97 1449 hrs	Total PCB	Bound Brook/ Transect VV
VVNS2	"	0-6"	09/26/97 1450 hrs	Total PCB	Bound Brook/ Transect VV
WWSS1	"	0-6"	09/26/97 1455 hrs	Total PCB	Bound Brook/ Transect WW
WWSS2	"	0-6"	09/26/97 1458 hrs	Total PCB	Bound Brook/ Transect WW
WWSD1	"	18-24"	09/26/97 1530 hrs	Total PCB	Bound Brook/ Transect WW
WWSD2	"	18-24"	09/26/97 1510 hrs	Total PCB	Bound Brook/ Transect WW

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
WWNS1	Soil	0-6"	09/26/97 1505 hrs	Total PCB	Bound Brook/ Transect WW
WWNS2	"	0-6"	09/26/97 1502 hrs	Total PCB	Bound Brook/ Transect WW
NNND2	"	18-24"	09/26/97 1158 hrs	Total PCB	Bound Brook/ Transect NN
RB-6	Aqueous	N/A	09/26/97 1540 hrs	Total PCB	Rinsate Blank

Notes:

1. The following proposed samples were not collected due to the presence of bedrock at a depth of 6" below the streambed: AASED(D), CCSED(D) through JJSED(D), LLSED(D) through OOSED(D), QQSED(D), RRSED(D), VVSED(D), WWSED(D), XSED(D), and YSED(D).

2. The following proposed samples were not collected due to the presence of bedrock at a depth of 6" below the ground surface: EEND1, EEND2, FFSD1, FFSD2, OOND1, OOND2, and VVSD2.

3. The following proposed samples were not collected due to the presence of first groundwater at a depth of 6" below the ground surface: XSD1, EESD1, EESD2, FFND1, IISD1, MMND1, NNND1, SSND1, and SSND2.

4. The following proposed samples were not collected due to the presence of first groundwater at a depth of 12" below the ground surface: AAND1 and UUND2.

5. Proposed sample DDND2 was not collected due to refusal at 3" below ground surface.

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

SEPTEMBER 25 and 26, 1997

Notes (continued):

6. The following proposed samples were not collected due to refusal at 6" below ground surface: BBND2, DDND1, HHND1, IIND1, IIND2, JJND1, KKND2, LLND2, MMND2, PPND1, PPND2, RRND1, UUND1, VVND2, WWND1, and WWND2

7. The following proposed samples were not collected due to refusal at 12" below ground surface: BBND1, TTND1, TTND2, and VVND1.

8. The following proposed samples were not collected due to the presence of rock/roadbed at a depth at 6" below ground surface: MMSD1, MMSD2, TTSD2, UUSD1, and UUSD2.

9. The following proposed samples were not collected due to the presence of crushed stone at a depth at 6" below ground surface: SSSD1 and SSSD2.

10. Proposed samples HHNS2 and HHND2 were not collected. Pavement was encountered at these proposed sample boring locations.

ATTACHMENT 1

CHAIN OF CUSTODY RECORDS

2121

O No.

85407

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
AASED(S)	092597 11:41	5	L	G	6				X						TOTAL PCBs
BBSED(S)	092597 11:30	5	L	G	6				X						
BBSED(D)	092597 11:45	5	L	G	6				X						
CCSED(S)	092597 11:20	5	L	G	6				X						
DDSED(S)	092597 11:25	5	L	G	6				X						
EESED(S)	092597 11:15	5	L	G	6				X						
FFSED(S)	092597 11:05	5	L	G	6				X						
GGSED(S)	092597 11:08	5	L	G	6				X						MS/MSD
HHSED(S)	092597 10:50	5	L	G	6				X						
ITSED(S)	092597 11:55	5	L	G	6				X						
JJSED(S)	092597 10:50	5	L	G	6				X						

Comments: PAGE ONE OF 7

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
Christoph Stannik	15:30	09-25-97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	C. Stannik	1700	9-25	Lab Transport	L. Zaccone #66 Impulse

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

CEP No.: 2121

PO No.: 85[redacted]07

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.	Preservative Box No.
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
KKSED(S)	092597 10:34	5	L	G	6				X						TOTAL PCBs
KKSED(D)	092597 10:42	5	L	G	6				X						
LLSED(S)	092597 10:40	5	L	G	6				X						
MMSED(S)	092597 10:24	5	L	G	6				X						
NNSED(S)	092597 10:25	5	L	G	6				X						
OOSED(S)	092597 10:12	5	L	G	6				X						MS/MSD
P[redacted]ED(S)	092597 1005	5	L	G	6				X						
PPSED(D)	092597 10:10	5	L	G	6				X						
QQSED(S)	092597 0956	5	L	G	6				X						
RRSED(S)	092597 10:00	5	L	G	6				X						
SSSED(S)	092597 09:41	5	L	G	6				X						

Comments: PAGE 2 OF 7

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
Christoph Stannik	15:30	09-25-97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	Christoph St[illegible]	1700	9-25	J. Zaccone #66	Lab Transport
				Jim Pulse	

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
[redacted]					

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

21

409

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7057

1. Surface Water
2. Ground Water
3. Leachate
4. Rinsate
5. Soil/Sediment
6. Oil
7. Waste
8. Other (Specify)

1. HCl
2. HNO3
3. Na2SO4
4. H2SO4
5. Other (Specify)
6. Ice Only
N. Not Preserved
* See Comments

Verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Sinin Sumisty, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box A)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box A)	RAS ANALYSIS VOA	BNA	PEST/PCB	TAL/CN	RCRA ANALYSIS IGN	COR	REAC	OTHER	
													TOTAL PCBs	
SED(D)	092597 09:51	5	L	G	6			X						
ED(S)	092597 09:45	5	L	G	6			X						
SED(D)	092597 09:50	5	L	G	6			X						
1SED(S)	092597 09:31	5	L	G	6			X						
1SED(D)	092597 09:35	5	L	G	6			X						
VSED(S)	092597 09:30	5	L	G	6			X						MS/MSD
2WSED(S)	092597 09:36	5	L	G	6			X						
OWSED(S)-1	092597 09:36	5	L	G	6			X						
XSED(S)	092597 12:00	5	L	G	6			X						
YSED(S)	092597 11:55	5	L	G	6			X						
ZSED(S)	092597 ~~12:08~~ 11:49	5	L	G	6			X						

Comments: PAGE 3 OF 7

Person Assuming Responsibility for Sample: CHRISTOPH STANNIK

Time: 15:30 Date (MM/DD/YY): 9-25-97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	Christoph Stannik	1700	9-25	J. Zaccone / Jim Perelle	Lab Transport
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

FP No.: 2121

PO No.: 85[illegible]07

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS KIN	COR	REAC	OTHER
ZSED(D)	092597 12:00	5	L	G	6				X						TOTAL PCBs
DR GG	092597 11:20	5	L	G	6				X						
GGSED(S)-1	092597 11:08	5	L	G	6				X						
OOSED(S)-1	092597 10:12	5	L	G	6				X						
XSS1	092597 14:30	5	L	G	6				X						
XSS2	092597 1415	5	L	G	6				X						
X[illegible]2	092597 1420	5	L	G	6				X						
YSS1	092597 1405	5	L	G	6				X						
YSS2	092597 1400	5	L	G	6				X						
YSD1	092597 1415	5	L	G	6				X						
YSD2	092597 1405	5	L	G	6				X						

Comments: PAGE 4 OF 7

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
Christof [illegible]	15:30	9-25-97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	Christof [illegible]	1700	9-25	[illegible] Zaccone #66 Impulse	Lab Transport

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

REP No.: 2121

PO No.: 85407

CHAIN OF CUSTODY RECORD

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.	Preservative Box No.
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
ZSS1	092597 1430	5	L	G	6				X						TOTAL PCBs
ZSS2	092597 1430	5	L	G	6				X						
ZSD1	092597 1445	5	L	G	6				X						
ZSD2	092597 1435	5	L	G	6				X						
AASS1	092597 1450	5	L	G	6				X						
AASS2	092597 1445	5	L	G	6				X						
A[illegible]D1	092597 1500	5	L	G	6				X						
AASD2	092597 1450	5	L	G	6				X						
YNS1	092597 1405	5	L	G	6				X						
YNS2	092597 1418	5	L	G	6				X						
YND1	092597 1405	5	L	G	6				X						

Comments: PAGE 5 OF 7

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
CHRISTOPH STANNIK	15:30	9-25-97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	Christoph Stannik	9-25	1700	J. Zaccone #66 Impulse	Lab Transport

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

No.: 2121

No.: 5[illegible]7

CHAIN OF CUSTODY RECORD

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-WS-0019
Phone: 908-225-6116 Fax: 908-225-7037

1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

d verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS KIN	COR	REAC	OTHER
ND2	092597 1422	5	L	G	6				X						TOTAL PCBs
NS1	092597 1410	5	L	G	6				X						
NS2	092597 1415	5	L	G	6				X						
ND1	092597 1415	5	L	G	6				X						
ND2	092597 1425	5	L	G	6				X						
ZNS1	092597 1435	5	L	G	6				X						MS/MSD
ZNS2	092597 1440	5	L	G	6				X						
ZND1	092597 1440	5	L	G	6				X						
ZND2	092597 1445	5	L	G	6				X						
AAND2	092597 1455	5	L	G	6				X						
AANS1	092597 1455	5	L	G	6				X						

Comments: PAGE 6 OF 6

Person Assuming Responsibility for Sample: Christoph Hannik

Time: 15:30 Date (MM/DD/YY): 9-25-97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	Christoph H[illegible]	1700	9-25	J. Zaccone #66 Impulse	Lab Transport

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

FP No.: 2121

D No.: 85[redacted]07

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSES VOA	BNA	PEST	PCB	TAL	CN	RCRA ANALYSES KEY	COR	REAC	OTHER
AANS2	092597 1458	S	L	G	6				X						TOTAL PCBs
7NS3	092597 1435	S	L	G	6				X						
RB5	092597 1510	4	L	G	6				X						

Comments: PAGE 7 OF 7

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
Christoph Stannik	15:30	9-25-97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	Christoph Stannik	1700	9-25	Zaccone #66 Impulse	Lab Transport
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sanders Associates, PRC Environmental

RFP No.:
2121
PO[redacted]:
85407

CHAIN OF CUSTODY RECORD

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	BAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
RBNS1	9/25/97 15:22	5	L	G	6				X						TOTAL PCBs
RBNS2	9/25/97 15:30	5	L	G	6				X						
CCNS1	9/25/97 1540	5	L	G	6				X						MS/MSD
CCNS2	9/25/97 15:46	5	L	G	6				X						
CCNS3	9/25/97 15:40	5	L	G	6				X						
CCND1	9/25/97 15:42	5	L	G	6				X						
CCND2	9/25/97 15:50	5	L	G	6				X						
DDNS1	9/25/97 15:55	5	L	G	6				X						
DDNS2	9/25/97 15:57	5	L	G	6				X						
EENS1	9/25/97 16:00	5	L	6	6				X						
EENS2	9/25/97 15:55	5	L	G	6				X						

Comments: PAGE 1 OF 13

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
CHRISTOPH STANNIK	15:00	9/26/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	[illegible]	1700	9/26	Impulse	Lab Transport
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION

FP No.:	CHAIN OF CUSTODY RECORD	Matrix Box No.:	Preservative Box No.:
2121	WESTON. MANAGERS DESIGNERS/CONSULTANTS	1. Surface Water	1. HCl
O No.	SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM	2. Ground Water	2. HNO3
85407	EPA CONTRACT 68-W5-0019	3. Leachate	3. Na2SO4
	Phone: 908-225-6116 Fax: 908-225-7037	4. Rinsate	4. H2SO4
		5. Soil/Sediment	5. Other (Specify)
		6. Oil	6. Ice Only
		7. Waste	N. Not Preserved
		8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
BBSS 1	9/25/97, 15:05	5	L	G	6				X						TOTAL PCBs
BBSS 2	9/25/97, 15:00	5	L	G	6				X						
BBSD 1	9/25/97 15:10	5	L	G	6				X						
BBSD 2	9/25/97 15:05	5	L	G	6				X						
CCSS 1	9/25/97 15:20	5	L	G	6				X						
CCSS 2	9/25/97 15:15	5	L	G	6				X						
CCSD 1	9/25/97 15:25	5	L	G	6				X						
CCSD 2	9/25/97 15:20	5	L	G	6				X						
DDSS 1	9/25/97 15:30	5	L	G	6				X						
DDSS 2	9/25/97 15:30	5	L	G	6				X						
DDSD 1	9/25/97 15:40	5	L	G	6				X						

Comments:
PAGE 2 OF 13

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
CHRISTOPH STANNIK	15:00	9/26/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	Christoph Stannik	1700	9/26	Impulse	Lab Transport
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION

CHAIN OF CUSTODY RECORD

P No.: 2121

D No.: 85407

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS KIN	COR	REAC	OTHER
DDSD2	9/25/97 15:35	5	L	G	6				X						TOTAL PCBs
EESS1	9/25/97 15:45	5	L	G	6				X						
EESS2	9/25/97 15:45	5	L	G	6				X						
FFNS1	9/26/97 09:45	5	L	G	6				X						
FFNS2	9/26/97 09:45	5	L	G	6				X						
FFND2	9/26/97 09:50	5	L	G	6				X						
GGNS1	9/26/97 10:40	5	L	G	6				X						MS/MSD
GGNS2	9/26/97 10:04	5	L	G	6				X						
GGNS3	9/26/97 10:10	5	L	G	6				X						
GGND1	9/26/97 10:15	5	L	G	6				X						
GGND2	9/26/97 10:17	5	L	G	6				X						

Comments: PAGE 3 OF 13

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
CHRISTOPH STANNIK	15:00	9/26/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	Christoph Stannik	1700	9/26	Impulse	Lab Transport

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION

RFP No.:
2121
PO No.:
85407

CHAIN OF CUSTODY RECORD

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS XRN	COR	REAC	OTHER
HHNS1	9/26/97 10:20	5	L	G	6				X						TOTAL PCBs
IINS1	9/26/97 10:30	5	L	G	6				X						MS/MSD
IINS2	9/26/97 10:32	5	L	G	6				X						
IINS3	9/26/97 10:30	5	L	G	6				X						
JJNS1	9/26/97 10:46	5	L	G	6				X						
JJNS2	9/26/97 10:47	5	L	G	6				X						
JJND2	9/26/97 10:55	5	L	G	6				X						
KKNS1	9/26/97 10:58	5	L	G	6				X						
KKNS2	9/26/97 11:00	5	L	G	6				X						
KKND1	9/26/97 11:08	5	L	G	6				X						
LLNS1	9/26/97 11:15	5	L	G	6				X						MS/MSD

Comments: PAGE 4 OF 13

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
CHRISTOPH STANNIK	15:00	9/26/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	[illegible]	7PM	9/26	Impulse	Lab transport
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental

CHAIN OF CUSTODY RECORD

FP No.: 2121

D No.: 85407

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS XIN	COR	REAC	OTHER
LLNS2	9/26/97 11:15	5	L	G	6				X						TOTAL PCBs
LLNS3	9/26/97 11:15	5	L	G	6				X						
LLND1	9/26/97 11:22	5	L	G	6				X						
MMNS1	9/26/97 11:35	5	L	G	6				X						
MMNS2	9/26/97 11:35	5	L	G	6				X						
NNNS1	9/26/97 11:40	5	L	G	6				X						MS/MSD
NNNS2	9/26/97 11:50	5	L	G	6				X						
NNNS3	9/26/97 11:40	5	L	G	6				X						
NNND2	9/26/97 11:58	5	L	G	6				X						
OONS1	9/26/97 12:00	5	L	G	6				X						
OONS2	9/26/97 12:00	5	L	G	6				X						

Comments: PAGE 5 OF 13

Person Assuming Responsibility for Sample: CHRISTOPH STANNIK — Time: 15:00 — Date (MM/DD/YY): 9/26/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	[illegible]	1700	9/26	[illegible]	Lab Transport

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION

RFP No.:
2121
PO No.:
85407

CHAIN OF CUSTODY RECORD

WESTON. MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	RNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
PPNS1	9/26/97 12:17	5	L	G	6				X						TOTAL PCBs (MS/MSD)
PPNS2	9/26/97 12:20	5	L	G	6				X						
PPNS3	9/26/97 12:17	5	L	G	6				X						
FFSS1	9/26/97 0955	5	L	G	6				X						
FFSS2	9/26/97 0946	5	L	G	6				X						
G6SS1	9/26/97 10:00	5	L	G	6				X						
G6SS2	9/26/97 09:56	5	L	G	6				X						
G6SD1	9/26/97 10:10	5	L	G	6				X						
G6SD2	9/26/97 10:00	5	L	G	6				X						
HHSS1	9/26/97 10:15	5	L	G	6				X						
HHSS2	9/26/97 10:10	5	L	G	6				X						

Comments: PAGE 6 OF 13

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
CHRISTOPH STANNIK	15:00	9/26/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	Christoph Stannik	1700	9/26	Impulse	Lab Transport
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental

RFP No.: 2121

PO No.: 85407

CHAIN OF CUSTODY RECORD

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 904-225-6116 Fax: 904-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste:	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS XRN	COR	REAC	OTHER
HHSD1	9/26/97 10:30	5	L	G	6				X						TOTAL PCBs
HHSD2	9/26/97 10:15	5	L	G	6				X						
IISS1	9/26/97 10:30	5	L	G	6				X						
IISS2	9/26/97 10:25	5	L	G	6				X						
IISD2	9/26/97 10:30	5	L	G	6				X						
JJSS1	9/26/97 10:40	5	L	G	6				X						
JJSS2	9/26/97 10:35	5	L	G	6				X						
JJSD1	9/26/97 10:45	5	L	G	6				X						
JJSD2	9/26/97 10:41	5	L	G	6				X						
KKSS1	9/26/97 10:55	5	L	G	6				X						
KKSS2	9/26/97 10:50	5	L	G	6				X						

Comments: PAGE 7 OF 13

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
~~PAGE 7 OF~~ CHRISTOPH STANNIK	1500	9/26/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	Christoph Stannik	1500	9/26	Impulse	Lab Transport
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental

P No.: 2121

No.: 85907

CHAIN OF CUSTODY RECORD

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 904-225-6116 Fax: 904-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

nd verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

ample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS ION	COR	REAC	OTHER
KSD1	9/26/97 11:00	5	L	G	6				X						TOTAL PCBs
KSD2	9/26/97 11:00	5	L	G	6				X						
LSS1	9/26/97 11:10	5	L	G	6				X						
LSS2	9/26/97 11:02	5	L	G	6				X						
LSD1	9/26/97 11:20	5	L	G	6				X						
LSD2	9/26/97 11:10	5	L	G	6				X						
MSS1	9/26/97 11:25	5	L	G	6				X						
MSS2	9/26/97 11:20	5	L	G	6				X						
NSS1	9/26/97 11:35	5	L	G	6				X						
NSS2	9/26/97 11:30	5	L	G	6				X						
NSD1	9/26/97 11:40	5	L	G	6				X						

ments: PAGE 8 OF 13

n Assuming Responsibility for Sample: CHRISTOPH STANNIK | Time: 15:00 | Date (MM/DD/YY): 9/26/97

le Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	[signature]	1700	9/26	Impulse	Lab Transport
le Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ie Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

F. Weston, Inc.
ERAL PROGRAMS DIVISION
sociation with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental

RFP No.: 2121

PO No.: 85407

CHAIN OF CUSTODY RECORD

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
NNSD2	9/26/97 12:00	5	L	G	6				X						TOTAL PCBs
OOSS1	9/26/97 12:10	5	L	G	6				X						
OOSS2	9/26/97 11:50	5	L	G	6				X						
OOSD1	9/26/97 12:12	5	L	G	6				X						
OOSD2	9/26/97 11:55	5	L	G	6				X						
PPSS1	9/26/97 12:17	5	L	G	6				X						
PPSS2	9/26/97 12:10	5	L	G	6				X						
PPSD1	9/26/97 12:20	5	L	G	6				X						
PPSD2	9/26/97 12:55	5	L	G	6				X						
QQSS1	9/26/97	5	L	G	6				X						
QQSS2	9/26/97	5	L	G	6				X						

Comments: PAGE 9 OF 13

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
CHRISTOPH STANNIK	15:00	9/26/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	[illegible]	9/26	9/26	[illegible]	Lab Transfer
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental

RFP No.: 2121

PO No.: 85407

CHAIN OF CUSTODY RECORD

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 904-225-6116 Fax: 904-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS KIN	COR	REAC	OTHER
RQSD1	9/26/97 13:55	5	L	G	6				X						TOTAL PCBs
RQSD2	9/26/97 13:47	5	L	G	6				X						
RRSS1	9/26/97 14:00	5	L	G	6				X						
RRSS2	9/26/97 13:55	5	L	G	6				X						
RRSD1	9/26/97 14:10	5	L	G	6				X						
RRSD2	9/26/97 14:05	5	L	G	6				X						
SSS1	9/26/97 14:15	5	L	G	6				X						
SSS2	9/26/97 14:10	5	L	G	6				X						
~~SSD~~ TTSS1	9/26/97 14:20	5	L	G	6				X						
TTSS2	9/26/97 14:10	5	L	G	6				X						
TTSD1	9/26/97 14:35	5	L	G	6				X						

Comments: PAGE 10 OF 13

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
CHRISTOPH STANNK	15:00	9/26/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	[illegible]	1700	9/26	Impulse	Lab Transport

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and CRR Environmental Services, Inc.

No.: 2121
No.: 85907

CHAIN OF CUSTODY RECORD

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

d verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

mple Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #s)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
USS1	9/26/97 1430	5	L	G	6				X						TOTAL PCBs
USS2	9/26/97 1426	5	L	G	6				X						
VSS1	9/26/97 1450	5	L	G	6				X						
VSS2	9/26/97 1445	5	L	G	6				X						
VSD1	9/26/97 1500	5	L	G	6				X						
OWSS1	9/26/97 1455	5	L	G	6				X						
OWSS2	9/26/97 1458	5	L	G	6				X						
OWSD1	9/26/97 1530	5	L	G	6				X						
OWSD2	9/26/97 1510	5	L	G	6				X						
QNS1	9/26/97 1348	5	L	G	6				X						
QNS2	9/26/97 1348	5	L	G	6				X						

nments: PAGE 11 OF 13

son Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
CHRISTOPH STANNIK	1530	9/26/97

mple Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	Christoph Stannik	1700	9/26	Impulse	Lab Transport
mple Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
mple Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

y F. Weston, Inc.
DERAL PROGRAMS DIVISION
Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental

CHAIN OF CUSTODY RECORD

FP No.: 2121

O No.: 85407

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 904-225-6116 Fax: 904-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	TAL ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
QQNS1	9/26/97 1353	5	L	G	6				X						TOTAL PCB
QQNS2	9/26/97 1356	5	L	G	6				X						
RRNS1	9/26/97 1358	5	L	G	6				X						
RRNS2	9/26/97 1405	5	L	G	6				X						
RRND2	9/26/97 1415	5	L	G	6				X						
SSNS1	9/26/97 1414	5	L	G	6				X						MS/MSD
SSNS2	9/26/97 1417	5	L	G	6				X						
SSNS3	9/26/97 1415	5	L	G	6				X						
TTNS1	9/26/97 1425	5	L	G	6				X						
TTNS2	9/26/97 1425	5	L	G	6				X						
UUNS1	9/26/97 1440	5	L	G	6				X						MS/MSD

Comments: PAGE 12 OF 13

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
CHRISTOPH STANNIK	15:30	9/26/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	Christoph Stannik	1700	9/26	Impulse	Lab Transport
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental

407

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
UUNS2	9/26/97 1440	5	L	G	6				X						TOTAL PCBS
UUNS3	9/26/97 1440	5	L	G	6				X						
~~UUND1~~															
~~UUND~~															
VVNS1	9/26/97 1449	5	L	G	6				X						
VVNS2	9/26/97 1450	5	L	G	6				X						
WWNS1	9/26/97 1505	5	L	G	6				X						
WWNS2	9/26/97 1502	5	L	G	6				X						
RB-6	9/26/97 1540	4	L	G	6				X						RINSATE

Comments: PAGE 13 OF 13

Person Assuming Responsibility for Sample: CHRISTOPH STANNIK

Time: 15:30 Date (MM/DD/YY): 9/26/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	Christoph Stannik	1700	9/26	Impulse	Lab Transport

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc.; R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

Roy F. Weston, Inc.
Federal Programs Division
Suite 201
1090 King Georges Post Road
Edison, New Jersey 08837-3703
908-225-6116 • Fax 908-225-7037

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019

October 21, 1997

Mr. Dan Harkay
U.S. Environmental Protection Agency
Removal Action Branch
2890 Woodbridge Avenue
Edison, New Jersey 08837

TDD NO: 02-97-09-0015
DCN NO: START-02-F-01432
SUBJECT: SAMPLING TRIP REPORT
CORNELL-DUBILIER ELECTRONICS,
SOUTH PLAINFIELD, NEW JERSEY

Dear Mr. Harkay:

Enclosed please find one (1) copy of the Sampling Trip Report for the soil/sediment sampling activities conducted at the above referenced site on October 16, 1997. If you have any questions or comments, please contact me at (908) 225-6116.

Sincerely,

ROY F. WESTON, INC.

M. Mahnkopf

Michael Mahnkopf
Project Manager

Enclosure

SAMPLING TRIP REPORT

SITE NAME: Cornell-Dubilier Electronics
DCN #: START-02-F-01432
TDD #: 02-97-09-0015
PCS #: 2137

SAMPLING DATE: October 16, 1997

EPA I.D. NO.: GZ

1. Site Location: Former Cornell-Dubilier Electronics
333 Hamilton Boulevard, South Plainfield, New Jersey
(See Figure 1)

2. Sample Descriptions: Sixty-one (61) surface and subsurface soil/sediment samples (including field duplicates and MS/MSD's) and one (1) field rinsate blank were collected and submitted for total polychlorinated biphenyl (PCB) analysis. See Table 1 for additional information.

3. Laboratory Receiving Samples:

Analysis	Name and Address of Laboratory
Total PCBs	Chemtech Consulting Group 110 Route 4 Englewood, NJ 07631 (201) 567-6868

4. Sample Dispatch Data:

On October 17, 1997, a total of sixty-two (62) samples were received by Impulse Courier Service, Inc. personnel at the Region II START office, located in Edison, New Jersey. The samples were received by Impulse for transport to Chemtech.

5. On-Site Personnel:

Name	Representing	Duties on Site
Dan Harkay	U.S. EPA	On-Scene Coordinator
Michael Mahnkopf	Region II START	Project Manager

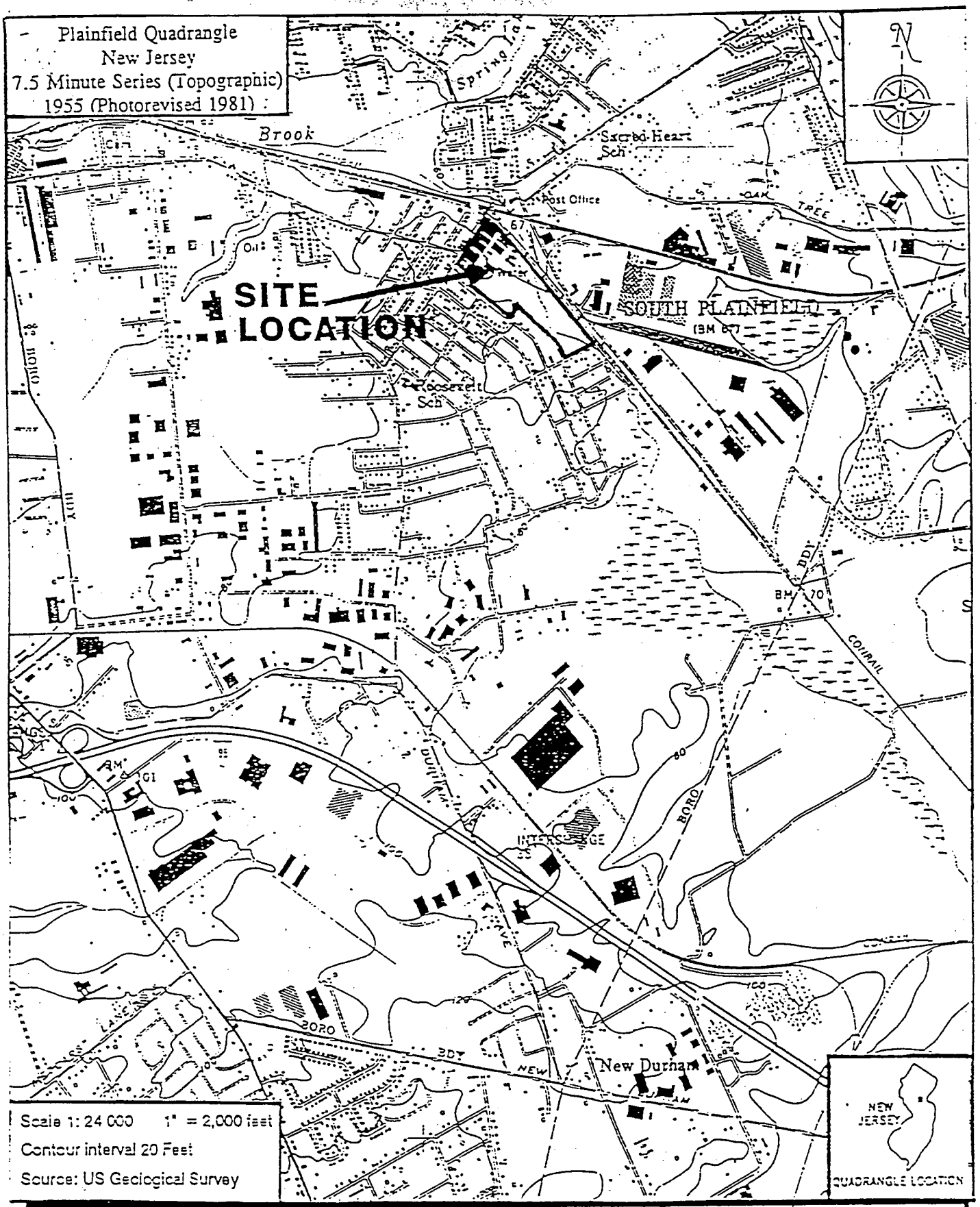
6. Additional Comments:

On October 16, 1997, a total of sixty-one (61) soil/sediment samples were collected from twenty-nine (29) sample boring locations. The sixty-one (61) samples included twenty (20) surface soil samples, twenty (20) subsurface soil samples, twelve (12) sediment samples, three (3) field duplicates, three (3) matrix spike and three (3) matrix spike duplicate samples. All samples were collected with either dedicated plastic scoops/spatulas or non-dedicated stainless steel hand augers. Additionally, one (1) field rinsate blank was generated and submitted for laboratory analysis.

Enclosed as Attachment A are copies of the chain of custody records.

7. Report prepared by: Michael Mahnkopf M.M. Date: October 20, 1997

8. Report reviewed by: Thomas O'Neill TO Date: October 21, 1997



WESTON MANAGERS DESIGNERS/CONSULTANTS — **Roy F. Weston, Inc.** FEDERAL PROGRAMS DIVISION	EPA TM D. HARKAY	CORNELL-DUBILIER ELECTRONICS S. PLAINFIELD, NJ
IN ASSOCIATION WITH RESOURCE APPLICATION, Inc. C.C. JOHNSON & MALHOTRA, P.C., R.E. SARRIERA ASSOCIATES, PRC ENVIRONMENTAL MANAGEMENT, AND GRB ENVIRONMENTAL SERVICES, INC.	START PM M. MAHNKOPF	FIGURE 1 SITE LOCATION MAP

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

OCTOBER 16, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
XXNS1	Soil	0-6"	10/16/97 1335 hrs.	Total PCB	Bound Brook/ Transect XX
XXNS2	Soil	0-6"	10/16/97 1335 hrs.	Total PCB	Bound Brook/ Transect XX
XXNS3	Soil	0-6"	10/16/97 1335 hrs.	Total PCB	Duplicate of XXNS1
XXNS1 MS/MSD	Soil	0-6"	10/16/97 1335 hrs.	Total PCB	Matrix spike/ Matrix spike dupl.
XXSED(S)	Sediment	0-6"	10/16/97 1405 hrs.	Total PCB	Bound Brook/ Transect XX
XXND1	Soil	18-24"	10/16/97 1350 hrs.	Total PCB	Bound Brook/ Transect XX
XXND2	Soil	12-18"	10/16/97 1355 hrs.	Total PCB	Bound Brook/ Transect XX
XXSS1	Soil	0-6"	10/16/97 1340 hrs.	Total PCB	Bound Brook/ Transect XX
XXSS2	Soil	0-6"	10/16/97 1340 hrs.	Total PCB	Bound Brook/ Transect XX
XXSD1	Soil	12-18"	10/16/97 1350 hrs.	Total PCB	Bound Brook/ Transect XX
XXSD2	Soil	12-18"	10/16/97 1400 hrs.	Total PCB	Bound Brook/ Transect XX
YYNS1	Soil	0-6"	10/16/97 1300 hrs.	Total PCB	Bound Brook/ Transect YY

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

OCTOBER 16, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
YYNS2	Soil	0-6"	10/16/97 1305 hrs.	Total PCB	Bound Brook/ Transect YY
YYND1	Soil	18-24"	10/16/97 1310 hrs.	Total PCB	Bound Brook/ Transect YY
YYND2	Soil	18-24"	10/16/97 1312 hrs.	Total PCB	Bound Brook/ Transect YY
YYSED(S)	Sediment	0-6"	10/16/97 1325 hrs.	Total PCB	Bound Brook/ Transect YY
YYSS1	Soil	0-6"	10/16/97 1305 hrs.	Total PCB	Bound Brook/ Transect YY
YYSS2	Soil	0-6"	10/16/97 1305 hrs.	Total PCB	Bound Brook/ Transect YY
YYSD1	Soil	18-24"	10/16/97 1310 hrs.	Total PCB	Bound Brook/ Transect YY
YYSD2	Soil	18-24"	10/16/97 1320 hrs.	Total PCB	Bound Brook/ Transect YY
ZZNS1	Soil	0-6"	10/16/97 1230 hrs.	Total PCB	Bound Brook/ Transect ZZ
ZZNS1 MS/MSD	Soil	0-6"	10/16/97 1230 hrs.	Total PCB	Matrix spike/ Matrix spike dupl.
ZZNS2	Soil	0-6"	10/16/97 1235 hrs.	Total PCB	Bound Brook/ Transect ZZ
ZZNS3	Soil	0-6"	10/16/97 1230 hrs.	Total PCB	Duplicate of ZZNS1

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

OCTOBER 16, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
ZZND1	Soil	12-18"	10/16/97 1245 hrs.	Total PCB	Bound Brook/ Transect ZZ
ZZND2	Soil	18-24"	10/16/97 1240 hrs.	Total PCB	Bound Brook/ Transect ZZ
ZZSED(S)	Sediment	0-6"	10/16/97 1255 hrs.	Total PCB	Bound Brook/ Transect ZZ
ZZSED(D)	Sediment	12-18"	10/16/97 1300 hrs.	Total PCB	Bound Brook/ Transect ZZ
ZZSS1	Soil	0-6"	10/16/97 1230 hrs.	Total PCB	Bound Brook/ Transect ZZ
ZZSS2	Soil	0-6"	10/16/97 1225 hrs.	Total PCB	Bound Brook/ Transect ZZ
ZZSD1	Soil	12-18"	10/16/97 1235 hrs.	Total PCB	Bound Brook/ Transect ZZ
ZZSD2	Soil	12-18"	10/16/97 1245 hrs.	Total PCB	Bound Brook/ Transect ZZ
AAANS1	Soil	0-6"	10/16/97 1200 hrs.	Total PCB	Bound Brook/ Transect AAA
AAANS2	Soil	0-6"	10/16/97 1205 hrs.	Total PCB	Bound Brook/ Transect AAA
AAAND1	Soil	18-24"	10/16/97 1220 hrs.	Total PCB	Bound Brook/ Transect AAA

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

OCTOBER 16, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
AAAND2	Soil	12-18"	10/16/97 1210 hrs.	Total PCB	Bound Brook/ Transect AAA
AAASED(S)	Sediment	0-6"	10/16/97 1215 hrs.	Total PCB	Bound Brook/ Transect AAA
AAASED(D)	Sediment	18-24"	10/16/97 1220 hrs.	Total PCB	Bound Brook/ Transect AAA
AAASS1	Soil	0-6"	10/16/97 1201 hrs.	Total PCB	Bound Brook/ Transect AAA
AAASS2	Soil	0-6"	10/16/97 1205 hrs.	Total PCB	Bound Brook/ Transect AAA
AAASD1	Soil	12-18"	10/16/97 1205 hrs.	Total PCB	Bound Brook/ Transect AAA
AAASD2	Soil	18-24"	10/16/97 1210 hrs.	Total PCB	Bound Brook/ Transect AAA
BBBNS1	Soil	0-6"	10/16/97 1120 hrs.	Total PCB	Bound Brook/ Transect BBB
BBBNS1 MS/MSD	Soil	0-6"	10/16/97 1120 hrs.	Total PCB	Matrix spike/ Matrix spike dupl.
BBBNS2	Soil	0-6"	10/16/97 1125 hrs.	Total PCB	Bound Brook/ Transect BBB
BBBNS3	Soil	0-6"	10/16/97 1120 hrs.	Total PCB	Duplicate of BBBNS1
BBBSED(S)	Sediment	0-6"	10/16/97 1150 hrs.	Total PCB	Bound Brook/ Transect BBB

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

OCTOBER 16, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
BBBSED(D)	Sediment	6-12"	10/16/97 1155 hrs.	Total PCB	Bound Brook/ Transect BBB
BBBND1	Soil	18-24"	10/16/97 1140 hrs.	Total PCB	Bound Brook/ Transect BBB
BBBND2	Soil	18-24"	10/16/97 1135 hrs.	Total PCB	Bound Brook/ Transect BBB
BBBSS1	Soil	0-6"	10/16/97 1130 hrs.	Total PCB	Bound Brook/ Transect BBB
BBBSS2	Soil	0-6"	10/16/97 1132 hrs.	Total PCB	Bound Brook/ Transect BBB
BBBSD1	Soil	12-18"	10/16/97 1140 hrs.	Total PCB	Bound Brook/ Transect BBB
BBBSD2	Soil	18-24"	10/16/97 1145 hrs.	Total PCB	Bound Brook/ Transect BBB
SWSED(S)	Sediment	0-6"	10/16/97 1515 hrs.	Total PCB	Bound Brook/ Spillway South
DPSSED(S)	Sediment	0-6"	10/16/97 1520 hrs.	Total PCB	Bound Brook/ Discharge Pipe South
BRSSED(S)	Sediment	0-6"	10/16/97 1555 hrs.	Total PCB	Bound Brook/ Bridge South
SPLKDD	Sediment	0-6"	10/16/97 1540 hrs.	Total PCB	Bound Brook/ Spring Lake Discharge
RB-7	Aqueous	N/A	10/16/97 1700 hrs.	Total PCB	Rinsate Blank

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
SOIL/SEDIMENT SAMPLING & ANALYSIS

OCTOBER 16, 1997

Notes:

1. The following proposed samples were not collected due to the presence of bedrock at a depth of 6" below the streambed: XXSED(D) and YYSED(D).

ATTACHMENT 1

CHAIN OF CUSTODY RECORDS

RFP No.: 2121

PO No.: 86407

CHAIN OF CUSTODY RECORD

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.	
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS KEN	COR	REAC	OTHER
XXNS1	10/16/97 1335	5	L	G	6				X						MS/MSD
XXNS2	1335								X						
XXNS3	1335								X						
XXSED(S)	1405								X						
~~XXSED(D)~~	MM														
XXND1	10/16/97 1350	5	L	G	6				X						
XXND2	1355								X						
XXSS1	1340								X						
XXSS2	1340								X						
XXSD1	1350								X						
XXSD2	1400								X						

Comments: PS / 066

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
M. Mahnkopf	1130	10/17/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	M. Mahnkopf	1540	10/17/97	Jorge Rivas	TRANFER TO LAB

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

REP No.: 2121

PO No.: 85407

CHAIN OF CUSTODY RECORD

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

MATRIX BOX NO.	PRESERVATION
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS KIN	COR	REAC	OTHER
YYNS1	10/16/97 1300	5	L	G	6				X						
YYNS2	1305								X						
YYND1	1310								X						
YYND2	1312								X						
YYSED(5)	1325								X						
YYSS1	1305								X						
YYSS2	1305								X						
YYSD1	1310								X						
YYSD2	1320								X						
ZZNS1	1230								X						MS/MSD
ZZNS2	1235								X						

Comments: Pg 2 of 6

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
M. Mahkey	1130	10/17/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALC	M. Mahkey	1540	10/17/97	Jorge Rivas	TRANFER TO LAB

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

REP. No.: 2121

PO No.: 83407

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7237

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	RCRA ANALYSIS TALCN	CN	COR	REAC	OTHER
ZZNS3	10/16/97 1230	S	L	G	6				X					
ZZND1	1245								X					
ZZND2	1240								X					
ZZSED(S)	1255								X					
ZZSED(D)	1300								X					
ZZSS1	1230								X					
ZZSS2	1225								X					
ZZSD1	1235								X					
ZZSD2	1245								X					
AAANS1	1200								X					
AAANS2	1205								X					

Comments: Pg 3 of 6

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
M. Malkey	1130	10/17/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	M. Malkey	1540	10/17/97	Jorge Rivas	TRANSFER TO LAB

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

REP No.: 2121

PO No.: 85407

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCB	TAL	CN	RCRA ANALYSIS XEN	COR	REAC	OTHER
AAAND1	10/16/97 1220	S	L	G	6				X						
AAAND2	1210								X						
AAASED(S)	1215								X						
AAASED(D)	1220								X						
AAASS1	1201								X						
AAASS2	1205								X						
AAASD1	1205								X						
AAASD2	1210								X						
BBBNS1	1120								X						MS/MSD
BBBNS2	1125								X						
BBBNS3	1120								X						

Comments: 1, 5 4 & 6

Person Assuming Responsibility for Sample: M. Makofsky — Time: 1130 — Date (MM/DD/YY): 10/17/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	M. Makofsky	1540	10/17/97	Jorge Rua	TRANFER TO LAB

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

RFP No.: 2121

PO No.: 35407

CHAIN OF CUSTODY RECORD

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7237

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator.

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCB	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
BBBSED(S)	10/16/97 1150	5	L	G	6				X						
BBBSED(D)	1155								X						
BBBND1	1140								X						
BBBND2	1135								X						
BBBSS1	1130								X						
BBBSS2	1132								X						
BBBSD1	1140								X						
BBBSD2	1145								X						
SWSED(S)	1515								X						
DPSSED(S)	1520								X						
BRSSED(S)	1555								X						

Comments: Pg. 5 of 6

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
M. Malachowski	1130	10/17/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	M. Malachowski	1540	10/17/97	Jorge Rivas	TRANSFER TO LAB
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Services Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

RFP No.: 2121

PO No.: 8[redacted]407

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7237

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCB	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
SPLK DD	10/16/97 1540	5	L	G	6				X						
RB-7	10/16/97 1700	4	L	G	6				X						

Comments: 15 6 & 6

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
M. McKay	1130	10/17/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	M. McKay	1540	10/17/97	Jorge Rivas	TRANSFER to LAB.
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

WESTON
MANAGERS DESIGNERS/CONSULTANTS
Roy F. Weston, Inc.
Federal Programs Division
Suite 201
1090 King Georges Post Road
Edison, New Jersey 08837-3703
908-225-6116 • Fax 908-225-7037

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019

November 17, 1997

Mr. Dan Harkay
U.S. Environmental Protection Agency
Removal Action Branch
2890 Woodbridge Avenue
Edison, New Jersey 08837

TDD NO: 02-97-09-0015
DCN NO: START-02-F-01473
SUBJECT: BOUND BROOK SOIL SAMPLING TRIP REPORT
CORNELL-DUBILIER ELECTRONICS,
SOUTH PLAINFIELD, NEW JERSEY

Dear Mr. Harkay:

Enclosed please find one (1) copy of the Sampling Trip Report for the Bound Brook soil/sediment sampling episode conducted at the above referenced site on November 5 and 6, 1997. If you have any questions or comments, please contact me at (732) 225-6116.

Sincerely,

ROY F. WESTON, INC.

M. Mahnkopf

Michael Mahnkopf
Project Manager

Enclosure

SAMPLING TRIP REPORT

SITE NAME: Cornell-Dubilier Electronics
DCN #: START-02-F-01473
TDD #: 02-97-09-0015
PCS #: 2251

SAMPLING DATE: November 5 and 6, 1997

EPA I.D. NO.: GZ

1. Site Location: Former Cornell-Dubilier Electronics
333 Hamilton Boulevard, South Plainfield, New Jersey
(See Figure 1).

2. Sample Descriptions: Two hundred and seventy-five (275) surface and subsurface soil/sediment samples (including field duplicates and MS/MSD's) and two (2) field rinsate blanks were collected and submitted for total polychlorinated biphenyl (PCB) analysis. See Tables 1 and 2 for additional information.

3. Laboratory Receiving Samples:

Analysis	Name and Address of Laboratory
Total PCBs	Datachem Lab 960 West Levoy Drive Salt Lake City, UT 84123 (801) 266-7700

4. Sample Dispatch Data:

On November 5, 1997, a total of one hundred and twenty-nine (129) samples were shipped by Region II START personnel, via Federal Express (airbill No.'s 801903172357, 9701898561, 9701898577, 9701898586, and 9701898595), to Datachem Lab.

On November 6, 1997, a total of one hundred and forty-eight (148) samples were shipped by Region II START personnel, via Federal Express (airbill No.'s 4811729414, 9701899261, 9701899277, 9701899286, 9701899295, 9701899304 and 9701899313), to Datachem Lab.

5. On-Site Personnel:

Name	Representing	Duties on Site
Dan Harkay	U.S. EPA	On-Scene Coordinator
Michael Mahnkopf	Region II START	Project Manager
Ilene Presworsky	Region II START	Sample Management
Alfredo Vitrano	Region II START	Sample Technician
Brian McGinn	Region II START	Sample Technician
Paul Potvin (11/06/97 only)	Region II START	Sample Management

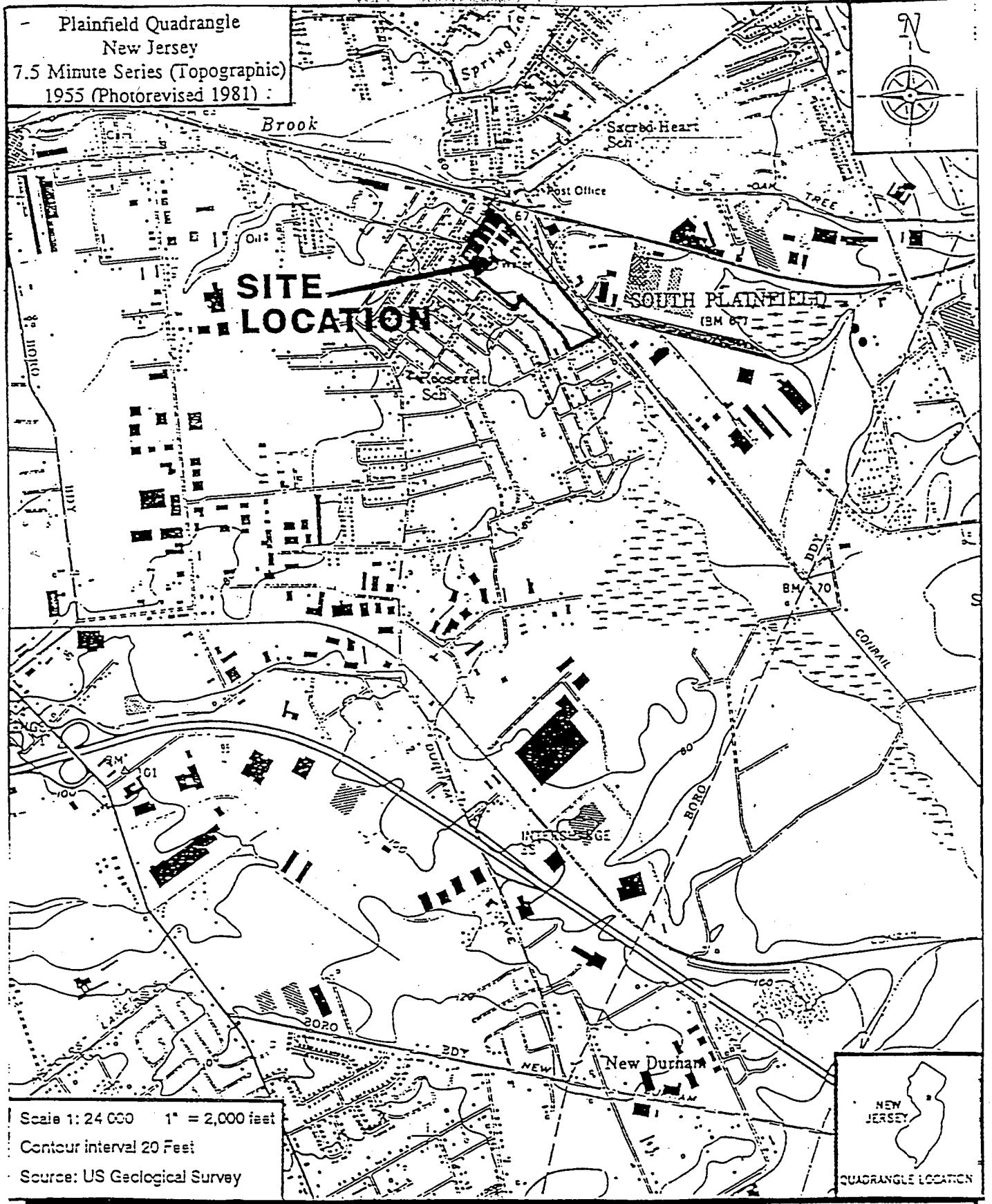
6. Additional Comments:

On November 5 and 6, 1997, a total of two hundred and seventy-five (275) soil samples were collected from one hundred and thirty (130) sample locations. The two hundred and seventy-five (275) samples included one hundred and four (104) surface soil samples, ninety-seven (97) subsurface soil samples, forty-six (46) sediment samples, fourteen (14) field duplicates and fourteen (14) matrix spike/matrix spike duplicate samples. All samples were collected with either dedicated plastic scoops/spatulas or non-dedicated stainless steel hand augers. Additionally, two (2) field rinsate blanks were generated and submitted for laboratory analysis.

Enclosed as Attachment A are copies of the chain of custody records.

7. Report prepared by: Michael Mahnkopf MM. Date: November 12, 1997

8. Report reviewed by: Thomas O'Neill TO Date: November 17, 1997



WESTON MANAGERS DESIGNERS/CONSULTANTS **Roy F. Weston, Inc.** **FEDERAL PROGRAMS DIVISION**	EPA TM D. HARKAY	CORNELL–DUBILIER ELECTRONICS S. PLAINFIELD, NJ
IN ASSOCIATION WITH RESOURCE APPLICATION, Inc. **C.C. JOHNSON & MALHOTRA, P.C., R.E. SARRIERA ASSOCIATES,** **PRC ENVIRONMENTAL MANAGEMENT, AND GRB ENVIRONMENTAL SERVICES, INC.**	START PM M. MAHNKOPF	FIGURE 1 SITE LOCATION MAP

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 5, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
LLLNS1	Soil	0-6"	11/05/97 1525 hrs.	Total PCB	Transect LLL
LLLNS2	Soil	0-6"	11/05/97 1537 hrs.	Total PCB	Transect LLL
LLLND1	Soil	18-24"	11/05/97 1535 hrs.	Total PCB	Transect LLL
LLLND2	Soil	18-24"	11/05/97 1536 hrs.	Total PCB	Transect LLL
LLLSED(S)	Sediment	0-6"	11/05/97 1523 hrs.	Total PCB	Transect LLL
LLLSED(D)	Sediment	18-24"	11/05/97 1525 hrs.	Total PCB	Transect LLL
LLLSS1	Soil	0-6"	11/05/97 1530 hrs.	Total PCB	Transect LLL
LLLSS2	Soil	0-6"	11/05/97 1530 hrs.	Total PCB	Transect LLL
LLLSD1	Soil	18-24"	11/05/97 1540 hrs.	Total PCB	Transect LLL
LLLSD2	Soil	18-24"	11/05/97 1545 hrs.	Total PCB	Transect LLL
MMMNS1	Soil	0-6"	11/05/97 1525 hrs.	Total PCB	Transect MMM
MMMNS1 MS/MSD	Soil	0-6"	11/05/97 1525 hrs.	Total PCB	Matrix spike/ Matrix spike dupl.

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 5, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
MMMNS2	Soil	0-6"	11/05/97 1525 hrs.	Total PCB	Transect MMM
MMMNS3	Soil	0-6"	11/05/97 1525 hrs.	Total PCB	Dupl. of MMMNS1
MMMND2	Soil	18-24"	11/05/97 1535 hrs.	Total PCB	Transect MMM
MMMSED(S)	Sediment	0-6"	11/05/97 1510 hrs.	Total PCB	Transect MMM
MMMSED(D)	Sediment	18-24"	11/05/97 1510 hrs.	Total PCB	Transect MMM
MMMSS1	Soil	0-6"	11/05/97 1515 hrs.	Total PCB	Transect MMM
MMMSS2	Soil	0-6"	11/05/97 1515 hrs.	Total PCB	Transect MMM
MMMSD2	Soil	18-24"	11/05/97 1515 hrs.	Total PCB	Transect MMM
NNNNS1	Soil	0-6"	11/05/97 1450 hrs.	Total PCB	Transect NNN
NNNNS2	Soil	0-6"	11/05/97 1450 hrs.	Total PCB	Transect NNN
NNNND1	Soil	18-24"	11/05/97 1455 hrs.	Total PCB	Transect NNN
NNNND2	Soil	18-24"	11/05/97 1450 hrs.	Total PCB	Transect NNN

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 5, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
NNNSED(S)	Sediment	0-6"	11/05/97 1420 hrs.	Total PCB	Transect NNN
NNNSED(D)	Sediment	18-24"	11/05/97 1420 hrs.	Total PCB	Transect NNN
NNNSS1	Soil	0-6"	11/05/97 1425 hrs.	Total PCB	Transect NNN
NNNSS2	Soil	0-6"	11/05/97 1430 hrs.	Total PCB	Transect NNN
NNNSD1	Soil	18-24"	11/05/97 1427 hrs.	Total PCB	Transect NNN
NNNSD2	Soil	18-24"	11/05/97 1425 hrs.	Total PCB	Transect NNN
OOONS1	Soil	0-6"	11/05/97 1500 hrs.	Total PCB	Transect OOO
OOONS1 MS/MSD	Soil	0-6"	11/05/97 1500 hrs.	Total PCB	Matrix spike/ Matrix spike dupl.
OOONS2	Soil	0-6"	11/05/97 1500 hrs.	Total PCB	Transect OOO
OOONS3	Soil	0-6"	11/05/97 1500 hrs.	Total PCB	Dupl. of OOONS1
OOOND1	Soil	18-24"	11/05/97 1510 hrs.	Total PCB	Transect OOO

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 5, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
OOOND2	Soil	18-24"	11/05/97 1500 hrs.	Total PCB	Transect OOO
OOOSED(S)	Sediment	0-6"	11/05/97 1405 hrs.	Total PCB	Transect OOO
OOOSED(D)	Sediment	18-24"	11/05/97 1405 hrs.	Total PCB	Transect OOO
OOOSS1	Soil	0-6"	11/05/97 1407 hrs.	Total PCB	Transect OOO
OOOSS2	Soil	0-6"	11/05/97 1415 hrs.	Total PCB	Transect OOO
OOOSD1	Soil	12-18"	11/05/97 1410 hrs.	Total PCB	Transect OOO
OOOSD2	Soil	18-24"	11/05/97 1410 hrs.	Total PCB	Transect OOO
PPPNS1	Soil	0-6"	11/05/97 1415 hrs.	Total PCB	Transect PPP
PPPNS2	Soil	0-6"	11/05/97 1445 hrs.	Total PCB	Transect PPP
PPPND1	Soil	18-24"	11/05/97 1450 hrs.	Total PCB	Transect PPP
PPPND2	Soil	18-24"	11/05/97 1450 hrs.	Total PCB	Transect PPP
PPPSED(S)	Sediment	0-6"	11/05/97 1400 hrs.	Total PCB	Transect PPP

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 5, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
PPPSED(D)	Sediment	18-24"	11/05/97 1400 hrs.	Total PCB	Transect PPP
PPPSS1	Soil	0-6"	11/05/97 1200 hrs.	Total PCB	Transect PPP
PPPSS2	Soil	0-6"	11/05/97 1200 hrs.	Total PCB	Transect PPP
PPPSD1	Soil	18-24"	11/05/97 1202 hrs.	Total PCB	Transect PPP
PPPSD2	Soil	18-24"	11/05/97 1202 hrs.	Total PCB	Transect PPP
QQQNS1	Soil	0-6"	11/05/97 1420 hrs.	Total PCB	Transect QQQ
QQQNS1 MS/MSD	Soil	0-6"	11/05/97 1420 hrs.	Total PCB	Matrix spike/ Matrix spike dupl.
QQQNS2	Soil	0-6"	11/05/97 1420 hrs.	Total PCB	Transect QQQ
QQQNS3	Soil	0-6"	11/05/97 1420 hrs.	Total PCB	Dupl. of QQQNS1
QQQND1	Soil	18-24"	11/05/97 1425 hrs.	Total PCB	Transect QQQ
QQQND2	Soil	18-24"	11/05/97 1425 hrs.	Total PCB	Transect QQQ
QQQSED(S)	Sediment	0-6"	11/05/97 1355 hrs.	Total PCB	Transect QQQ

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 5, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
QQQSED(D)	Sediment	18-24"	11/05/97 1400 hrs.	Total PCB	Transect QQQ
QQQSS1	Soil	0-6"	11/05/97 1120 hrs.	Total PCB	Transect QQQ
QQQSS2	Soil	0-6"	11/05/97 1120 hrs.	Total PCB	Transect QQQ
QQQSD1	Soil	18-24"	11/05/97 1125 hrs.	Total PCB	Transect QQQ
QQQSD2	Soil	18-24"	11/05/97 1125 hrs.	Total PCB	Transect QQQ
RRRNS1	Soil	0-6"	11/05/97 1405 hrs.	Total PCB	Transect RRR
RRRNS2	Soil	0-6"	11/05/97 1400 hrs.	Total PCB	Transect RRR
RRRND1	Soil	18-24"	11/05/97 1410 hrs.	Total PCB	Transect RRR
RRRND2	Soil	18-24"	11/05/97 1405 hrs.	Total PCB	Transect RRR
RRRSED(S)	Sediment	0-6"	11/05/97 1350 hrs.	Total PCB	Transect RRR
RRRSED(D)	Sediment	18-24"	11/05/97 1300 hrs.	Total PCB	Transect RRR
RRRSS1	Soil	0-6"	11/05/97 1105 hrs.	Total PCB	Transect RRR

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 5, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
RRRSS2	Soil	0-6"	11/05/97 1105 hrs.	Total PCB	Transect RRR
RRRSD1	Soil	18-24"	11/05/97 1110 hrs.	Total PCB	Transect RRR
RRRSD2	Soil	18-24"	11/05/97 1110 hrs.	Total PCB	Transect RRR
SSSNS1	Soil	0-6"	11/05/97 1345 hrs.	Total PCB	Transect SSS
SSSNS1 MS/MSD	Soil	0-6"	11/05/97 1345 hrs.	Total PCB	Matrix spike/ Matrix spike dupl.
SSSNS2	Soil	0-6"	11/05/97 1350 hrs.	Total PCB	Transect SSS
SSSNS3	Soil	0-6"	11/05/97 1345 hrs.	Total PCB	Dupl. of SSSNS1
SSSND1	Soil	18-24"	11/05/97 1355 hrs.	Total PCB	Transect SSS
SSSND2	Soil	18-24"	11/05/97 1352 hrs.	Total PCB	Transect SSS
SSSSED(S)	Sediment	0-6"	11/05/97 1345 hrs.	Total PCB	Transect SSS
SSSSED(D)	Sediment	18-24"	11/05/97 1345 hrs.	Total PCB	Transect SSS
SSSSS1	Soil	0-6"	11/05/97 1050 hrs.	Total PCB	Transect SSS

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 5, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
SSSSS2	Soil	0-6"	11/05/97 1055 hrs.	Total PCB	Transect SSS
SSSSD1	Soil	18-24"	11/05/97 1055 hrs.	Total PCB	Transect SSS
SSSSD2	Soil	18-24"	11/05/97 1055 hrs.	Total PCB	Transect SSS
TTTNS1	Soil	0-6"	11/05/97 1140 hrs.	Total PCB	Transect TTT
TTTNS2	Soil	0-6"	11/05/97 1141 hrs.	Total PCB	Transect TTT
TTTND1	Soil	18-24"	11/05/97 1152 hrs.	Total PCB	Transect TTT
TTTND2	Soil	18-24"	11/05/97 1157 hrs.	Total PCB	Transect TTT
TTTSED(S)	Sediment	0-6"	11/05/97 1215 hrs.	Total PCB	Transect TTT
TTTSS1	Soil	0-6"	11/05/97 1025 hrs.	Total PCB	Transect TTT
TTTSS2	Soil	0-6"	11/05/97 1040 hrs.	Total PCB	Transect TTT
TTTSD1	Soil	18-24"	11/05/97 1040 hrs.	Total PCB	Transect TTT
TTTSD2	Soil	18-24"	11/05/97 1040 hrs.	Total PCB	Transect TTT

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 5, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
UUUNS1	Soil	0-6"	11/05/97 1120 hrs.	Total PCB	Transect UUU
UUUNS1 MS/MSD	Soil	0-6"	11/05/97 1120 hrs.	Total PCB	Matrix spike/ Matrix spike dupl.
UUUNS2	Soil	0-6"	11/05/97 1115 hrs.	Total PCB	Transect UUU
UUUNS3	Soil	0-6"	11/05/97 1120 hrs.	Total PCB	Dupl. of UUUNS1
UUUND1	Soil	18-24"	11/05/97 1123 hrs.	Total PCB	Transect UUU
UUUND2	Soil	18-24"	11/05/97 1130 hrs.	Total PCB	Transect UUU
UUUSED(S)	Sediment	0-6"	11/05/97 1150 hrs.	Total PCB	Transect UUU
UUUSED(D)	Sediment	18-24"	11/05/97 1210 hrs.	Total PCB	Transect UUU
UUUSS1	Soil	0-6"	11/05/97 1025 hrs.	Total PCB	Transect UUU
UUUSS2	Soil	0-6"	11/05/97 1025 hrs.	Total PCB	Transect UUU
UUUSD1	Soil	18-24"	11/05/97 1030 hrs.	Total PCB	Transect UUU
UUUSD2	Soil	18-24"	11/05/97 1025 hrs.	Total PCB	Transect UUU

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 5, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
VVVNS1	Soil	0-6"	11/05/97 1040 hrs.	Total PCB	Transect VVV
VVVNS2	Soil	0-6"	11/05/97 1040 hrs.	Total PCB	Transect VVV
VVVND1	Soil	18-24"	11/05/97 1045 hrs.	Total PCB	Transect VVV
VVVND2	Soil	18-24"	11/05/97 1050 hrs.	Total PCB	Transect VVV
VVVSED(S)	Soil	0-6"	11/05/97 1100 hrs.	Total PCB	Transect VVV
VVVSS1	Soil	0-6"	11/05/97 1015 hrs.	Total PCB	Transect VVV
VVVSS2	Soil	0-6"	11/05/97 1015 hrs.	Total PCB	Transect VVV
VVVSD1	Soil	18-24"	11/05/97 1020 hrs.	Total PCB	Transect VVV
VVVSD2	Soil	18-24"	11/05/97 1015 hrs.	Total PCB	Transect VVV
WWWNS1	Soil	0-6"	11/05/97 1000 hrs.	Total PCB	Transect WWW
WWWNS1 MS/MSD	Soil	0-6"	11/05/97 1000 hrs.	Total PCB	Matrix spike/ Matrix spike dupl.
WWWNS2	Soil	0-6"	11/05/97 1010 hrs.	Total PCB	Transect WWW

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 5, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
WWWNS3	Soil	0-6"	11/05/97 1000 hrs.	Total PCB	Dupl. of WWWNS1
WWWND1	Soil	18-24"	11/05/97 1010 hrs.	Total PCB	Transect WWW
WWWND2	Soil	14-20"	11/05/97 1005 hrs.	Total PCB	Transect WWW
WWWSED(S)	Sediment	0-6"	11/05/97 1020 hrs.	Total PCB	Transect WWW
WWWSED(D)	Sediment	12-18"	11/05/97 1020 hrs.	Total PCB	Transect WWW
WWWSS1	Soil	0-6"	11/05/97 1000 hrs.	Total PCB	Transect WWW
WWWSS2	Soil	0-6"	11/05/97 1000 hrs.	Total PCB	Transect WWW
WWWSD1	Soil	18-24"	11/05/97 1010 hrs.	Total PCB	Transect WWW
WWWSD2	Soil	18-24"	11/05/97 1015 hrs.	Total PCB	Transect WWW
RB	Aqueous	N/A	11/05/97 1630 hrs.	Total PCB	Rinsate Blank

Notes:

1. Proposed samples TTTSED(D) and VVVSED(D) were not collected due to the presence of shale at 6-9" below the bottom of the streambed.

2. Proposed samples MMMND1 and MMMSD1 were not collected due to the presence of first groundwater at a depth of 6" below ground surface.

TABLE 2

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 6, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
CCCNS1	Soil	0-6"	11/06/97 1210 hrs.	Total PCB	Transect CCC
CCCNS2	Soil	0-6"	11/06/97 1205 hrs.	Total PCB	Transect CCC
CCCND1	Soil	12-18"	11/06/97 1215 hrs.	Total PCB	Transect CCC
CCCND2	Soil	9-15"	11/06/97 1155 hrs.	Total PCB	Transect CCC
CCCSED(S)	Sediment	0-6"	11/06/97 1155 hrs.	Total PCB	Transect CCC
CCCSED(D)	Sediment	18-24"	11/06/97 1200 hrs.	Total PCB	Transect CCC
CCCSS1	Soil	0-6"	11/06/97 1152 hrs.	Total PCB	Transect CCC
CCCSS1 MS/MSD	Soil	0-6"	11/06/97 1152 hrs.	Total PCB	Matrix spike/ Matrix spike dupl.
CCCSS2	Soil	0-6"	11/06/97 1202 hrs.	Total PCB	Transect CCC
CCCSS3	Soil	0-6"	11/06/97 1152 hrs.	Total PCB	Dupl. of CCCSS1
DDDNS1	Soil	0-6"	11/06/97 1145 hrs.	Total PCB	Transect DDD
DDDNS2	Soil	0-6"	11/06/97 1146 hrs.	Total PCB	Transect DDD

TABLE 2

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 6, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
DDDND2	Soil	18-24"	11/06/97 1152 hrs.	Total PCB	Transect DDD
DDDSED(S)	Sediment	0-6"	11/06/97 1140 hrs.	Total PCB	Transect DDD
DDDSED(D)	Sediment	18-24"	11/06/97 1141 hrs.	Total PCB	Transect DDD
DDDSS1	Soil	0-6"	11/06/97 1140 hrs.	Total PCB	Transect DDD
DDDSS2	Soil	0-6"	11/06/97 1144 hrs.	Total PCB	Transect DDD
DDDSD1	Soil	18-24"	11/06/97 1142 hrs.	Total PCB	Transect DDD
DDDSD2	Soil	18-24"	11/06/97 1147 hrs.	Total PCB	Transect DDD
EEENS1	Soil	0-6"	11/06/97 1125 hrs.	Total PCB	Transect EEE
EEENS1 MS/MSD	Soil	0-6"	11/06/97 1125 hrs.	Total PCB	Matrix spike/ Matrix spike dupl.
EEENS2	Soil	0-6"	11/06/97 1124 hrs.	Total PCB	Transect EEE
EEENS3	Soil	0-6"	11/06/97 1146 hrs.	Total PCB	Dupl. of EEENS1
EEEND1	Soil	9-15"	11/06/97 1130 hrs.	Total PCB	Transect EEE

TABLE 2

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 6, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
EEEND2	Soil	18-24"	11/06/97 1123 hrs.	Total PCB	Transect EEE
EEESED(S)	Sediment	0-6"	11/06/97 1120 hrs.	Total PCB	Transect EEE
EEESS1	Soil	0-6"	11/06/97 1125 hrs.	Total PCB	Transect EEE
EEESS2	Soil	0-6"	11/06/97 1127 hrs.	Total PCB	Transect EEE
EEESD1	Soil	18-24"	11/06/97 1130 hrs.	Total PCB	Transect EEE
EEESD2	Soil	18-24"	11/06/97 1124 hrs.	Total PCB	Transect EEE
FFFNS1	Soil	0-6"	11/06/97 1110 hrs.	Total PCB	Transect FFF
FFFNS2	Soil	0-6"	11/06/97 1100 hrs.	Total PCB	Transect FFF
FFFND1	Soil	18-24"	11/06/97 1115 hrs.	Total PCB	Transect FFF
FFFND2	Soil	18-24"	11/06/97 1113 hrs.	Total PCB	Transect FFF
FFFSED(S)	Sediment	0-6"	11/06/97 1105 hrs.	Total PCB	Transect FFF

TABLE 2

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 6, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
FFFSED(D)	Sediment	18-24"	11/06/97 1106 hrs.	Total PCB	Transect FFF
FFFSS1	Soil	0-6"	11/06/97 1103 hrs.	Total PCB	Transect FFF
FFFSS2	Soil	0-6"	11/06/97 1110 hrs.	Total PCB	Transect FFF
FFFSD1	Soil	18-24"	11/06/97 1106 hrs.	Total PCB	Transect FFF
FFFSD2	Soil	18-24"	11/06/97 1110 hrs.	Total PCB	Transect FFF
GGGNS1	Soil	0-6"	11/06/97 1050 hrs.	Total PCB	Transect GGG
GGGNS1 MS/MSD	Soil	0-6"	11/06/97 1050 hrs.	Total PCB	Matrix spike/ Matrix spike dupl.
GGGNS2	Soil	0-6"	11/06/97 1055 hrs.	Total PCB	Transect GGG
GGGNS3	Soil	0-6"	11/06/97 1050 hrs.	Total PCB	Dupl. of GGGNS1
GGGND1	Soil	18-24"	11/06/97 1055 hrs.	Total PCB	Transect GGG
GGGND2	Soil	18-24"	11/06/97 1101 hrs.	Total PCB	Transect GGG
GGGSED(S)	Sediment	0-6"	11/06/97 1050 hrs.	Total PCB	Transect GGG

TABLE 2

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 6, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
GGGSED(D)	Sediment	18-24"	11/06/97 1051 hrs.	Total PCB	Transect GGG
GGGSS1	Soil	0-6"	11/06/97 1046 hrs.	Total PCB	Transect GGG
GGGSS2	Soil	0-6"	11/06/97 1054 hrs.	Total PCB	Transect GGG
GGGSD1	Soil	18-24"	11/06/97 1055 hrs.	Total PCB	Transect GGG
GGGSD2	Soil	18-24"	11/06/97 1055 hrs.	Total PCB	Transect GGG
HHHNS1	Soil	0-6"	11/06/97 1040 hrs.	Total PCB	Transect HHH
HHHNS2	Soil	0-6"	11/06/97 1038 hrs.	Total PCB	Transect HHH
HHHND1	Soil	18-24"	11/06/97 1043 hrs.	Total PCB	Transect HHH
HHHND2	Soil	18-24"	11/06/97 1045 hrs.	Total PCB	Transect HHH
HHHSED(S)	Soil	0-6"	11/06/97 1035 hrs.	Total PCB	Transect HHH
HHHSED(D)	Soil	18-24"	11/06/97 1037 hrs.	Total PCB	Transect HHH
HHHSS1	Soil	0-6"	11/06/97 1030 hrs.	Total PCB	Transect HHH

TABLE 2

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 6, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
HHHSS2	Soil	0-6"	11/06/97 1041 hrs.	Total PCB	Transect HHH
HHHSD1	Soil	18-24"	11/06/97 1035 hrs.	Total PCB	Transect HHH
HHHSD2	Soil	18-24"	11/06/97 1045 hrs.	Total PCB	Transect HHH
IIINS1	Soil	0-6"	11/06/97 1020 hrs.	Total PCB	Transect III
IIINS1 MS/MSD	Soil	0-6"	11/06/97 1020 hrs.	Total PCB	Matrix spike/ Matrix spike dupl.
IIINS2	Soil	0-6"	11/06/97 1020 hrs.	Total PCB	Transect III
IIINS3	Soil	0-6"	11/06/97 1020 hrs.	Total PCB	Dupl. of IIINS1
IIIND1	Soil	18-24"	11/06/97 1025 hrs.	Total PCB	Transect III
IIIND2	Soil	18-24"	11/06/97 1025 hrs.	Total PCB	Transect III
IIISED(S)	Sediment	0-6"	11/06/97 1016 hrs.	Total PCB	Transect III
IIISED(D)	Sediment	18-24"	11/06/97 1017 hrs.	Total PCB	Transect III
IIISS1	Soil	0-6"	11/06/97 1017 hrs.	Total PCB	Transect III

TABLE 2

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

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SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
IIISS2	Soil	0-6"	11/06/97 1025 hrs.	Total PCB	Transect III
IIISD1	Soil	18-24"	11/06/97 1022 hrs.	Total PCB	Transect III
IIISD2	Soil	18-24"	11/06/97 1025 hrs.	Total PCB	Transect III
JJJNS1	Soil	0-6"	11/06/97 1005 hrs.	Total PCB	Transect JJJ
JJJNS2	Soil	0-6"	11/06/97 1005 hrs.	Total PCB	Transect JJJ
JJJND1	Soil	18-24"	11/06/97 1010 hrs.	Total PCB	Transect JJJ
JJJND2	Soil	18-24"	11/06/97 1009 hrs.	Total PCB	Transect JJJ
JJJSED(S)	Soil	0-6"	11/06/97 1000 hrs.	Total PCB	Transect JJJ
JJJSED(D)	Soil	18-24"	11/06/97 1002 hrs.	Total PCB	Transect JJJ
JJJSS1	Soil	0-6"	11/06/97 1000 hrs.	Total PCB	Transect JJJ
JJJSS2	Soil	0-6"	11/06/97 1006 hrs.	Total PCB	Transect JJJ
JJJSD1	Soil	18-24"	11/06/97 1005 hrs.	Total PCB	Transect JJJ

TABLE 2

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 6, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
JJJSD2	Soil	18-24"	11/06/97 1010 hrs.	Total PCB	Transect JJJ
KKKNS1	Soil	0-6"	11/06/97 0945 hrs.	Total PCB	Transect KKK
KKKNS1 MS/MSD	Soil	0-6"	11/06/97 0945 hrs.	Total PCB	Matrix spike/ Matrix spike dupl.
KKKNS2	Soil	0-6"	11/06/97 0940 hrs.	Total PCB	Transect KKK
KKKNS3	Soil	0-6"	11/06/97 0945 hrs.	Total PCB	Dupl. of KKKNS1
KKKND1	Soil	18-24"	11/06/97 0950 hrs.	Total PCB	Transect KKK
KKKND2	Soil	18-24"	11/06/97 0953 hrs.	Total PCB	Transect KKK
KKKSED(S)	Sediment	0-6"	11/06/97 0945 hrs.	Total PCB	Transect KKK
KKKSED(D)	Sediment	18-24"	11/06/97 0945 hrs.	Total PCB	Transect KKK
KKKSS1	Soil	0-6"	11/06/97 0940 hrs.	Total PCB	Transect KKK
KKKSS2	Soil	0-6"	11/06/97 0950 hrs.	Total PCB	Transect KKK
KKKSD1	Soil	18-24"	11/06/97 0946 hrs.	Total PCB	Transect KKK

TABLE 2

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 6, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
KKKSD2	Soil	18-24"	11/06/97 0950 hrs.	Total PCB	Transect KKK
XXXNS1	Soil	0-6"	11/06/97 1405 hrs.	Total PCB	Transect XXX
XXXNS1 MS/MSD	Soil	0-6"	11/06/97 1405 hrs.	Total PCB	Matrix spike/ Matrix spike dupl.
XXXNS2	Soil	0-6"	11/06/97 1408 hrs.	Total PCB	Transect XXX
XXXNS3	Soil	0-6"	11/06/97 1405 hrs.	Total PCB	Dupl. of XXXNS1
XXXND1	Soil	18-24"	11/06/97 1415 hrs.	Total PCB	Transect XXX
XXXND2	Soil	18-24"	11/06/97 1417 hrs.	Total PCB	Transect XXX
XXXSED(S)	Sediment	0-6"	11/06/97 1405 hrs.	Total PCB	Transect XXX
XXXSS1	Soil	0-6"	11/06/97 1400 hrs.	Total PCB	Transect XXX
XXXSS2	Soil	0-6"	11/06/97 1411 hrs.	Total PCB	Transect XXX
XXXSD1	Soil	18-24"	11/06/97 1405 hrs.	Total PCB	Transect XXX
XXXSD2	Soil	18-24"	11/06/97 1410 hrs.	Total PCB	Transect XXX

TABLE 2

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 6, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
YYYNS1	Soil	0-6"	11/06/97 1425 hrs.	Total PCB	Transect YYY
YYYNS2	Soil	0-6"	11/06/97 1420 hrs.	Total PCB	Transect YYY
YYYND1	Soil	18-24"	11/06/97 1430 hrs.	Total PCB	Transect YYY
YYYND2	Soil	18-24"	11/06/97 1427 hrs.	Total PCB	Transect YYY
YYYSED(S)	Sediment	0-6"	11/06/97 1415 hrs.	Total PCB	Transect YYY
YYYSED(D)	Sediment	18-24"	11/06/97 1417 hrs.	Total PCB	Transect YYY
YYYSS1	Soil	0-6"	11/06/97 1420 hrs.	Total PCB	Transect YYY
YYYSS2	Soil	0-6"	11/06/97 1425 hrs.	Total PCB	Transect YYY
YYYSD1	Soil	18-24"	11/06/97 1430 hrs.	Total PCB	Transect YYY
YYYSD2	Soil	18-24"	11/06/97 1430 hrs.	Total PCB	Transect YYY
ZZZNS1	Soil	0-6"	11/06/97 1435 hrs.	Total PCB	Transect ZZZ
ZZZNS1 MS/MSD	Soil	0-6"	11/06/97 1435 hrs.	Total PCB	Matrix spike/ Matrix spike dupl.

TABLE 2

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 6, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
ZZZNS2	Soil	0-6"	11/06/97 1439 hrs.	Total PCB	Transect ZZZ
ZZZNS3	Soil	0-6"	11/06/97 1435 hrs.	Total PCB	Dupl. of ZZZNS1
ZZZND1	Soil	18-24"	11/06/97 1450 hrs.	Total PCB	Transect ZZZ
ZZZND2	Soil*	9-15"	11/06/97 1444 hrs.	Total PCB	Transect ZZZ
ZZZSED(S)	Sediment	0-6"	11/06/97 1435 hrs.	Total PCB	Transect ZZZ
ZZZSS1	Soil	0-6"	11/06/97 1435 hrs.	Total PCB	Transect ZZZ
ZZZSS2	Soil	0-6"	11/06/97 1442 hrs.	Total PCB	Transect ZZZ
ZZZSD1	Soil	18-24"	11/06/97 1440 hrs.	Total PCB	Transect ZZZ
ZZZSD2	Soil	18-24"	11/06/97 1445 hrs.	Total PCB	Transect ZZZ
AAAANS1	Soil	0-6"	11/06/97 1525 hrs.	Total PCB	Transect AAAA
AAAANS1 MS/MSD	Soil	0-6"	11/06/97 11525 hrs.	Total PCB	Matrix spike/ Matrix spike dupl.
AAAANS2	Soil	0-6"	11/06/97 1525 hrs.	Total PCB	Transect AAAA

TABLE 2

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 6, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
AAAANS3	Soil	0-6"	11/06/97 1525 hrs.	Total PCB	Dupl. of AAAANS1
AAAAND1	Soil	18-24"	11/06/97 1530 hrs.	Total PCB	Transect AAAA
AAAAND2	Soil	9-15"	11/06/97 1536 hrs.	Total PCB	Transect AAAA
AAAASED(S)	Sediment	0-6"	11/06/97 1520 hrs.	Total PCB	Transect AAAA
AAAASS1	Soil	0-6"	11/06/97 1521 hrs.	Total PCB	Transect AAAA
AAAASS2	Soil	0-6"	11/06/97 1527 hrs.	Total PCB	Transect AAAA
BBBBNS1	Soil	0-6"	11/06/97 1500 hrs.	Total PCB	Transect BBBB
BBBBNS2	Soil	0-6"	11/06/97 1500 hrs.	Total PCB	Transect BBBB
BBBBND1	Soil	18-24"	11/06/97 1500 hrs.	Total PCB	Transect BBBB
BBBBND2	Soil	18-24"	11/06/97 1500 hrs.	Total PCB	Transect BBBB
BBBBSED(S)	Sediment	0-6"	11/06/97 1500 hrs.	Total PCB	Transect BBBB
BBBBSED(D)	Sediment	18-24"	11/06/97 1500 hrs.	Total PCB	Transect BBBB

TABLE 2

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

NOVEMBER 6, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
BBBBSS1	Soil	0-6"	11/06/97 1505 hrs.	Total PCB	Transect BBBB
BBBBSS2	Soil	0-6"	11/06/97 1505 hrs.	Total PCB	Transect BBBB
BBBBSD1	Soil	18-24"	11/06/97 1510 hrs.	Total PCB	Transect BBBB
BBBBSD2	Soil	18-24"	11/06/97 1510 hrs.	Total PCB	Transect BBBB
RB2	Aqueous	N/A	11/06/97 1630 hrs.	Total PCB	Rinsate Blank

Notes:

1. Proposed samples EEESED(D), XXXSED(D), ZZZSED(D) and AAAASED(D) were not collected due to the presence of shale at 6" below the bottom of the streambed.

2. Proposed samples CCCSD1, CCCSD2, DDDND1, AAAASD1, and AAAASD2 were not collected due to the presence of first groundwater at a depth of 6" below ground surface.

ATTACHMENT 1

CHAIN OF CUSTODY RECORDS

CHAIN OF CUSTODY RECORD

EP No.: 1226

O No.: 87[illegible]2

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

end verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS KEN	COR	REAC	OTHER
GGGNS2	11/6/97/1055	5	L	G	6										Total PCBs
GGGNS1	11/6/97/1050														
GGGND1	11/6/97/1055														
GGGSED(D)	11/6/97/1051														
GGGSED(S)	11/6/97/1050														
GGGSS2	11/6/97/1054														
GGGSD2	11/6/97/1055														
GGGNS3	11/6/97/1050														
GGGSD1	11/6/97/1055														
GGGSS1	11/6/97/1046														
GGGND2	11/6/97/1101														

Comments: Extra Sample volume was given for MS/MSD sample# GGGNS1

Person Assuming Responsibility for Sample: M. Malhotra

Time: 1700 Date (MM/DD/YY): 11/6/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. Malhotra	1800	11/6/97		Shipment to Lab

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

REP No.: 2226

PO No.: 87[illegible]52

WESTON. MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS KIN	COR	REAC	OTHER
JJJNS1	11/6/97/1005	5	L	G	6										Total PCBs
JJJND1	11/6/97/1010														
JJJSS2	11/6/97/1006														
JJJSD2	11/6/97/1010														
JJJSD1	11/6/97/1005														
JJJSED(D)	11/6/97/1002														
JJJSED(S)	11/6/97/1000														
JJJSS1	11/6/97/1000														
JJJND2	11/6/97/1009														
JJJNS2	11/6/97/1005														
ITIND2	11/6/97/1025														

Comments:

Person Assuming Responsibility for Sample: M. Mahoney

Time: 1700 Date (MM/DD/YY): 11/6/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. Mahoney	1800	11/6/97		Shipment to Lab

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

FP No.: 2226

PO No.: 8[redacted]52

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-5116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL/CN	RCRA ANALYSIS DEN	COR	REAC	OTHER
IIIND1	11/6/97/1025	5	L	G	6									Total PCBs
IIINS1	11/6/97/1020													
IIISS2	11/6/97/1025													
IIISED(S)	11/6/97/1016													
IIISD2	11/6/97/1025													
IIISED(D)	11/6/97/1017													
IIISD1	11/6/97/1022													
IIISS1	11/6/97/1017													
IIINS2	11/6/97/1020													
IIINS3	11/6/97/1025													
HHHNS2	11/6/97/1038													

Comments: Extra sample volume was given for MS/MSD sample # IIINS1

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
M. Mark	1700	11/6/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. Mark	1800	11/6/97		Shipment to Lab
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

FP No.: 2226

O No.: 87[redacted]2

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS CEN	COR	REAC	OTHER
HHHND2	11/6/97/1045	5	L	G	6										Total PCBs
HHHND1	11/6/97/1043														
HHHSED(S)	11/6/97/1035														
HHHSD2	11/6/97/1045														
HHHSS1	11/6/97/1030														
HHHSED(D)	11/6/97/1037														
H[redacted]SS2	11/6/97/1041														
HHHSD1	11/6/97/1035														
HHHNS1	11/6/97/1040														
FFFSED(D)	11/6/97/1106														
FFFSD1	11/6/97/1106														

Comments:

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
M. Malhotra	1700	11/6/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. Malhotra	1800	11/6/97		Shipment to Lab
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
[redacted]					

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

EP No.: 2226

O No.: 8[redacted]52

WESTON. MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7057

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
FFFSS1	11/6/97/1103	5	L	G	6										Total PCBs
FFFSD2	11/6/97/1110														
FFFSED(S)	11/6/97/1105														
FFFSS2	11/6/97/1110														
FFFNS1	11/6/97/1110														
FFFNS2	11/6/97/1100														
F[redacted]FND1	11/6/97/1115														
FFFND2	11/6/97/1113														
KKKND1	11/6/97/0950														
KKKSD2	11/6/97/0950														
KKKNS1	11/6/97/0945														

Comments:

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
M. Malhotra	1700	11/6/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. Malhotra	1800	11/6/97		Shipment to Lab
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
[redacted]					

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

FP No.: 2226

O No.: 87[redacted]2

CHAIN OF CUSTODY RECORD

WESTON. MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS CN	COR	REAC	OTHER
	MM DD YY														
KKKSS1	11/6/97/~~1040~~ 0940	5	L	G	6										Total PCBs
KKKSED(S)	11/6/97/0945														
KKKNS3	11/6/97/1000														
KKKNS2	11/6/97/0945														
KKKSS2	11/6/97/0950														
KKKSED(D)	11/6/97/0945														
KKKSD1	11/6/97/0946														
KKKND2	11/6/97/0953														
EEEND2	11/6/97/1123														
EEENS1	11/6/97/1125														
EEENS2	11/6/97/1124														

Comments: Extra Sample Volume was given for MS/MSD Samples # KKKNS1 and EEENS1

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
M. Malhotra	1700	11/6/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. Malhotra	1800	11/6/97		Shipment to Lab
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
[redacted]					

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

FP No.: 2226

O No.: 8[redacted]2

CHAIN OF CUSTODY RECORD

WESTON. MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 904-225-5116 Fax: 904-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSES VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSES CEN	COR	REAC	OTHER
EEESD1	11/6/97/1130	5	L	G	6										Total PCBs
EEESS2	11/6/97/1127														
EEESD2	11/6/97/1124														
EEESS1	11/6/97/1125														
EEESED(S)	11/6/97/1120														
EEENS3	11/6/97/1130														
EE[redacted]ND1	11/6/97/1130														
CCCSED(S)	11/6/97/1155														
CCCSS1	11/6/97/1152														
CCCNS1	11/6/97/1210														
CCCND1	11/6/97/1215														

Comments: Extra sample volume was given for MS/MSD sample# CCCSS1

Person Assuming Responsibility for Sample: M. Malhotra — Time: 1700 — Date (MM/DD/YY): 11/6/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. Malhotra	1800	11/6/97		Shipment to Lab

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

TP No.: 2226

D No.: 8[redacted]52

WESTON. MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-5116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL CN		RCRA ANALYSIS IGN	COR	REAC	OTHER
CCCSED(D)	11/6/97 1200	5	L	G	6										TOTAL PCBs
CCCSS3	11/6/97 1152														
CCCSS2	11/6/97 1202														
CCCNS2	11/6/97 1205														
CCCND2	11/6/97 1155														
DDDSED(S)	11/6/97 1140														
DDDSD2	11/6/97 1147														
DDDSS1	11/6/97 1140														
DDDND2	11/6/97 1152														
DDDNS2	11/6/97 1146														
DDDSED(D)	11/6/97 1141														

Comments: ~~EXTRA SAMPLE VOLUME~~

Person Assuming Responsibility for Sample: M. Malhotra

Time: 1700 Date (MM/DD/YY): 11/6/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. Malhotra	1800	11/6/97		Shipment to Lab

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

RFP No.: 2226

PO No.: 8[illegible]52

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS KIN	COR	REAC	OTHER
DDDNS1	11/6/97 1145	5	L	G	6										Total PCBs
DDDSS2	11/6/97 1144														
DDDSD1	11/6/97 1142														
XXXNS1	11/6/97 1405														
XXXNS2	11/6/97 1408														
XXXND2	11/6/97 1417														
XXXND1	11/6/97 1415														
XXXNS3	11/6/97 1415														
XXXSED(S)	11/6/97 1405														
XXXSD1	11/6/97 1405														
XXXSS2	11/6/97 1411														

Comments: Extra sample volume was given for MS/MSD Sample # XXXNS1

Person Assuming Responsibility for Sample: M. Malhotra

Time: 1700 Date (MM/DD/YY): 11/6/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. Malhotra	1800	11/6/97		Shipment to Lab

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

FP No.: 2226

O No.: 8[illegible]52

WESTON. MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS KIN	COR	REAC	OTHER
XXXSS1	11/6/97 1400	5	L	G	6										Total PCBs
XXXSD2	11/6/97 1410														
YYYSED(S)	11/6/97 1415														
YYYSS1	11/6/97 1420														
YYYSD1	11/6/97 1430														
YYYND1	11/6/97 1430														
YYYNS2	11/6/97 1420														
YYYSS2	11/6/97 1425														
YYYNS1	11/6/97 1425														
YYYND2	11/6/97 1427														
YYYSED(D)	11/6/97 1417														

Comments:

Person Assuming Responsibility for Sample: M. Mahoney — Time: 1700 — Date (MM/DD/YY): 11/6/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	M. Mahoney	1800	11/6/97		Shipment To Lab
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

FP No.: 2226

O No.: 87[redacted]2

WESTON. MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-5116 Fax: 908-225-7057

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL/CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
YYYSD2	11/6/97 1430	5	L	G	6									TOTAL PCBs
222SD2	11/6/97 1445													
222ND2	11/6/97 1444													
222NS3	11/6/97 1445													
222SS2	11/6/97 1442													
222SED(S)	11/6/97 1435													
222NS1	11/6/97 1435													
222NS2	11/6/97 1439													
222SS1	11/6/97 1435													
222ND1	11/6/97 1450													
222SD1	11/6/97 1440													

Comments: Extra sample volume was collected for MS/MSD sample # 222NS1

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
M. Mahoney	1700	11/6/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	M. Mahoney	1800	11/6/97		Shipment to Lab.
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
[redacted]					

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

CEP No.: 2226

PO No.: 8[redacted]52

WESTON. MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 904-225-6116 Fax: 904-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSES VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSES IGN	COR	REAC	OTHER
BBBBSD2	11/6/97 1510	5	L	G	6										TOTAL PCBs
BBBBSED(S)	11/6/97 1500														
BBBBNS1	11/6/97 1500														
BBBBSS2	11/6/97 1505														
BBBBNS2	11/6/97 1502														
BBBBSED(D)	11/6/97 1500														
BB[redacted]ND2	11/6/97 1505														
BBBBND1	11/6/97 1505														
BBBBSS1	11/6/97 1505														
BBBBSD1	11/6/97 1510														
AAAASS1	11/6/97 1521														

Comments:

Person Assuming Responsibility for Sample: M. Mahnfort — Time: 1700 — Date (MM/DD/YY): 11/6/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. Mahnfort	1800	11/6/97		Shipment To Lab
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
[redacted]					

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

FP No.: 2226

O No.: 87052

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-5116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
AAAANS2	11/6/97/1525	S	L	G	6										Total PCBs
AAAASS2	11/6/97/1527														
AAAAND2	11/6/97/1536														
AAAASED(S)	11/6/97/1520														
AAAANS3	11/6/97/1535														
AAAANS1	11/6/97/1525														
AAAAND1	11/6/97/1530														
RB2	11/6/97/1630														
	~~11/6/97~~														
	~~11/6/97~~														
	~~11/6/97~~														

Comments: Extra sample volume given for MS/MSD sample # AAAANS1

Person Assuming Responsibility for Sample: [signature]

Time: 1700 Date (MM/DD/YY): 11/6/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	[signature]	1800	11/6/97		Shipment To LAB

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

RFP No.: 2226

PO No.: 8[illegible]052

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.	
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS KEN	COR	REAC	OTHER
WWWSS2	11/5/97/1000	5	L	G	6										Total PCBs
WWWND1	11/5/97/1010														
WWWSD2	11/5/97/1015														
WWWND2	11/5/97/1005														
WWWSS1	11/5/97/1000														
WWWSD1	11/5/97/1010														
WWWSED(D)	11/5/97/1020														
WWWNS3	11/5/97/1000														
WWWNS2	11/5/97/1010														
WWWNS1	11/5/97/1000														
WWWSED(S)	11/5/97/1020														

Comments: Extra sample volume given for MS/MSD Sample # WWWNS1

Person Assuming Responsibility for Sample: [signature]

Time: 1730 Date (MM/DD/YY): 11/5/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	[signature]	1800	11/5/97		Shipment to Lab

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

RFP No.: 2226

PO No.: 87052

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-5116 Fax: 908-225-7037

Matrix Box No.:	Preservative
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS KEN	COR	REAC	OTHER
VVVSED(S)	11/5/97/1100	5	L	G	6										Total PCBs
VVVSD2	11/5/97/1015														
VVVND1	11/5/97/1045														
VVVNS1	11/5/97/1040														
VVVND2	11/5/97/1050														
VVVSD1	11/5/97/1020														
VVVNS2	11/5/97/1040														
VVVSS1	11/5/97/1015														
VVVSS2	11/5/97/1015														
TTTSS1	11/5/97/1025														
TTTSED(S)	11/5/97/1215														

Comments:

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
M. Mahnke	1730	11/5/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. Mahnke	1800	11/5/97		Shipment to Lab
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

REP. No.: 2226

PO No.: 87052

CHAIN OF CUSTODY RECORD

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-5116 Fax: 908-225-7037

1. Surface Water
2. Ground Water
3. Leachate
4. Rinsate
5. Soil/Sediment
6. Oil
7. Waste
8. Other (Specify)

1. HCl
2. HNO3
3. Na2SO4
4. H2SO4
5. Other (Specify)
6. Ice Only
N. Not Preserved
* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST/PCBs	TAL	CN	RCRA ANALYSIS XRN	COR	REAC	OTHER
TTTSD2	11/5/97/1040	5	L	G	6									Total PCBs
TTTNS1	11/5/97/1140													
TTTSS2	11/5/97/1040													
TTTND2	11/5/97/1157													
TTTND1	11/5/97/1152													
TTTNS1	11/5/97/1141													
[illegible]TSD1	11/5/97/1040													
UUUSD1	11/5/97/1030													
UUUSED(D)	11/5/97/1210													
UUUSS2	11/5/97/1025													
UUUSED(S)	11/5/97/1150													

Comments:

Person Assuming Responsibility for Sample: M. Mehta — Time: 1730 — Date (MM/DD/YY): 11/5/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. Mehta	1800	11/5/97		Shipment to Lab

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

RFP No.: 2226

PO No.: 8[illegible]7052

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
UUUNS1	11/5/97/1120	5	L	G	6										Total PCBs
UUUND1	11/5/97/1123														
UUUSS1	11/5/97/1025														
UUUND2	11/5/97/1130														
UUUNS2	11/5/97/1115														
UUUNS3	11/5/97/1120														
UUUSD2	11/5/97/1025														
SSSSD1	11/5/97/1055														
SSSSD2	11/5/97/1055														
SSSS1	11/5/97/1050														
SSSSS2	11/5/97/1055														

Comments: Extra sample volume given for MS/MSD for sample UUUNS1

Person Assuming Responsibility for Sample: M. Mahikay

Time: 1730 Date (MM/DD/YY): 11/5/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. Mahikay	1800	11/5/97		Shipment to Lab

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

RFP No.: 2226

PO No.: 8[illegible]052

WESTON. MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 904-215-6116 Fax: 904-215-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCB	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
000SED(D)	11/5/97/1405	5	L	G	6										Total PCBs
000SED(S)	11/5/97/1405														
000SS1	11/5/97/1407														
000SD1	11/5/97/1410														
000SS2	11/5/97/1415														
NNNSD1	11/5/97/1427														
[illegible]NNSS2	11/5/97/1430														
NNNSS1	11/5/97/1425														
NNNSED(D)	11/5/97/1420														
NNNSED(S)	11/5/97/1420														
NNNND1	11/5/97/1455														

Comments:

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
M. Mahnke	1730	11/5/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. Mahnke	1800	11/5/97		Shipment to Lab
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

2226

PO No.: 87052

CHAIN OF CUSTODY RECORD

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
NNNS2	11/5/97/1450	5	L	G	6										Total PCBs
NNNS1	11/5/97/1450														
NNSD2	11/5/97/1425														
NNND2	11/5/97/1450														
QQSED(D)	11/5/97/1400														
QQSED(S)	11/5/97/1355														
QQND1	11/5/97/1425														
QQNS1	11/5/97/1420														
QQND2	11/5/97/1425														
QQNS3	11/5/97/1420														
QQNS2	11/5/97/1420														

ments: Extra volume was given for MS/MSD sample # QQQNS1

n Assuming Responsibility for Sample: M. Malik

Time	Date (MM/DD/YY)
1730	11/5/97

e Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
	M. Malik	1800	11/5/97		Shipment to Lab
e Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

. Weston, Inc.
RAL PROGRAMS DIVISION
ciation with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental
ment, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

RFP No.: 2226

PO No.: 8[illegible]052

WESTON. MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS KIN	COR	REAC	OTHER
PPPND2	11/5/97/1450	5	L	G	6										Total PCB's
PPPND1	11/5/97/1450														
PPPNS1	11/5/97/1415														
PPPSED(D)	11/5/97/1400														
PPPSED(S)	11/5/97/1400														
000NS3	11/5/97/1500														
000ND1	11/5/97/1510														
000NS1	11/5/97/1500														
000ND2	11/5/97/1500														
000NS2	11/5/97/1500														
000SD2	11/5/97/1410														

Comments: Extra sample volume was given for sample# 000NS1

Person Assuming Responsibility for Sample: M. Mahnkopf

Time: 1730 Date (MM/DD/YY): 11/5/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. Mahnkopf	1800	11/5/97		Shipment to Lab

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

...l and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

...mber	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
...SS2	11/5/97/1105	5	L	G	6										Total PCBs
...D(S)	11/5/97/1510														
...SS1	11/5/97/1525														
...S2	11/5/97/1515														
...D2	11/5/97/1515														
...SS1	11/5/97/1515														
...D(S)	11/5/97/1510														
...SS3	11/5/97/1525														
...D2	11/5/97/1535														
...NS2	11/5/97/1525														
...S2	11/5/97/1445														

Extra sample volume was given for MS/MSD sample # MMMNS1

...ming Responsibility for Sample:	Time	Date (MM/DD/YY)
M. Mahfooz	1730	11/5/97

...mber	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
	M. Mahfooz	1800	11/5/97		Shipment to Lab
...mber	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
...mber	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

...eston, Inc.
...L PROGRAMS DIVISION
...on with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental
..., C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

REF No.: 2226

PO No.: [redacted]7052

WESTON. MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCB	TAL	CN	RCRA ANALYSIS CN	COR	REAC	OTHER
PPPSS2	11/5/97/1200	S	L	G	6										Total PCB's
PPPSS1	11/5/97/1200														
PPPSD2	11/5/97/1202														
PPPSD1	11/5/97/1202														
QQQSS2	11/5/97/1120														
QQQSD1	11/5/97/1125														
[redacted]QSD2	11/5/97/1125														
QQQSS1	11/5/97/1120														
RRRSS1	11/5/97/1105														
RRRSD1	11/5/97/1110														
RRRSD2	11/5/97/1110														

Comments:

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
M. Mahoney	1730	

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. Mahoney	1800	11/5/97		Shipment to Lab

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

REP No.: 2226

PO No.: 87052

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCB	TAL	CN	RCRA ANALYSIS CON	COR	REAC	OTHER
RRRSED(D)	11/5/97/1300	5	L	G	6										Total PCBs
RRRSED(S)	11/5/97/1350	↓	↓	↓	↓										↓
RRRND2	11/5/97/1405														
RRRNS2	11/5/97/1400														
RRRNS1	11/5/97/1405														
RRRND1	11/5/97/1410														
SSSED(S)	11/5/97/1345														
SSSSED(D)	11/5/97/1345														
SSSNS1	11/5/97/1345														
SSSNS3	11/5/97/1345														
SSSND1	11/5/97/1355	↓	↓	↓	↓										↓

Comments: Extra sample volume was given for MS/MSD sample # SSSNS1

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
M. Mahfood	1730	11/5/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. Mahfood	1800	11/5/97		Shipment to Lab

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

REF No.: 2226

PO No.: 87052

CHAIN OF CUSTODY RECORD

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W8-0019
Phone: 908-225-6116 Fax: 908-225-7257

1. Surface Water
2. Ground Water
3. Leachate
4. Rinsate
5. Soil/Sediment
6. Oil
7. Waste
8. Other (Specify)

1. HCl
2. HNO3
3. Na2SO4
4. H2SO4
5. Other (Specify)
6. Ice Only
N. Not Preserved
* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCB	TAL	CN	RCRA ANALYSIS ICN	COR	REAC	OTHER
SSSNS2	11/5/97/1350	5	L	G	6										Total PCBs
SSSND2	11/5/97/1352	↓	↓	↓	↓										↓
LLLNS2	11/5/97/1637														
LLLSD2	11/5/97/1545														
LLLNS1	11/5/97/1525														
LLLND1	11/5/97/1535														
LLLSD1	11/5/97/1540														
LLLSS1	11/5/97/1520														
LLLSED(D)	11/5/97/1525														
LLLND2	11/5/97/1536														
LLLSS2	11/5/97/1530	↓	↓	↓	↓										↓

Comments:

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
M. Mahoney	1730	11/5/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. Mahoney	1800	11/5/97		Shipment to Lab
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

REF No.: 2226

PO No.: 87052

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS ION	COR	REAC	OTHER
LLLSED(S)	11/5/97/1523	5	L	G	6										Total PCBs
RB	11/5/97/1630	4	↓	↓	↓										↓

Comments:

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
M. Mahfouz	1730	11/5/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. Mahfouz	1800	11/5/97		Shipment to Lab
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

Roy F. Weston, Inc.
Federal Programs Division
Suite 201
1090 King Georges Post Road
Edison, New Jersey 08837-3703
908-225-6116 • Fax 908-225-7037

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019

December 18, 1997

Mr. Dan Harkay
U.S. Environmental Protection Agency
Removal Action Branch
2890 Woodbridge Avenue
Edison, New Jersey 08837

TDD NO: 02-97-09-0015
DCN NO: START-02-F-01520
SUBJECT: BOUND BROOK SOIL SAMPLING TRIP REPORT
CORNELL-DUBILIER ELECTRONICS,
SOUTH PLAINFIELD, NEW JERSEY

Dear Mr. Harkay:

Enclosed please find one (1) copy of the Sampling Trip Report for the Bound Brook soil/sediment sampling episode conducted at the above referenced site on December 3 and 4, 1997. If you have any questions or comments, please contact me at (732) 225-6116.

Sincerely,

ROY F. WESTON, INC.

M. Mahnkopf

Michael Mahnkopf
Project Manager

Enclosure

SAMPLING TRIP REPORT

SITE NAME: Cornell-Dubilier Electronics
DCN #: START-02-F-01520
TDD #: 02-97-09-0015
PCS #: 2251

SAMPLING DATE: December 3 and 4, 1997

EPA I.D. NO.: GZ

1. Site Location: Former Cornell-Dubilier Electronics
333 Hamilton Boulevard, South Plainfield, New Jersey
(See Figure 1).

2. Sample Descriptions: Two hundred and eleven (211) surface and subsurface soil/sediment samples (including field duplicates and MS/MSD's) and two (2) field rinsate blanks were collected and submitted for total polychlorinated biphenyl (PCB) analysis. See Tables 1 and 2 for additional information.

3. Laboratory Receiving Samples:

Analysis	Name and Address of Laboratory
Total PCBs	ICM Laboratories 1152 Route 10 Randolph, NJ 07869 (973) 584-0330

4. Sample Dispatch Data:

On December 3, 1997, a total of one-hundred and twenty-six (126) samples were shipped by Region II START personnel, via Federal Express (airbill No.'s 4811729580, 9701925563 and 9701925572), to ICM Laboratories.

On December 4, 1997, a total of eighty-seven (87) samples were shipped by Region II START personnel, via Federal Express (airbill No.'s 4811729602 and 9419811116), to ICM Laboratories.

5. On-Site Personnel:

Name	Representing	Duties on Site
Dan Harkay	U.S. EPA	On-Scene Coordinator
Michael Mahnkopf	Region II START	Project Manager
Raymond Klimcsak	Region II START	Sample Technician
Alfredo Vitrano	Region II START	Sample Technician
Alizabeth Olhasso (12/03/97 only)	Region II START	Sample Management
Brian McGinn (12/04/97 only)	Region II START	Sample Management

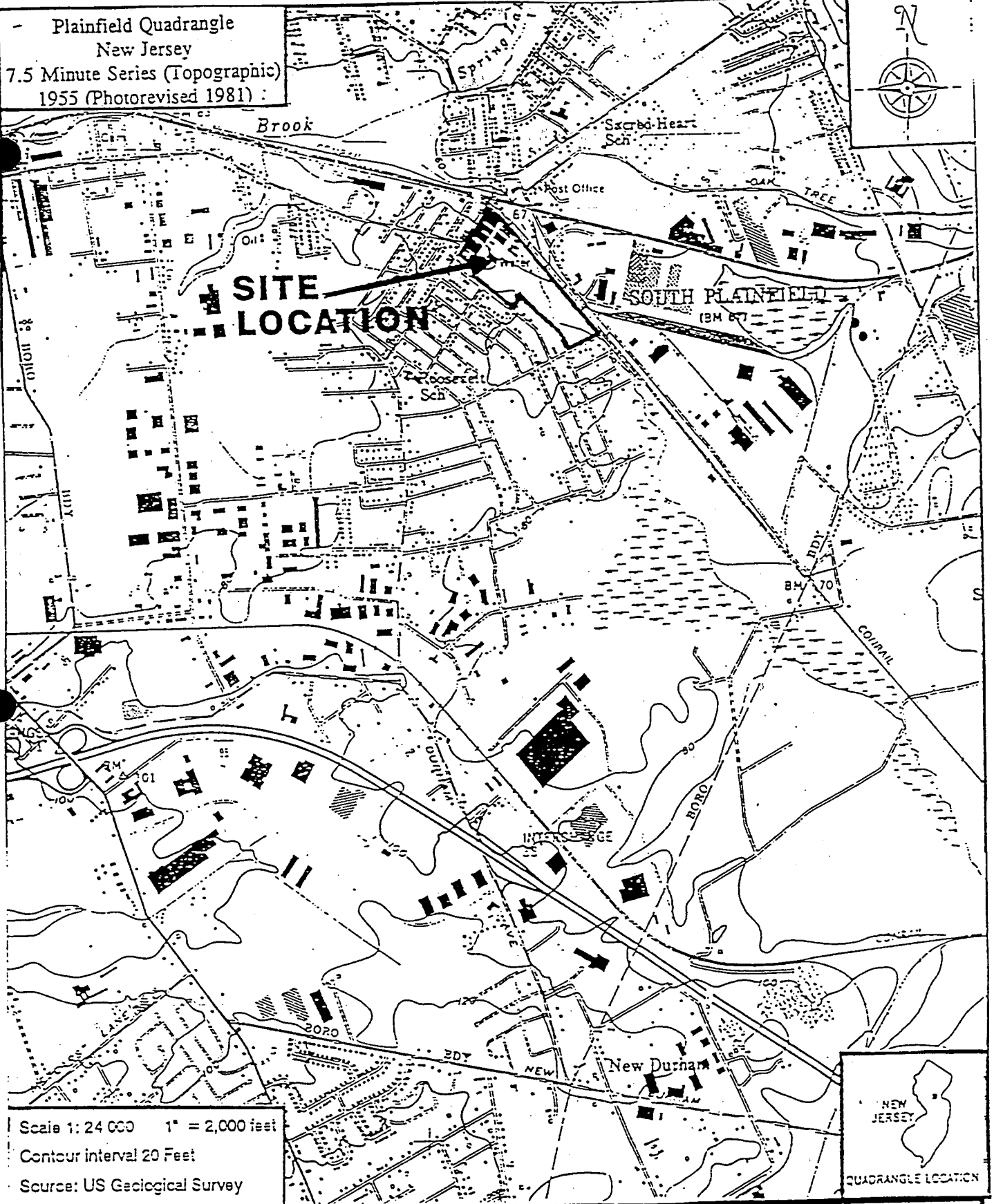
6. Additional Comments:

On December 3 and 4, 1997, a total of two hundred and eleven (211) soil samples were collected from one hundred (100) sample locations. The two hundred and eleven (211) samples included eighty (80) surface soil samples, seventy-one (71) subsurface soil samples, thirty-eight (38) sediment samples, eleven (11) field duplicates and eleven (11) matrix spike/matrix spike duplicate samples. All samples were collected with either dedicated plastic scoops/spatulas or non-dedicated stainless steel hand augers. Additionally, two (2) field rinsate blanks were generated and submitted for laboratory analysis.

Enclosed as Attachment A are copies of the chain of custody records.

7. Report prepared by: Michael Mahnkopf M.M. Date: December 18, 1997

8. Report reviewed by: Thomas O'Neill T.O. Date: December 18, 1997



WESTON MANAGERS DESIGNERS/CONSULTANTS — **Roy F. Weston, Inc.** FEDERAL PROGRAMS DIVISION	EPA TM D. HARKAY	CORNELL-DUBILIER ELECTRONICS S. PLAINFIELD, NJ
IN ASSOCIATION WITH RESOURCE APPLICATION, Inc. C.C. JOHNSON & MALHOTRA, P.C., R.E. SARRIERA ASSOCIATES, PRC ENVIRONMENTAL MANAGEMENT, AND GRB ENVIRONMENTAL SERVICES, INC.	START PM M. MAHNKOPF	FIGURE 1 SITE LOCATION MAP

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
CCCCNS1	Soil	0-6"	12/03/97 0955 hrs.	Total PCB	Transect CCCC
CCCCNS2	Soil	0-6"	12/03/97 0955 hrs.	Total PCB	Transect CCCC
CCCCND1	Soil	18-24"	12/03/97 1000 hrs.	Total PCB	Transect CCCC
CCCCND2	Soil	12-18"	12/03/97 1000 hrs.	Total PCB	Transect CCCC
CCCCSED(S)	Sediment	0-6"	12/03/97 1503 hrs.	Total PCB	Transect CCCC
CCCCSED(D)	Sediment	18-24"	12/03/97 1505 hrs.	Total PCB	Transect CCCC
CCCCSS1	Soil	0-6"	12/03/97 0940 hrs.	Total PCB	Transect CCCC
CCCCSS2	Soil	0-6"	12/03/97 0940 hrs.	Total PCB	Transect CCCC
CCCCSD1	Soil	18-24"	12/03/97 0942 hrs.	Total PCB	Transect CCCC
CCCCSD2	Soil	18-24"	12/03/97 0946 hrs.	Total PCB	Transect CCCC
CCCCNS3	Soil	0-6"	12/03/97 0955 hrs.	Total PCB	Duplicate of CCCCNS1
CCCCNS1 MS/MSD	Soil	0-6"	12/03/97 0955 hrs.	Total PCB	Matrix spike/ Matrix spike dupl.

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
DDDDNS1	Soil	0-6"	12/03/97 1023 hrs.	Total PCB	Transect DDDD
DDDDNS2	Soil	0-6"	12/03/97 1020 hrs.	Total PCB	Transect DDDD
DDDDND1	Soil	18-24"	12/03/97 1028 hrs.	Total PCB	Transect DDDD
DDDDND2	Soil	18-24"	12/03/97 1029 hrs.	Total PCB	Transect DDDD
DDDDSED(S)	Sediment	0-6"	12/03/97 1450 hrs.	Total PCB	Transect DDDD
DDDDSED(D)	Sediment	18-24"	12/03/97 1500 hrs.	Total PCB	Transect DDDD
DDDDSS1	Soil	0-6"	12/03/97 0950 hrs.	Total PCB	Transect DDDD
DDDDSS2	Soil	0-6"	12/03/97 0950 hrs.	Total PCB	Transect DDDD
DDDDSD1	Soil	18-24"	12/03/97 1055 hrs.	Total PCB	Transect DDDD
DDDDSD2	Soil	18-24"	12/03/97 0955 hrs.	Total PCB	Transect DDDD
EEEENS1	Soil	0-6"	12/03/97 1040 hrs.	Total PCB	Transect EEEE
EEEENS2	Soil	0-6"	12/03/97 1040 hrs.	Total PCB	Transect EEEE

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
EEEEND1	Soil	6-12"	12/03/97 1050 hrs.	Total PCB	Transect EEEE
EEEEND2	Soil	18-24"	12/03/97 1045 hrs.	Total PCB	Transect EEEE
EEEESED(S)	Sediment	0-6"	12/03/97 1445 hrs.	Total PCB	Transect EEEE
EEEESS1	Soil	0-6"	12/03/97 1004 hrs.	Total PCB	Transect EEEE
EEEESS2	Soil	0-6"	12/03/97 1004 hrs.	Total PCB	Transect EEEE
EEEESD1	Soil	18-24"	12/03/97 1006 hrs.	Total PCB	Transect EEEE
EEEESD2	Soil	18-24"	12/03/97 1008 hrs.	Total PCB	Transect EEEE
EEEENS3	Soil	0-6"	12/03/97 1040 hrs.	Total PCB	Duplicate of EEEENS1
EEEENS1 MS/MSD	Soil	0-6"	12/03/97 1040 hrs.	Total PCB	Matrix spike/ Matrix spike dupl.
FFFFNS1	Soil	0-6"	12/03/97 1105 hrs.	Total PCB	Transect FFFF
FFFFNS2	Soil	0-6"	12/03/97 1105 hrs.	Total PCB	Transect FFFF

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
FFFFND1	Soil	12-18"	12/03/97 1110 hrs.	Total PCB	Transect FFFF
FFFFND2	Soil	18-24"	12/03/97 1110 hrs.	Total PCB	Transect FFFF
FFFFSED(S)	Sediment	0-6"	12/03/97 1435 hrs.	Total PCB	Transect FFFF
FFFFSS1	Soil	0-6"	12/03/97 1026 hrs.	Total PCB	Transect FFFF
FFFFSS2	Soil	0-6"	12/03/97 1026 hrs.	Total PCB	Transect FFFF
FFFFSD1	Soil	18-24"	12/03/97 1030 hrs.	Total PCB	Transect FFFF
FFFFSD2	Soil	18-24"	12/03/97 1033 hrs.	Total PCB	Transect FFFF
GGGGNS1	Soil	0-6"	12/03/97 1120 hrs.	Total PCB	Transect GGGG
GGGGNS2	Soil	0-6"	12/03/97 1120 hrs.	Total PCB	Transect GGGG
GGGGND1	Soil	18-24"	12/03/97 1130 hrs.	Total PCB	Transect GGGG
GGGGND2	Soil	18-24"	12/03/97 1125 hrs.	Total PCB	Transect GGGG
GGGGSED(S)	Sediment	0-6"	12/03/97 1430 hrs.	Total PCB	Transect GGGG

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
GGGGSED(D)	Sediment	18-24"	12/03/97 1431 hrs.	Total PCB	Transect GGGG
GGGGSS1	Soil	0-6"	12/03/97 1045 hrs.	Total PCB	Transect GGGG
GGGGSS2	Soil	0-6"	12/03/97 1045 hrs.	Total PCB	Transect GGGG
GGGGSD1	Soil	18-24"	12/03/97 1050 hrs.	Total PCB	Transect GGGG
GGGGNS3	Soil	0-6"	12/03/97 1202 hrs.	Total PCB	Duplicate of GGGGNS1
GGGGNS1 MS/MSD	Soil	0-6"	12/03/97 1420 hrs.	Total PCB	Matrix spike/ Matrix spike dupl.
HHHHNS1	Soil	0-6"	12/03/97 1145 hrs.	Total PCB	Transect HHHH
HHHHNS2	Soil	0-6"	12/03/97 1145 hrs.	Total PCB	Transect HHHH
HHHHND1	Soil	18-24"	12/03/97 1150 hrs.	Total PCB	Transect HHHH
HHHHND2	Soil	18-24"	12/03/97 1148 hrs.	Total PCB	Transect HHHH
HHHHSED(S)	Sediment	0-6"	12/03/97 1416 hrs.	Total PCB	Transect HHHH
HHHHSED(D)	Sediment	18-24"	12/03/97 1425 hrs.	Total PCB	Transect HHHH

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
HHHHSS1	Soil	0-6"	12/03/97 1100 hrs.	Total PCB	Transect HHHH
HHHHSS2	Soil	0-6"	12/03/97 1100 hrs.	Total PCB	Transect HHHH
HHHHSD1	Soil	18-24"	12/03/97 1102 hrs.	Total PCB	Transect HHHH
HHHHSD2	Soil	18-24"	12/03/97 1104 hrs.	Total PCB	Transect HHHH
IIIINS1	Soil	0-6"	12/03/97 1158 hrs.	Total PCB	Transect IIII
IIIINS2	Soil	0-6"	12/03/97 1158 hrs.	Total PCB	Transect IIII
IIIIND2	Soil	18-24"	12/03/97 1205 hrs.	Total PCB	Transect IIII
IIIISED(S)	Sediment	0-6"	12/03/97 1407 hrs.	Total PCB	Transect IIII
IIIISED(D)	Sediment	18-24"	12/03/97 1415 hrs.	Total PCB	Transect IIII
IIIISS1	Soil	0-6"	12/03/97 1112 hrs.	Total PCB	Transect IIII
IIIISS2	Soil	0-6"	12/03/97 1111 hrs.	Total PCB	Transect IIII
IIIISD1	Soil	18-24"	12/03/97 1115 hrs.	Total PCB	Transect IIII

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
IIIISD2	Soil	18-24"	12/03/97 1118 hrs.	Total PCB	Transect IIII
IIIISN3	Soil	0-6"	12/03/97 1158 hrs.	Total PCB	Duplicate of IIIINS1
IIIINS1 MS/MSD	Soil	0-6"	12/03/97 1158 hrs.	Total PCB	Matrix spike/ Matrix spike dupl.
JJJJNS1	Soil	0-6"	12/03/97 1210 hrs.	Total PCB	Transect JJJJ
JJJJNS2	Soil	0-6"	12/03/97 1209 hrs.	Total PCB	Transect JJJJ
JJJJND1	Soil	18-24"	12/03/97 1212 hrs.	Total PCB	Transect JJJJ
JJJJND2	Soil	18-24"	12/03/97 1215 hrs.	Total PCB	Transect JJJJ
JJJJSED(S)	Sediment	0-6"	12/03/97 1400 hrs.	Total PCB	Transect JJJJ
JJJJSED(D)	Sediment	18-24"	12/03/97 1405 hrs.	Total PCB	Transect JJJJ
JJJJSS1	Soil	0-6"	12/03/97 1130 hrs.	Total PCB	Transect JJJJ
JJJJSS2	Soil	0-6"	12/03/97 1130 hrs.	Total PCB	Transect JJJJ
JJJJSD1	Soil	18-24"	12/03/97 1135 hrs.	Total PCB	Transect JJJJ

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
JJJJSD2	Soil	18-24"	12/03/97 1156 hrs.	Total PCB	Transect JJJJ
KKKKNS1	Soil	0-6"	12/03/97 1400 hrs.	Total PCB	Transect KKKK
KKKKNS2	Soil	0-6"	12/03/97 1400 hrs.	Total PCB	Transect KKKK
KKKKND1	Soil	18-24"	12/03/97 1410 hrs.	Total PCB	Transect KKKK
KKKKND2	Soil	18-24"	12/03/97 1405 hrs.	Total PCB	Transect KKKK
KKKKSS1	Soil	0-6"	12/03/97 1540 hrs.	Total PCB	Transect KKKK
KKKKSS2	Soil	0-6"	12/03/97 1540 hrs.	Total PCB	Transect KKKK
KKKKSD1	Soil	18-24"	12/03/97 1545 hrs.	Total PCB	Transect KKKK
KKKKNS1 MS/MSD	Soil	0-6"	12/03/97 1400 hrs.	Total PCB	Matrix spike/ Matrix spike dupl.
KKKKNS3	Soil	0-6"	12/03/97 1400 hrs.	Total PCB	Duplicate of KKKKNS1
LLLLNS1	Soil	0-6"	12/03/97 1418 hrs.	Total PCB	Transect LLLL
LLLLNS2	Soil	0-6"	12/03/97 1418 hrs.	Total PCB	Transect LLLL

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
LLLLND1	Soil	18-24"	12/03/97 1423 hrs.	Total PCB	Transect LLLL
LLLLND2	Soil	18-24"	12/03/97 1423 hrs.	Total PCB	Transect LLLL
LLLLSS1	Soil	0-6"	12/03/97 1555 hrs.	Total PCB	Transect LLLL
LLLLSS2	Soil	0-6"	12/03/97 1456 hrs.	Total PCB	Transect LLLL
MMMMNS1	Soil	0-6"	12/03/97 1438 hrs.	Total PCB	Transect MMMM
MMMMNS2	Soil	0-6"	12/03/97 1438 hrs.	Total PCB	Transect MMMM
MMMMND1	Soil	18-24"	12/03/97 1445 hrs.	Total PCB	Transect MMMM
MMMMND2	Soil	18-24"	12/03/97 1445 hrs.	Total PCB	Transect MMMM
MMMMSS1	Soil	0-6"	12/03/97 1415 hrs.	Total PCB	Transect MMMM
MMMMSS2	Soil	0-6"	12/03/97 1614 hrs.	Total PCB	Transect MMMM
NNNNNS1	Soil	0-6"	12/03/97 1453 hrs.	Total PCB	Transect NNNN
NNNNNS2	Soil	0-6"	12/03/97 1453 hrs.	Total PCB	Transect NNNN

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
NNNNND1	Soil	18-24"	12/03/97 1457 hrs.	Total PCB	Transect NNNN
NNNNND2	Soil	18-24"	12/03/97 1458 hrs.	Total PCB	Transect NNNN
NNNNNS1 MS/MSD	Soil	0-6"	12/03/97 1453 hrs.	Total PCB	Matrix spike/ Matrix spike dupl.
NNNNNS3	Soil	0-6"	12/03/97 1453 hrs.	Total PCB	Duplicate of NNNNNS1
OOOONS1	Soil	0-6"	12/03/97 1510 hrs.	Total PCB	Transect OOOO
OOOONS2	Soil	0-6"	12/03/97 1510 hrs.	Total PCB	Transect OOOO
OOOOND1	Soil	18-24"	12/03/97 1515 hrs.	Total PCB	Transect OOOO
OOOOND2	Soil	18-24"	12/03/97 1515 hrs.	Total PCB	Transect OOOO
PPPPNS1	Soil	0-6"	12/03/97 1525 hrs.	Total PCB	Transect PPPP
PPPPNS2	Soil	0-6"	12/03/97 1525 hrs.	Total PCB	Transect PPPP
PPPPND1	Soil	18-24"	12/03/97 1532 hrs.	Total PCB	Transect PPPP
PPPPND2	Soil	18-24"	12/03/97 1530 hrs.	Total PCB	Transect PPPP

TABLE 1

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 3, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
QQQQNS1	Soil	0-6"	12/03/97 1540 hrs.	Total PCB	Transect QQQQ
QQQQNS2	Soil	0-6"	12/03/97 1540 hrs.	Total PCB	Transect QQQQ
QQQQND1	Soil	18-24"	12/03/97 1546 hrs.	Total PCB	Transect QQQQ
QQQQND2	Soil	18-24"	12/03/97 1546 hrs.	Total PCB	Transect QQQQ
QQQQNS1 MS/MSD	Soil	0-6"	12/03/97 1540 hrs.	Total PCB	Matrix spike/ Matrix spike dupl.
QQQQNS3	Sediment	0-6"	12/03/97 1540 hrs.	Total PCB	Duplicate of QQQQNS1
RB1	Aqueous	N/A	12/03/97 1630 hrs.	Total PCB	Rinsate Blank

Notes:

1. Proposed samples EEEESED(D) and FFFFSED(D) were not collected due to the presence of shale at 6" below the bottom of the streambed.

2. Proposed samples GGGGSD2 and IIIIND1 were not collected due to the presence of first groundwater at a depth of 6" below ground surface.

3. Proposed samples KKKKSD2, LLLLSD1, LLLLSD2, MMMMSD1 and MMMMSD2 were not collected due to the presence of rock/fill at a depth of 6" below ground surface.

TABLE 2

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 4, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
KKKKSED(S)	Sediment	0-6"	12/04/97 1215 hrs.	Total PCB	Transect KKKK
KKKKSED(D)	Sediment	18-24"	12/04/97 1220 hrs.	Total PCB	Transect KKKK
LLLLSED(S)	Sediment	0-6"	12/04/97 1220 hrs.	Total PCB	Transect LLLL
LLLLSED(D)	Sediment	18-24"	12/04/97 1225 hrs.	Total PCB	Transect LLLL
MMMMSED(S)	Sediment	0-6"	12/04/97 1213 hrs.	Total PCB	Transect MMMM
MMMMSED(D)	Sediment	18-24"	12/04/97 1215 hrs.	Total PCB	Transect MMMM
NNNNSED(S)	Sediment	0-6"	12/04/97 1155 hrs.	Total PCB	Transect NNNN
NNNNSED(D)	Sediment	18-24"	12/04/97 1200 hrs.	Total PCB	Transect NNNN
NNNNSS1	Soil	0-6"	12/04/97 1155 hrs.	Total PCB	Transect NNNN
NNNNSS2	Soil	0-6"	12/04/97 1155 hrs.	Total PCB	Transect NNNN
NNNNSD1	Soil	18-24"	12/04/97 1200 hrs.	Total PCB	Transect NNNN
NNNNSD2	Soil	18-24"	12/04/97 1200 hrs.	Total PCB	Transect NNNN

TABLE 2

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 4, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
OOOOSED(S)	Sediment	0-6"	12/04/97 1140 hrs.	Total PCB	Transect OOOO
OOOOSED(D)	Sediment	18-24"	12/04/97 1143 hrs.	Total PCB	Transect OOOO
OOOOSS1	Soil	0-6"	12/04/97 1132 hrs.	Total PCB	Transect OOOO
OOOOSS2	Soil	0-6"	12/04/97 1132 hrs.	Total PCB	Transect OOOO
OOOOSD1	Soil	18-24"	12/04/97 1137 hrs.	Total PCB	Transect OOOO
OOOOSD2	Soil	18-24"	12/04/97 1140 hrs.	Total PCB	Transect OOOO
OOOOSS1 MS/MSD	Soil	0-6"	12/04/97 1132 hrs.	Total PCB	Matrix spike/ Matrix spike dupl.
OOOOSS3	Soil	0-6"	12/04/97 1132 hrs.	Total PCB	Duplicate of OOOOSS1
PPPPSED(S)	Sediment	0-6"	12/04/97 1131 hrs.	Total PCB	Transect PPPP
PPPPSED(D)	Sediment	18-24"	12/04/97 1134 hrs.	Total PCB	Transect PPPP
PPPPSS1	Soil	0-6"	12/04/97 1114 hrs.	Total PCB	Transect PPPP
PPPPSS2	Soil	0-6"	12/04/97 1114 hrs.	Total PCB	Transect PPPP

TABLE 2

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 4, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
PPPPSD1	Soil	18-24"	12/04/97 1119 hrs.	Total PCB	Transect PPPP
PPPPSD2	Soil	18-24"	12/04/97 1120 hrs.	Total PCB	Transect PPPP
QQQQSED(S)	Sediment	0-6"	12/04/97 1125 hrs.	Total PCB	Transect QQQQ
QQQQSED(D)	Sediment	18-24"	12/04/97 1130 hrs.	Total PCB	Transect QQQQ
QQQQSS1	Soil	0-6"	12/04/97 1055 hrs.	Total PCB	Transect QQQQ
QQQQSS2	Soil	0-6"	12/04/97 1055 hrs.	Total PCB	Transect QQQQ
QQQQSD1	Soil	18-24"	12/04/97 1100 hrs.	Total PCB	Transect QQQQ
QQQQSD2	Soil	18-24"	12/04/97 1110 hrs.	Total PCB	Transect QQQQ
RRRRNS1	Soil	0-6"	12/04/97 0908 hrs.	Total PCB	Transect RRRR
RRRRNS2	Soil	0-6"	12/04/97 0908 hrs.	Total PCB	Transect RRRR
RRRRND1	Soil	18-24"	12/04/97 0915 hrs.	Total PCB	Transect RRRR

TABLE 2

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 4, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
RRRRND2	Soil	6-12"	12/04/97 0913 hrs.	Total PCB	Transect RRRR
RRRRSED(S)	Sediment	0-6"	12/04/97 1055 hrs.	Total PCB	Transect RRRR
RRRRSED(D)	Sediment	18-24"	12/04/97 1100 hrs.	Total PCB	Transect RRRR
RRRRSS1	Soil	0-6"	12/04/97 1106 hrs.	Total PCB	Transect RRRR
RRRRSS2	Soil	0-6"	12/04/97 1106 hrs.	Total PCB	Transect RRRR
RRRRSD2	Soil	18-24"	12/04/97 1114 hrs.	Total PCB	Transect RRRR
RRRRNS1 MS/MSD	Soil	0-6"	12/04/97 0908 hrs.	Total PCB	Matrix spike/ Matrix spike dupl.
RRRRNS3	Soil	0-6"	12/04/97 0908 hrs.	Total PCB	Duplicate of RRRRNS1
SSSSNS1	Soil	0-6"	12/04/97 0925 hrs.	Total PCB	Transect SSSS
SSSSNS2	Soil	0-6"	12/04/97 0925 hrs.	Total PCB	Transect SSSS
SSSSND1	Soil	18-24"	12/04/97 0930 hrs.	Total PCB	Transect SSSS
SSSSND2	Soil	18-24"	12/04/97 0930 hrs.	Total PCB	Transect SSSS

TABLE 2

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 4, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
SSSSSED(S)	Sediment	0-6"	12/04/97 1034 hrs.	Total PCB	Transect SSSS
SSSSSED(D)	Sediment	18-24"	12/04/97 1040 hrs.	Total PCB	Transect SSSS
SSSSSS1	Soil	0-6"	12/04/97 1043 hrs.	Total PCB	Transect SSSS
SSSSSS2	Soil	0-6"	12/04/97 1042 hrs.	Total PCB	Transect SSSS
SSSSSD1	Soil	18-24"	12/04/97 1047 hrs.	Total PCB	Transect SSSS
SSSSSD2	Soil	18-24"	12/04/97 1050 hrs.	Total PCB	Transect SSSS
TTTTNS1	Soil	0-6"	12/04/97 0942 hrs.	Total PCB	Transect TTTT
TTTTNS2	Soil	0-6"	12/04/97 0942 hrs.	Total PCB	Transect TTTT
TTTTND1	Soil	6-12"	12/04/97 0950 hrs.	Total PCB	Transect TTTT
TTTTND2	Soil	18-24"	12/04/97 0947 hrs.	Total PCB	Transect TTTT
TTTTSED(S)	Soil	0-6"	12/04/97 1018 hrs.	Total PCB	Transect TTTT
TTTTSED(D)	Soil	18-24"	12/04/97 1026 hrs.	Total PCB	Transect TTTT

TABLE 2

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 4, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
TTTTSS1	Soil	0-6"	12/04/97 1003 hrs.	Total PCB	Transect TTTT
TTTTSS2	Soil	0-6"	12/04/97 1003 hrs.	Total PCB	Transect TTTT
TTTTSD1	Soil	18-24"	12/04/97 1008 hrs.	Total PCB	Transect TTTT
TTTTSD2	Soil	18-24"	12/04/97 1012 hrs.	Total PCB	Transect TTTT
TTTTNS1 MS/MSD	Soil	0-6"	12/04/97 0942 hrs.	Total PCB	Matrix spike/ Matrix spike dupl.
TTTTNS3	Soil	0-6"	12/04/97 0942 hrs.	Total PCB	Duplicate of TTTTNS1
UUUUNS1	Soil	0-6"	12/04/97 1010 hrs.	Total PCB	Transect UUUU
UUUUNS2	Soil	0-6"	12/04/97 1010 hrs.	Total PCB	Transect UUUU
UUUUND1	Soil	6-12"	12/04/97 1017 hrs.	Total PCB	Transect UUUU
UUUUND2	Soil	18-24"	12/04/97 1017 hrs.	Total PCB	Transect UUUU
UUUUSED(S)	Sediment	0-6"	12/04/97 0950 hrs.	Total PCB	Transect UUUU
UUUUSED(D)	Sediment	18-24"	12/04/97 0952 hrs.	Total PCB	Transect UUUU

TABLE 2

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 4, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
UUUUSS1	Soil	0-6"	12/04/97 0940 hrs.	Total PCB	Transect UUUU
UUUUSS2	Soil	0-6"	12/04/97 0942 hrs.	Total PCB	Transect UUUU
UUUUSD1	Soil	18-24"	12/04/97 0945 hrs.	Total PCB	Transect UUUU
UUUUSD2	Soil	18-24"	12/04/97 0946 hrs.	Total PCB	Transect UUUU
VVVVNS1	Soil	0-6"	12/04/97 1005 hrs.	Total PCB	Transect VVVV
VVVVNS2	Soil	18-24"	12/04/97 1010 hrs.	Total PCB	Transect VVVV
VVVVND1	Soil	18-24"	12/04/97 1009 hrs.	Total PCB	Transect VVVV
VVVVND2	Soil	0-6"	12/04/97 1000 hrs.	Total PCB	Transect VVVV
VVVVSED(S)	Soil	18-24"	12/04/97 1002 hrs.	Total PCB	Transect VVVV
VVVVSED(D)	Soil	0-6"	12/04/97 1000 hrs.	Total PCB	Transect VVVV
VVVVSS1	Soil	0-6"	12/04/97 1006 hrs.	Total PCB	Transect VVVV
VVVVSS2	Soil	18-24"	12/04/97 1005 hrs.	Total PCB	Transect VVVV

TABLE 2

CORNELL-DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
BOUND BROOK SOIL SAMPLING & ANALYSIS

DECEMBER 4, 1997

SAMPLE ID	MATRIX	DEPTH	DATE/ TIME	ANALYSIS	LOCATION
VVVVSD2	Soil	0-6"	12/04/97 0945 hrs.	Total PCB	Transect VVVV
VVVVNS1 MS/MSD	Soil	0-6"	12/04/97 0945 hrs.	Total PCB	Matrix spike/ Matrix spike dupl.
VVVVNS3	Soil	0-6"	12/04/97 0940 hrs.	Total PCB	Duplicate of VVVVNS1
RB2	Aqueous	N/A	12/04/97 1250 hrs.	Total PCB	Rinsate Blank

Notes:

1. Proposed samples RRRRSD1 and VVVVSD1 were not collected due to the presence of first groundwater at a depth of 6" below ground surface.

ATTACHMENT 1

CHAIN OF CUSTODY RECORDS

CHAIN OF CUSTODY RECORD

P No.: 2272

D No.: 37[illegible]61

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:
1. Surface Water
2. Ground Water
3. Leachate
4. Rinsate
5. Soil/Sediment
6. Oil
7. Waste
8. Other (Specify)

1. HCl
2. HNO3
3. Na2SO4
4. H2SO4
5. Other (Specify)
6. Ice Only
N. Not Preserved
* See Comments

end verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
CCCCNS1	12/03/97/0955	5	L	G	6				X						MS/MSD
NS2	0955								X						
NS3	0955								X						
ND1	1000								X						
ND2	1000								X						
SS1	0940								X						
SS2	0940								X						
SD1	0942								X						
SD2	0946								X						
DDDDNS1	1023								X						
NS2	1020								X						

Comments:

Person Assuming Responsibility for Sample: M. Malik

Time: 1730 Date (MM/DD/YY): 12/3/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	M. Malik	1800	12/3/97		

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

P No.: 272

No.: 37[redacted]01

CHAIN OF CUSTODY RECORD

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

1. Surface Water
2. Ground Water
3. Leachate
4. Rinsate
5. Soil/Sediment
6. Oil
7. Waste
8. Other (Specify)

1. HCl
2. HNO3
3. Na2SO4
4. H2SO4
5. Other (Specify)
6. Ice Only
N. Not Preserved
* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time		Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
DDDND1	12/3/97	1028	5	L	G	6				X						
ND2		1024								X						
SS1		0950								X						
SS2		0950								X						
SD1		1055								X						
SD2		0955								X						MS/MSD
EEEE NS1		1040								X						
NS2		1040								X						
NS3		1040								X						
ND1		1050								X						
ND2		1045								X						

Comments:

Person Assuming Responsibility for Sample: M. Mc[illegible] — Time: 1730 — Date (MM/DD/YY): 12/3/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	M. Mc[illegible]	1800	12/3/97		
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
[redacted]					

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

P No.: 2272

D No.: 37[illegible]61

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 904-225-6116 Fax: 904-225-7037

Matrix Box No.	
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

end verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS KIN	COR	REAC	OTHER
EEEE SS1	12/3/97 1004	5	L	G	6				X						
SS2	1004								X						
SD1	1006								X						
SD2	1008								X						
FFFF SS1	1026								X						
SS2	1026								X						
SD1	1030								X						
SD2	1033								X						
NS1	1105								X						
NS2	1105								X						
ND1	1110								X						

Comments:

Person Assuming Responsibility for Sample: M. Mahlkauff

Time: 1730 Date (MM/DD/YY): 12/3/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	M. Mahlkauff	1800	12/3/97		

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

P No.: 2272

D No.: 379601

CHAIN OF CUSTODY RECORD

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 904-215-5116 Fax: 904-215-7037

1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSES VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSES IGN	COR	REAC	OTHER	
FFF ND2	12/3/97/1110	5	L	G	6				X							
GGG NS1	1120								X						MS	MSD
NS2	1120								X							
NS3	1120								X							
ND1	1130								X							
ND2	1125								X							
SS1	1045								X							
SS2	1045								X							
SD1	1050								X							
HHHH NS1	1145								X							
NS2	1145								X							

Comments:

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
M Mahoney	1730	12/3/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	M. Mahoney	1500	12/3/97		
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, FRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

P.No.: 2272

No.: 37[illegible]01

CHAIN OF CUSTODY RECORD

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 904-225-5116 Fax: 904-225-7037

1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

nd verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
HHHH ND1	12/3/97/1150	5	L	G	6				X						
ND2	1148								X						
SS1	1100								X						
SS2	1100								X						
SD1	1102								X						
SD2	1104								X						
SS1	1112								X						
SS2	1111								X						
SD1	1115								X						
SD2	1118								X						
NS1	1158								X						MS/MSD

Comments:

Person Assuming Responsibility for Sample: M. Mahnkopf

Time: 1730 Date (MM/DD/YY): 12/3/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	M. Mahnkopf	1800	12/3/97		

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental
[illegible] C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

P.No.: 2272

No.: 379[illegible]

CHAIN OF CUSTODY RECORD

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-5116 Fax: 908-225-7037

1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

nd verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS KEN	COR	REAC	OTHER
IIII NS2	12/03/97/1158	5	L	G	6				X						
NS3	1158								X						
ND2	1205								X						
JJJJ SS1	1130								X						
SS2	1130								X						
SD1	1135								X						
SD2	1156								X						
NS1	1210								X						
NS2	1209								X						
ND1	1212								X						
ND2	1215								X						

Comments:

Person Assuming Responsibility for Sample: M. Mahrkey

Time: 1730 Date (MM/DD/YY): 12/3/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	M. Mahrkey	1800	12/3/97		

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

P No.: 2272

D No.: 87961

CHAIN OF CUSTODY

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-WS-0019
Phone: 908-225-6116 Fax: 908-225-7037

1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS KEN	COR	REAC	OTHER
CCCC SED(S)	12/03/97/1503	5	L	G	6				X						
↓ SED(D)	1505								X						
DDDD SED(S)	1450								X						
↓ SED(D)	1500								X						
EEEE SED(S)	1445								X						
FFFF SED(S)	1435								X						
GG[illegible] SED(S)	1430								X						
↓ SED(D)	1431								X						
HHHH SED(S)	1416								X						
↓ SED(D)	1425								X						
IIII SED(S)	↓ 1407	↓	↓	↓	↓				X						

Comments:

Person Assuming Responsibility for Sample: M. Malakoff

Time: 1730 Date (MM/DD/YY): 12/3/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	M. Malakoff	1800	12/3/97		

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

TP No.: 2272

D No.: 37[illegible]61

CHAIN OF CUSTODY RECORD

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

1. Surface Water
2. Ground Water
3. Leachate
4. Rinsate
5. Soil/Sediment
6. Oil
7. Waste
8. Other (Specify)

1. HCl
2. HNO3
3. Na2SO4
4. H2SO4
5. Other (Specify)
6. Ice Only
N. Not Preserved
* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	RCRA ANALYSIS TAL	CN	IGN	COR	REAC	OTHER
IIISED(D)	12/3/97/1415	5	L	G	6				X						
JJJSED(S)	1400								X						
↓SED(D)	1405								X						
KKKKSS1	1540								X						
SS2	1540								X						
↓ SD1	1545								X						
LL[illegible] SS1	1555								X						
↓ SS2	1456								X						
mmmSS1	1415								X						
↓ SS2	1614								X						
KKKKNS1	↓ 1400	↓	↓	↓	↓				X						MS/MSD

Comments:

Person Assuming Responsibility for Sample: M. Mahler — Time: 1730 — Date (MM/DD/YY): 12/3/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	M. Mahler	1730	12/3/97		
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
[illegible]					

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

FP No.: 2272

O No.: 379[illegible]1

CHAIN OF CUSTODY RECORD

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS KIN	COR	REAC	OTHER
KKKK NS2	12/03/97/1400	5	L	G	6				X						
NS3	1400								X						
ND1	1410								X						
ND2	1405								X						
LLLL NS1	1418								X						
NS2	1418								X						
ND1	1423								X						
ND2	1423								X						
mmmm NS1	1438								X						
NS2	1439								X						
ND1	1445								X						

Comments:

Person Assuming Responsibility for Sample: M. Mahnkopf

Time: 1730 Date (MM/DD/YY): 12/3/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	M. Mahnkopf	1800	12/3/97		

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

FP No.: 2272

O No.: 8766

CHAIN OF CUSTODY RECORD

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-5116 Fax: 908-225-7037

1. Surface Water
2. Ground Water
3. Leachate
4. Rinsate
5. Soil/Sediment
6. Oil
7. Waste
8. Other (Specify)

1. HCl
2. HNO3
3. Na2SO4
4. H2SO4
5. Other (Specify)
6. Ice Only
N. Not Preserved
* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCB	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
MMMM ND2	12/03/97/1445	5	L	G	6				X						
NNNN NS1	1453								X						MS/MSD
NS2	1453								X						
NS3	1453								X						
ND1	1457								X						
ND2	1458								X						
[illegible] NS1	1510								X						
NS2	1510								X						
ND1	1515								X						
ND2	1515								X						D
~~PPPP NS1~~	~~1525~~								~~X~~						

Comments:

Person Assuming Responsibility for Sample: M. McKnight — Time: 1730 — Date (MM/DD/YY): 12/3/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	M. McKnight	1830	12/3/97		

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

FP No.: 2272

O No.: 8796

WESTON. MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

1. Surface Water
2. Ground Water
3. Leachate
4. Rinsate
5. Soil/Sediment
6. Oil
7. Waste
8. Other (Specify)

1. HCl
2. HNO3
3. Na2SO4
4. H2SO4
5. Other (Specify)
6. Ice Only
N. Not Preserved
* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaiy, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
PPPP NS1	12/03/97 1525	5	L	G	6				X						
NS2	1525								X						
ND1	1532								X						
ND2	1530								X						
QQQQ NS1	1540								X						MS/MSD
NS2	1540								X						
NS3	1540								X						
ND1	1546								X						
ND2	1545								X						
RB-1	12/03/97 1630								X						Rinsate Blank
									X						

Comments:

Person Assuming Responsibility for Sample: M. Mahfood — Time: 1730 — Date (MM/DD/YY): 12/3/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	M. Mahfood	1730	12/3/97		

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

P.No.: 2272

No.: 37[illegible]

CHAIN OF CUSTODY RECORD

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7637

1. Surface Water
2. Ground Water
3. Leachate
4. Rinsate
5. Soil/Sediment
6. Oil
7. Waste
8. Other (Specify)

1. HCl
2. HNO3
3. Na2SO4
4. H2SO4
5. Other (Specify)
6. Ice Only
N. Not Preserved
* See Comments

and verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSES VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSES IGN	COR	REAC	OTHER
KKKSED(S)	12/4/97/1215	5	L/M	G	6				X						
KKKSED(D)	12/4/97/1220														
LLLSED(S)	12/4/97/1225														
LLLSED(D)	12/4/97/1215														
NNNSED(S)	12/4/97/1155														
SED(D)	12/4/97/~~1200~~ 1155														
SS1	12/4/97/~~1200~~ 1155														
SD1	12/4/97/1200														
SS2	12/4/97/1155														
SD2	12/4/97/1200														
0000SED(S)	12/4/97/1140														

Comments: PCB only

Person Assuming Responsibility for Sample: M. Malek — Time: 1700 — Date (MM/DD/YY): 12/4/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	M. Malek	1700	12/4/97		

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

No.: 272

No.: 379[illegible]

CHAIN OF CUSTODY RECORD

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-WS-0019
Phone: 908-225-6116 Fax: 908-225-7037

1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

...d verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS KEN	COR	REAC	OTHER
0000 SED(D)	12/4/97/1143	5	L/M	G	6				X						
SS1	12/~~4~~5/97/1132														MS/MSD
SD1	12/4/97/1137														
SS2	12/4/97/1132														
SD2	12/4/97/1140														
SS3	12/4/97/1132														
PPPF SED(S)	12/4/97/1131														
SED(D)	12/4/97/1134														
SS1	12/4/97/1114														
SD1	12/4/97/1119														
SS2	12/4/97/1114														

Comments: PCB only

Person Assuming Responsibility for Sample: M. Mahoskey

Time: 1700 Date (MM/DD/YY): 12/4/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	M. Mahoskey	1700	12/4/97		

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental
... C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

No.: 2272

No.: 37[illegible]1

CHAIN OF CUSTODY RECORD

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

nd verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS RCN	COR	REAC	OTHER
PPPSD2	12/4/97/1120	5	L/M	G	6				X						
QQQQSED(S)	12/4/97/1125														
SED(D)	12/4/97/1130														
SS1	12/4/97/1055														
SD2	12/4/97/1100														
SS2	12/4/97/1055														
SD2	12/4/97/1100														
RRRR SED(S)	12/4/97/1055														
SED(D)	12/4/97/1100														MS/MSD
NS1	12/4/97/0908														

Comments: PCB only

Person Assuming Responsibility for Sample: M. Mahnkopf

Time: 1700 Date (MM/DD/YY): 12/4/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	M. Mahnkopf	1700	12/4/97		

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

P.No.: 2272

No.: 37[illegible]61

CHAIN OF CUSTODY RECORD

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-WS-0019
Phone: 908-225-6116 Fax: 908-225-7037

1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

nd verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
RRR ND1	12/4/97/0915	5	V/m	G	6				X						
NS2	12/4/97/0908														
ND2	12/4/97/0913														
SS1	12/4/97/1106														
SS2	12/4/97/1106														
SD2	12/4/97/1114														
NS3	12/4/97/0908														
SSSS SED(S)	12/4/97/1034														
SED(D)	12/4/97/1040														
NS1	12/4/97/0925														
ND1	12/4/97/0930														

Comments: PCB only

Person Assuming Responsibility for Sample: M. Mahrkey

Time: 1700 Date (MM/DD/YY): 12/4/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	M. Mahrkey	1700	12/4/97		

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

P.No.: 2272

No.: 37[illegible]1

CHAIN OF CUSTODY RECORD

WESTON. MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

1. Surface Water
2. Ground Water
3. Leachate
4. Rinsate
5. Soil/Sediment
6. Oil
7. Waste
8. Other (Specify)

1. HCl
2. HNO3
3. Na2SO4
4. H2SO4
5. Other (Specify)
6. Ice Only
N. Not Preserved
* See Comments

and verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL/CN	RCRA ANALYSIS ICN	COR	REAC	OTHER
SSSS NS2	12/4/97/0925	5	L/M	G	6				X					
NM2	12/4/97/0930													
SS1	12/4/97/1043													
SD1	12/4/97/1047													
SS2	12/4/97/1042													
SD2	12/4/97/1050													
TTTT SED(S)	12/4/97/1018													
SED(D)	12/4/97/1026													MS/MSD
NS1	12/4/97/0942													
ND1	12/4/97/0950													
NS2	12/4/97/0942													

Comments: PCB only

Person Assuming Responsibility for Sample: M. Mahoney — Time: 1700 — Date (MM/DD/YY): 12/4/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	M. Mahoney	1700	12/4/97		

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

No.: 2272

No.: 37[redacted]T

CHAIN OF CUSTODY RECORD

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-5116 Fax: 908-225-7237

1. Surface Water
2. Ground Water
3. Leachate
4. Rinsate
5. Soil/Sediment
6. Oil
7. Waste
8. Other (Specify)

1. HCl
2. HNO3
3. Na2SO4
4. H2SO4
5. Other (Specify)
6. Ice Only
N. Not Preserved
* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter ber #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter ber #)	TAL ANALYSIS VOA	BNA	PEST	PCBs	TAL/CN	DEN	RCRA ANALYSIS COR	REAC	OTHER
TTTN02	12/4/97/0947	5	L/M	G	6				X					
SS1	12/4/97/1003													
SD1	12/4/97/1008													
SS2	12/4/97/1003													
SD2	12/4/97/1012													
NS3	12/4/97/0942													
IU[redacted] SED(S)	12/4/97/0950													
SED(D)	12/4/97/0952													
NS1	12/4/97/~~1017~~ 1010													
~~NS2~~ ND1	12/4/97/1017													
NS2	12/4/97/1010													

Comments: PCB only

Person Assuming Responsibility for Sample: M. Mahankey — Time: 1700 — Date (MM/DD/YY): 12/4/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	M. Mahankey	1700	12/4/97		
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
[redacted]					

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

No.: 272

No.: 37[illegible]1

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

nd verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS KEN	COR	REAC	OTHER
UUU ND2	12/4/97/1017	5	L/M	G	6				X						
SS1	12/4/97/0940														
SD1	12/4/97/0945														
SS2	12/4/97/0942														
SD2	12/4/97/0946														
VVVV SED(S)	12/4/97/0931														
SED(D)	12/4/97/0935														MS/MSD
NS1	12/4/97/1032														
ND1	12/4/97/1037														
NS2	12/4/97/1032														
ND2	12/4/97/1037														

Comments: PCB only

Person Assuming Responsibility for Sample: M. Mahnkopf

Time: 1700 Date (MM/DD/YY): 12/4/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	M. Mahnkopf	1700	12/4/97		

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

P.No.: 2272

No.: 87[redacted]7

CHAIN OF CUSTODY RECORD

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-5116 Fax: 908-225-7037

1. Surface Water
2. Ground Water
3. Leachate
4. Rinsate
5. Soil/Sediment
6. Oil
7. Waste
8. Other (Specify)

1. HCl
2. HNO3
3. Na2SO4
4. H2SO4
5. Other (Specify)
6. Ice Only
N. Not Preserved
* See Comments

and verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCB	TAL	CN	RCRA ANALYSIS DEN	COR	REAC	OTHER
NVV SS1	12/4/97/0922	5	V/M	G	6				X						
SS2	12/4/97/0922														
SD2	12/4/97/0926														
NS3	12/4/97 1037														
RB2	12/4/97/1250	4	V/M	G	6				X						
MMMM SED(s)	12/4/97/1213	5	V/M	G	6				X						
MMMM SED(d)	12/4/97/1215	5	V/M	G	6				X						

Comments: PCB only

Person Assuming Responsibility for Sample: M. McKinney — Time: 1700 — Date (MM/DD/YY): 12/4/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	M. McKinney	1700	12/4/97		

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

APPENDIX 3

ANALYTICAL RESULTS (FORM I's)
&
DATA VALIDATION PACKAGE

AUGUST 14 & 15, 1997
AUGUST 27, 1997
SEPTEMBER 3, 1997

Roy F. Weston, Inc.
Federal Programs Division
Suite 201
1090 King Georges Post Road
Edison, New Jersey 08837-3703
908-225-6116 • Fax 908-225-7037

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019

START-02-F-01517

TRANSMITTAL MEMO

To: Dan Harkay, OSC
Removal Action Branch, U.S. EPA Region II

From: Brian McGinn, Data Reviewer
START Region II

Subject: Cornell-Dubilier Site
South Plainfield, Middlesex County, NJ
Data Validation Assessment

Date: December 9, 1997

The purpose of this memo is to transmit the following information:

- Data validation results for the following parameters:

  TCL - PCB 275 samples

- Matrices and Number of Samples

  Soil/Sediment 271 samples
  Water/Rinsate Blank 04 samples

- Sampling date: August 14,15 &27 and September 03, 1997

The final data assessment narrative and original analytical data package are attached.

cc: START PM Michael Mahnkopf
START FILE TDD #: 02-97-02-0015C
Analytical TDD #: 02-97-09-0019
PCS #: 2090

U.S. ENVIRONMENTAL PROTECTION AGENCY

MEMORANDUM

DATE: **December 5, 1997**

TO: **Dan Harkay, OSC**
USEPA Region II

FROM: **Brian McGinn**
START Data Review Team

SUBJECT: **QA/QC Compliance Review Summary**

As requested quality control and performance measures for the data packages noted have been examined and compared to EPA standards for compliance. Measures for the following general areas were evaluated as applicable:

Data Completeness	Blanks
Spectra Matching Quality	Surrogate Spikes
Chromatography	Matrix Spikes/Duplicates
Holding Times	Calibration
Compound ID (TCL)	

Any statistical measures used to support the following conclusions are attached so that the review may be reviewed by others.

Summary of Results

	I VOA	II BNA	III PCB	IV HERB
Acceptable as Submitted				
Acceptable with Comments			X	
Unacceptable, Action Pending				
Unacceptable				

Data Reviewed by: Brian McGinn Date: 12/5/97

Approved By: JM Moore Date: 12/9/97

Area Code/Phone No.: (732) 225-6116

NARRATIVE

CASE No. 2090

SITE NAME: Cornell-Dubilier

South Plainfield, Middlesex County, NJ

Laboratory Name: Chemtech, Inc.

INTRODUCTION:

The laboratory's portion of this Case consisted of 275 samples collected on August 14, 15 & 27 and September 3, 1997

The laboratory reported No problem(s) with the receipt of these samples.

The laboratory reported No problems with the analyses of samples for PCB

The evaluator has commented on the criteria specified under each fraction heading. All criteria have been assessed, but no discussion is given where the evaluator has determined that criteria were adequately performed or require no comment. Details relevant to these comments are given on the forms followed.

Evaluation by Fraction:

I. PCB -

_Y_ Holding Times	_Y_ Calibration Linearity
_Y_ Instrument Performance	_Y_ Blank
_Y_ Surrogate Recovery	_Y_ Retention Time Window
_Y_ MS/MSD	_Y_ Analytical Sequence
_Y_ Compound ID (HSL, TIC)	_Y_ RT Check for TCX and DCB
_Y_ Chromatography	

Comments:

1. Refer to Data Assessment Narrative.

CLP DATA ASSESSMENT

Functional Guidelines for Evaluating Organic Analysis

CASE # 2090 **SDG #** _____
LAB: ChemTech **SITE: Cornell-Dubilier**

The current Functional Guidelines for evaluating organic data have been applied.

All data are valid and acceptable except those analytes which have been qualified with a "J" (estimated), "N" (presumptive evidence for the presence of the material), "U" (non-detects), "R" (unusable), or "JN" (presumptive evidence for the presence of the material at an estimated value). All action is detailed on the attached sheets.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant QC problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Analytical data qualified as "JN" or "R" may not be used to demonstrate compliance with Toxicity Characteristic or Land Ban Regulations.

Reviewer's Signature: Brian McL **Date:** 12/4/1997

Verified By: _____ **Date:** __/__/19__

CLP DATA ASSESSMENT

On August 14 - September 3, 1997 two-hundred seventy one (271) surface and subsurface soil/sediment samples and four (4) rinse blanks, for a total of 275 samples, were collected by START personnel from the Cornell-Dubilier site, South Plainfield, NJ. All samples were shipped by START personnel to ChemTech Laboratory of Englewood, NJ. The samples were received by the laboratory in good condition and analyzed for polychlorinated biphenyls (PCB) using the SW 846 Method 8080.

Client identification (ID) and laboratory ID numbers:

Client ID No.	Lab. ID No.	Matrix	Client ID No.	Lab. ID No.	Matrix
ChemTech Project #4862CLP:					
SWANS2	25964	Soil	SWBND2	25976	Soil
SWANS1	25965	Soil	SWCSED (S)	25977	Soil
SWASED (S)	25968	Soil	SWCSED (D)	25978	Soil
SWASED (D)	25969	Soil	SWCSS1	25979	Soil
SWASS1	25970	Soil	SWDSD1	25980	Soil
SWASS2	25971	Soil	SWCSS2	25981	Soil
SWASD1	25972	Soil	SWCSD2	25982	Soil
SWASD2	25973	Soil	SWDSS3	25983	Soil
SWANS3	25974	Soil	SWDNS1	25984	Soil
SWBNS2	25975	Soil	SWDND1	25985	Soil
ChemTech Project #4863CLP:					
SWDSS1	25986	Soil	SWBSD2	25998	Soil
SWDSD1	25989	Soil	SWCNS2	25999	Soil
SWDSED (S)	25990	Soil	SWCND2	26000	Soil
SWDSED (D)	25991	Soil	SWCNS1	26001	Soil
SWBNS1	25992	Soil	SWCND1	26002	Soil
SWBND1	25993	Soil	RB-1	26003	Water
SWBSED (S)	25994	Soil	ISED (S)	26144	Soil
SWBSED (D)	25995	Soil	INS1	26145	Soil
SWBSS1	25996	Soil	JSED (D)	26146	Soil
SWBSS2	25997	Soil	JSS1	26147	Soil
ChemTech Project #4875CLP:					
JSD1	26100	Soil	KSS2	26112	Soil
JSD2	26101	Soil	LSED (S)	26113	Soil
JSS2	26102	Soil	LSED (D)	26114	Soil
JSED (S)	26103	Soil	LND1	26115	Soil
JND2	26104	Soil	LNS2	26116	Soil
JNS3	26105	Soil	LNS1	26117	Soil
JNS1	26106	Soil	LSD2	26118	Soil
JND1	26109	Soil	LSD1	26119	Soil
JNS2	26110	Soil	LSS1	26120	Soil
KSD2	26111	Soil	LSS2	26121	Soil

CLP DATA ASSESSMENT

Client ID No.	Lab. ID No.	Matrix	Client ID No.	Lab. ID No.	Matrix
ChemTech Project #4876CLP:					
FSED (D)	26122	Soil	CSED (S-3)	26134	Soil
HSED (S)	26123	Soil	KNS2	26135	Soil
HSED (D)	26124	Soil	KND2	26136	Soil
ASED (D)	26125	Soil	KSED (S)	26137	Soil
ASED (S)	26126	Soil	KND1	26138	Soil
GSED (S)	26127	Soil	KNS1	26139	Soil
GSED (D)	26128	Soil	KSS1	26140	Soil
ESED (D)	26129	Soil	KSD1	26141	Soil
ESED (S)	26130	Soil	IND2	26142	Soil
CSED (S)	26131	Soil	IND1	26143	Soil
ChemTech Project #4877CLP:					
MNS2	26148	Soil	MSS1	26158	Soil
MND2	26149	Soil	ISS1	26161	Soil
MNS1	26150	Soil	INS2	26162	Soil
MND1	26151	Soil	ISD1	26163	Soil
MSED (S)	26152	Soil	ISD2	26164	Soil
MSED (D)	26153	Soil	ISS1	26165	Soil
MSS3	26154	Soil	ISED (D)	26166	Soil
MSD1	26155	Soil	BSED (D)	26167	Soil
MSS2	26156	Soil	BSED (S)	26168	Soil
MSD2	26157	Soil	DSED (D)	26169	Soil
ChemTech Project #4878CLP:					
DSED (S)	26170	Soil			
FSED (S)	26171	Soil			
CSED (D)	26172	Soil			
RB-2	26173	Water			
ChemTech Project #4964CLP:					
ANS1	26641	Soil	FNS2	26653	Soil
ANS2	26642	Soil	FNS3	26654	Soil
AND2	26643	Soil	FND1	26655	Soil
BNS1	26644	Soil	FND2	26656	Soil
BNS2	26647	Soil	GNS1	26657	Soil
BNS3	26648	Soil	GNS2	26658	Soil
BND2	26649	Soil	GND1	26659	Soil
CNS1	26650	Soil	GND2	26660	Soil
CNS2	26651	Soil	HNS2	26661	Soil
CND1	26652	Soil	HNS3	26662	Soil

CLP DATA ASSESSMENT

Client ID No.	Lab. ID No.	Matrix	Client ID No.	Lab. ID No.	Matrix
ChemTech Project #4965CLP:					
HNS1	26663	Soil	ESD1	26675	Soil
CSS2	26666	Soil	ESD2	26676	Soil
CSD1	26667	Soil	HND1	26677	Soil
CSD2	26668	Soil	HND2	26678	Soil
DSS1	26669	Soil	ASS1	26679	Soil
DSS2	26670	Soil	ASS2	26680	Soil
DSD1	26671	Soil	ASD1	26681	Soil
DSD2	26672	Soil	ASD2	26682	Soil
ESS1	26673	Soil	BSS1	26683	Soil
ESS2	26674	Soil	BSS2	26684	Soil
ChemTech Project #4966CLP:					
CND2	26685	Soil	FSS1	26697	Soil
DNS2	26686	Soil	FSS2	26698	Soil
DNS3	26687	Soil	FSD1	26699	Soil
DND1	26688	Soil	FSD2	26700	Soil
DND2	26689	Soil	GSS1	26701	Soil
ENS1	26690	Soil	GSS2	26702	Soil
ENS2	26691	Soil	GSD1	26703	Soil
END1	26692	Soil	GSD2	26704	Soil
END2	26693	Soil	HSS1	26705	Soil
FNS1	26694	Soil	HSS2	26706	Soil
ChemTech Project #4967CLP:					
DNS1	26707	Soil	OSED (S)2	26719	Soil
HSD1	26710	Soil	OSED (D)2	26720	Soil
BSD1	26711	Soil	PSED (S)	26721	Soil
BSD2	26712	Soil	QSED (S)	26722	Soil
CSS1	26713	Soil	RSED (S)	26723	Soil
HSD2	26714	Soil	SSED (S)	26724	Soil
NSED (S)	26715	Soil	SSED (D)	26725	Soil
NSED (D)	26716	Soil	TSED (S)	26726	Soil
OSED (S)1	26717	Soil	USED (S)	26727	Soil
OSED (D)1	26718	Soil	VSED (S)	26728	Soil
ChemTech Project #4968CLP:					
WSED (S)	26729	Soil			
WSED (D)	26730	Soil			
RB-3	26731	Water			

CLP DATA ASSESSMENT

Client ID No.	Lab. ID No.	Matrix	Client ID No.	Lab. ID No.	Matrix
ChemTech Project #5026CLP:					
QSS2	27122	Soil	RND2	27130	Soil
QSD2	27123	Soil	SNS1	27131	Soil
RSS1	27124	Soil	TND2	27134	Soil
RSS2	27125	Soil	TSS1	27135	Soil
RSD1	27126	Soil	TSS2	27136	Soil
RNS1	27127	Soil	TSD1	27137	Soil
RNS2	27128	Soil	TSD2	27138	Soil
RND1	27129	Soil	RSD2	27139	Soil
ChemTech Project #5027CLP:					
UNS1	27140	Soil	SSS1	27152	Soil
UNS2	27143	Soil	SSS2	27153	Soil
UNS3	27144	Soil	SSD1	27154	Soil
UND1	27145	Soil	SSD2	27155	Soil
UND2	27146	Soil	TNS1	27156	Soil
USS1	27147	Soil	TNS2	27157	Soil
SNS2	27148	Soil	TND1	27158	Soil
SNS3	27149	Soil	PSD2	27159	Soil
SND1	27150	Soil	PND1	27160	Soil
SND2	27151	Soil	PND2	27161	Soil
ChemTech Project #5028CLP:					
PNS1	27162	Soil	OND1	27172	Soil
PNS2	27163	Soil	OND2	27173	Soil
QNS1	27164	Soil	OSS1	27174	Soil
QND1	27165	Soil	OSS2	27175	Soil
QNS3	27166	Soil	OSD1	27176	Soil
QND2	27167	Soil	OSD2	27177	Soil
QNS2	27168	Soil	PSS1	27178	Soil
QSS1	27169	Soil	PSS2	27179	Soil
ONS2	27170	Soil	PSD1	27180	Soil
ONS3	27171	Soil	DRD1	27181	Soil
ChemTech Project #5029CLP:					
DRD2	27184	Soil	USS2	27196	Soil
DRD3	27185	Soil	USD1	27197	Soil
NND1	27186	Soil	USD2	27198	Soil
NND2	27187	Soil	VNS1	27199	Soil
NNS1	27188	Soil	VNS2	27200	Soil
NNS2	27189	Soil	VND1	27201	Soil
NSS1	27190	Soil	VND2	27202	Soil
NSS2	27191	Soil	VSS1	27203	Soil
NSD2	27192	Soil	VSS2	27204	Soil
ONS1	27193	Soil	VSD1	27205	Soil

CLP DATA ASSESSMENT

Client ID No.	Lab. ID No.	Matrix	Client ID No.	Lab. ID No.	Matrix
ChemTech Project #5030CLP:					
VSD2	27206	Soil	WSS1	27214	Soil
WNS1	27207	Soil	WSS2	27215	Soil
WNS2	27210	Soil	WSD1	27216	Soil
WNS3	27211	Soil	WSD2	27217	Soil
WND1	27212	Soil	OCS	27218	Soil
WND2	27213	Soil	RB-4	27219	Water

CLP DATA ASSESSMENT

1. HOLDING TIMES:

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimated, "J". The non-detects (sample quantitation limits) will be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded.

The following analytes in the samples shown were qualified because of holding time:

TCL DATA:

PCBs - The following data were qualified as estimated "J" or rejected "R" due to exceeding holding time criteria:

Data did not exceed holding time criteria.

Note: Continuous extraction of water samples must be started within seven (7) days of the date of collection. Soil/Sediment/Solid samples must be extracted within seven (7) days of collection. Extracts must be analyzed within forty (40) days of extraction.

2. BLANK CONTAMINATION:

Quality Assurance (QA) blanks [i.e., method, trip, field or rinse blanks] are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field and rinse blanks measure cross-contamination of samples during field operations. If the concentration of the analyte is less than 5 times the blank contaminant level (10 times for common contaminants), the analytes are qualified as non-detects, "U". The following analytes in the samples shown were qualified with "U" for these reasons:

A) Method Blank Contamination:

PCBs - The following compounds were qualified as non-detected "U" in the associated samples due to method blank contamination:

No problems were found.

CLP DATA ASSESSMENT

2. BLANK CONTAMINATION: (continued)

B) Field or Rinse Blank Contamination ("water blanks" or "distilled water blanks" are validated like any other sample):

PCBs - The following compounds were qualified as non-detected "U" in the associated samples due to rinse blank contamination:

No problems were found.

C) Trip Blank Contamination -

Not applicable.

3. MASS SPECTROMETER TUNING:

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds, and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for volatile organics is bromofluorobenzene (BFB) and for semi-volatiles is decafluorotriphenyl-phosphine (DFTPP).

If the mass calibration is in error or missing, all associated data will be classified as unusable "R". The following samples shown were qualified with "R" because of tuning:

Not applicable.

4. CALIBRATION:

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument is giving satisfactory daily performance.

Response Factor:
The response factor measures the instrument's response to specific chemical compounds. The response factor for the VOA/BNA Target Compound List (TCL) must be $\geq$ 0.05 in both the initial and continuing calibrations. A value $\leq$ 0.05 indicates a serious detection and quantitation problem (poor sensitivity). If the mean RRF of the initial calibration or the continuing calibration has a response factor <0.05 for any analyte, those analytes detected in environmental samples will be qualified as estimated "J". All non-detects for those compounds will be rejected "R". The following analytes in the samples shown were qualified because of response factor:

Not applicable.

5. CALIBRATION:

PERCENT RELATIVE STANDARD DEVIATION (%RSD) AND PERCENT DIFFERENCE (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentration. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be < 30% and %D must be < 25%. A value outside of these QC limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J"; and non-detects are flagged "UJ". If %RSD and/or %D grossly exceed QC criteria, non-detect data may be qualified "R".

For the PESTICIDE/PCB fraction, if %RSD exceeds 20% for all analytes except for the 2 surrogates (which must not exceed 30% RSD), qualify all associated positive results "J" and non-detects "UJ".

The following analytes in the samples shown were qualified for %RSD and %D:

Initial Calibration

PCBs - The following compounds were qualified as estimated "J" or rejected "R" in the associated samples because the linearity criteria or the percent relative standard deviation (%RSD) of the Initial Calibration is > 20% for either one or both GC columns:

No problems were found with the Initial Calibration.

CLP DATA ASSESSMENT

5. CALIBRATION:

Continuing Calibration:

PCBs - The following compounds were qualified as estimated "J" in the associated samples because the Continuing Calibration %D is between 25-90% for these compounds on the primary GC column:

No problems with the Continuing Calibration were found.

6. SURROGATES/SYSTEM MONITORING COMPOUNDS (SMC):

All samples are spiked with surrogate/SMC compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. If the measured surrogate/SMC concentrations were outside contract specifications, qualifications were applied to the samples and analytes as shown below. The following analytes for the samples shown were qualified because of surrogate/SMC recovery:

PCBs - The following compounds were either qualified as estimated "J" or rejected "R" due to Tetrachloro-m-xylene (TCX) and Decachlorobiphenyl (DCB) surrogate recoveries are both outside specified advisory QC limits (30-150%):

No qualifications were found necessary.

7. INTERNAL STANDARDS PERFORMANCE:

Internal standard (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must not vary by more than a factor of 2 (-50% to 100%) from the associated continuing calibration standard. The retention time of the internal standard must not vary more than ± 30 seconds from the associated continuing calibration standard. If the area count is outside the -50% to 100% range of the associated standard, all of the positive results for compounds quantitated using that IS are qualified as estimated "J", and all non-detects as "UJ"only if the IS area is <50% Non-detects are qualified as "R" if there is a severe loss of sensitivity (<25% of associated IS area counts).

If an internal standard retention time varies by more than 30 seconds, the reviewer will use professional judgement to determine either partial or total rejection of the data for that sample fraction. The following analytes in the samples shown were qualified because of internal standard performance:

Not applicable.

CLP DATA ASSESSMENT

5. CALIBRATION:

Continuing Calibration:

PCBs - The following compounds were qualified as estimated "J" in the associated samples because the Continuing Calibration %D is between 25-90% for these compounds on the primary GC column:

No problems were found with the Continuing Calibration.

6. SURROGATES/SYSTEM MONITORING COMPOUNDS (SMC):

All samples are spiked with surrogate/SMC compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. If the measured surrogate/SMC concentrations were outside contract specifications, qualifications were applied to the samples and analytes as shown below. The following analytes for the samples shown were qualified because of surrogate/SMC recovery:

PCBs - The following compounds were either qualified as estimated "J" or rejected "R" due to Tetrachloro-m-xylene (TCX) and Decachlorobiphenyl (DCB) surrogate recoveries are both outside specified advisory QC limits (30-150%):

No qualifications were found necessary.

7. INTERNAL STANDARDS PERFORMANCE:

Internal standard (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must not vary by more than a factor of 2 (-50% to 100%) from the associated continuing calibration standard. The retention time of the internal standard must not vary more than $\pm$ 30 seconds from the associated continuing calibration standard. If the area count is outside the -50% to 100% range of the associated standard, all of the positive results for compounds quantitated using that IS are qualified as estimated "J", and all non-detects as "UJ"only if the IS area is <50% Non-detects are qualified as "R" if there is a severe loss of sensitivity (<25% of associated IS area counts).

If an internal standard retention time varies by more than 30 seconds, the reviewer will use professional judgement to determine either partial or total rejection of the data for that sample fraction. The following analytes in the samples shown were qualified because of internal standard performance:

Not applicable.

8. COMPOUND IDENTIFICATION:

A) VOLATILE AND SEMI-VOLATILE FRACTIONS:

TCL compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within ± 0.06 RRT units of the standard compound, and have an ion spectra which has a ratio of the primary and secondary m/e intensities within 20% of that in the standard compound. For the Tentatively Identified Compounds (TICs) the ion spectra must match accurately. In the cases where there is not an adequate ion spectrum match, the laboratory may have provided false positive identifications. The following analytes in the samples shown were qualified for compound identification:

Not applicable.

B) PESTICIDE FRACTION:

The retention time of the reported compounds must fall within the calculated retention time windows for the two chromatographic columns and a GC/MS confirmation is required if the concentration exceeds 10 ng/ml in the final sample extract. The percent difference (%D) of the positive results obtained on the two GC columns would be ≤25%. The following analytes in the samples shown were qualified because of compound identification:

PCBs - The following detected compounds were qualified due to a percent difference (%D) between the primary and confirmation columns > 25%:

No problems were found.

Note: During the initial calibration sequence, absolute retention times are determined for all surrogates and at least three major peaks of each multi-component analyte. Windows are centered around the mean absolute retention time for the analyte established during the initial calibration. Analytes are identified when peaks are observed in the retention time window for the compound on both GC columns. The quant reports listed many potential PCB compounds for consideration. Comparison of the sample retention times to the retention time windows established during the initial calibration revealed that no additional pesticide compounds were detected in the associated samples. In addition, no shifts for surrogate compound retention times were noted to occur that might require consideration of compounds outside respective retention time windows.

9. MATRIX SPIKE/SPIKE DUPLICATE (MS/MSD):

The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices. The MS/MSD may be used in conjunction with other QC criteria for some additional qualification of the data. The following analytes, for the samples shown, were qualified because of MS/MSD:

PCBs - The following sample data were either qualified as estimated "J" or rejected "R" due to exceeding duplicate spike recovery QC criteria:

No qualifications were found necessary.

10. OTHER QC DATA OUT OF SPECIFICATION:

PCBs - The following compounds were qualified as estimated "J" in the associated soil/sediment field duplicate samples because the Relative Percent Difference (RPD) between the sample and field duplicate sample is > 100% for soil/sediment samples:

Associated Field Duplicate Samples	Analyte	Concentration
SWDSS1 &	Aroclor 1254	140 ug/Kg
SWDSS3	Aroclor 1254	35 U

All other associated soil/sediment field duplicate samples were within QC limits.

All compounds in the following soil/sediment/solid samples were either qualified as estimated "J" (% moisture between 50-90%) or rejected "R" (% moisture > 90%) because the sample contains more than 50% water:

"J" -	KNS1 (64%)	KSS1 (54%)	KSD1 (56%)	HSD1 (58%)	HSD2 (50%)
	OND2 (53%)	OCS (56%)	JSS1 (63%)	ISS1 (61%)	ISD1 (59%)
	ISS2 (61%)	ANS1 (54%)	BNS2 (58%)	BND2 (55%)	CND1 (52%)
	SSD1 (54%)	SSD2 (55%)	PND1 (51%)	PND2 (60%)	JSD1 (61%)
	JSD2 (60%)	JSS2 (59%)	JND2 (51%)	JNS3 (51%)	JNS1 (50%)
	JND1 (54%)	KSD2 (58%)	KSS2 (51%)	LND1 (58%)	LNS2 (52%)
	LSD2 (52%)	LSD2 (57%)	LSS2 (55%)	RSS2 (59%)	RSD1 (58%)
	TSD1 (64%)	TSD2 (67%)	RSD2 (55%)		

CLP DATA ASSESSMENT

11. SYSTEM PERFORMANCE AND OVERALL ASSESSMENT:

Using professional judgement, the concentration of Aroclor 1254 in the following samples was recalculated to better reflect the analytical data:

Sample #	Lab. Result (ug/Kg)	Recal. Result (ug/Kg)	Sample #	Lab. Result (ug/Kg)	Recal. Result (ug/Kg)	Sample #	Lab. Result (ug/Kg)	Recal. Result (ug/Kg)
SWCSED(D)	136	39 U	OND2	71 UJ	180 J	LNS1	62 U	63
NSED (S)	912	840	WNS1	7600	7100	LSD2	3644	1200
TSED (S)	9250	15100	WNS2	5301	5800	LSS1	17351	3500
WSED (S)	219	140	WNS3	5045	5600	LSS2	416	550
WSED (D)	136	200	USS1	8740	3200	RNS1	42 U	110
PNS1	280	200	SNS2	880	650	RND2	37 U	140
PNS2	48 U	340	SNS3	400	470	TSD1	906	930
ONS2	41 U	440	PND2	83 U	87	RSD2	74 U	340
ONS3	48 U	140	PSS2	1400	1100	NSD2	1050J	2600J

12. CONTRACT PROBLEMS/NON-COMPLIANCE:

On Form I of sample KSED (S) the laboratory reported an incorrect CRQL for Aroclor 1016, the Data Validator corrected this error.

13. This package contain re-extraction, re-analysis or dilution results. Upon reviewing the QA results, the following Form I(s) are identified to be used:

Numerous samples in this data package were diluted to bring the target analyte concentration within the calibration range of the standards. The laboratory chose to report only the final dilutions for these samples.

CHAIN OF CUSTODY RECORD

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

EP No.: 2090
D No.: 89814

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

end verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER Project 4862CLP
SWANS2	08/14/97/1105	5	4M	G	6				✓						25964
SWANS1	08/14/97/1110								✓						25965
SWASEDS	08/14/97/1300								✓						25968
SWASEDD	08/14/97/1310								✓						25969
SWASS1	08/14/97/1105								✓						25970
SWASS2	08/14/97/1105								✓						25971
SWASD1	08/14/97/1110								✓						25972
SWASD2	08/14/97/1110								✓						25973
SWANS3	08/14/97/1120								✓						25974
SWBNS2	08/14/97/1120								✓						25975
SWBND2	08/14/97/1205								✓						25976

Comments: Triple volume taken for MS/MSD for sample No. SWANS1 & SWDSS1

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
Ellene A Pruswansky	1445	8/14/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	Ellene A Pruswansky	1700	8/14	[signature]	Shipment to Lab

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

SP No.: 2090
D No.: 83814

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

End verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS KIN	COR	REAC	OTHER
															Project 4862CLP
SWCSED(S)	08/14/97/1215	5	L/M	G	6				✓						25977
SWCSED(D)	08/14/97/1225								✓						25978
SWCSS1	08/14/97/1050								✓						25979
SWCSD1	08/14/97/1125								✓						25980
SWCSS2	08/14/97/1050								✓						25981
SWCSD2	08/14/97/1145								✓						25982
SWCSS3	08/14/97/1055								✓						25983
SWDNS1	08/14/97/1115								✓						25984
SWDND1	08/14/97/1120								✓						25985
SWDSED(S)	08/14/97/1105								✓						
SWDSED(D)	08/14/97/1110								✓						

Comments: Triple Volume taken for MS/MSD for Sample No SWANS1 and SWDSS1

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
Elene A Pruswansky	1445	8/14/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	Elene A Pruswansky	1700	8/14	[signature]	Shipment to Lab

000175

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

* SWDSED(S) & SWDSED(D) are in chemtech project number 4863CLP.

CHAIN OF CUSTODY RECORD

EP No.: 2090

D No.: 8[illegible]14

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #s)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
															Project 4863CUP
SWBNS1	08/14/97/1115	5	L/M	G	6				✓						25992
SWBND1	08/14/97/1205								✓						25993
SWBSEDS	08/14/97/1235								✓						25994
SWBSEDD	08/14/97/1235								✓						25995
SWBSS1	08/14/97/1040								✓						25996
SWBSS2	08/14/97/1040								✓						25997
SW[illegible]SD2	08/14/97/1120								✓						25998
SWCNS2	08/14/97/1150								✓						25999
SWCND2	08/14/97/1230								✓						26000
SWCNS1	08/14/97/1145								✓						26001
SWCND1	08/14/97/1215								✓						26002

Comments: Triple volume taken for MSMSD for sample No SWANS1 and SWDSS1

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
Ellen A Preswarsky	1445	8/14/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	Ellen A Preswarsky	1700	8/14	[signature]	Shipment to Lab

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

P No.: 2090

No.: 83[illegible]14

CHAIN OF CUSTODY RECORD

WESTON
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SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

nd verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER
															Project 4863CLP
SWDSS1	08/14/97/1045	5	L/M	G	6				✓						25986
SWDSD1	08/14/97/1055	↓	↓	↓	↓				✓						25989
RB-1	08/14/97/1010	4	L/M	C	6				✓						26003

Comments: Triple volume taken for MS/MSD for Sample No. SWDSS1 and SWANS1

Person Assuming Responsibility for Sample: [signature] Time 1445 Date (MM/DD/YY) 8/14/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	[signature]	1700	8/14	[signature]	Shipment to Lab

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

000177

CHAIN OF CUSTODY RECORD

RFP No.: 2090

PO No.: 8[illegible]814

WESTON. MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #s)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER Chemtech Project sample ID 4876CLP
FSED(D)	8/15/97 1350	5	4M	G	6				✓						26122
MSED(S)	8/15/97 1330								✓						26123
MSED(D)	8/15/97 1335								✓						26124
ASED(D)	8/15/97 1420								✓						26125
ASED(S)	8/15/97 1415								✓						26126
GSED(S)	8/15/97 1330								✓						26127
GSED(D)	8/15/97 1345								✓						26128
ESED(S)	8/15/97 1350								✓						26130
ESED(D)	8/15/97 1400								✓						26129
CSED(S-3)	8/15/97 1435								✓						26134
CSED(S)	8/15/97 1405	↓	↓	↓	↓				✓						Triple Volume 26131 given for MS/MSD

Comments: Analyze for Total PCBs

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
Elene A Preswosky	1600	8/15/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	Elene A Preswosky	1700	8/15		Shipment to Lab
ALL		1900	8/15	B. Marrone	

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

RFP No.: 2090

PO No.: [illegible]814

WESTON. MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #s)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS KIN	COR	REAC	OTHER Chemtech Project 4877CLP Sample ID
ISS1	8/15/97/1130	5	4M	G	6				✓						26161
INS2	8/15/97/1135								✓						26162
ISD1	8/15/97/1135								✓						26163
ISD2	8/15/97/1245								✓						26164
ISS2	8/15/97/1240								✓						26165
ISED(D)	8/15/97/1140								✓						26166
BSED(D)	8/15/97/1410								✓						26167
BSED(S)	8/15/97/1405								✓						26168
DSED(D)	8/15/97/1400								✓						26169
* DSED(S)	8/15/97/1355								✓						
FSED(S)	8/15/97/1345								✓						

Comments: Analyze for Total PCBs

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
Ellene A Presworsky	1600	8/15/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	Ellene A Presworsky	1700	8/15		Shipment to Lab
ALL		1900	8/15	B Morgan	000220

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

DSED(S) & FSED(S) AREA Chemtech Project No 4878CLP

CHAIN OF CUSTODY RECORD

RFP No.: 2090

PO No.: 8[illegible]814

WESTON. MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER Chemtech Project 4876CLP
KNS2	8/15/97/1115	5	L/M	G	6										26135
KND2	8/15/97/1120														26136
KSED(S)	8/15/97/1035														26137
KND1	8/15/97/1110														26138
KNS1	8/15/97/1110														26139
KSS1	8/15/97/1100														26140
KSD1	8/15/97/1100														26141
IND2	8/15/97/1135														26142
IND1	8/15/97/1145														26143
* ISED(S)	8/15/97/1135														
* INS1	8/15/97/1140														

Comments: Analyze for Total PCBs

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
Mene A Preswarsky	1600	8/15/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	Mene A Preswarsky	1700	8/15		Shipment to Lab
ALL		1900	8/15	B. Morand	

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R. F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

* ISED(S) & INS1 are in chemtech project No. 4863[illegible]

CHAIN OF CUSTODY RECORD

RFP No.: 2090

PO No.: [redacted]814

WESTON. MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaiy, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER Chemtech Project 4875CLP sample no
JSD1	8/15/97/1030	5	L/M	G	6				✓						26100
JSD2	8/15/97/1030								✓						26101
JSS2	8/15/97/1030								✓						26102
JSED(S)	8/15/97/1010								✓						26103
JND2	8/15/97/1320								✓						26104
JNS3	8/15/97/1320								✓						26105
JNS1	8/15/97/1320								✓						Triple Volume 26106 Given for MS/MSD
JND1	8/15/97/1330								✓						26109
JNS2	8/15/97/1320								✓						26110
KSD2	8/15/97/1105								✓						26111
KSS2	8/15/97/1105								✓						26112

Comments: Analyze for Total PCBs

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
Ellen A Piswansky	1600	8/15/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	Ellen A Piswansky	1700	8/15		Shipment to Lab
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All		1900	8/15	B Morrison	

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
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RFP No.: 2090

PO No.: 8[illegible]814

CHAIN OF CUSTODY RECORD

WESTON. MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER Chemtech Project 4877CUP Sample-ID
MNS2	8/15/97/950	5	L/M	G	6				✓						26148
MND2	8/15/97/1000								✓						26149
MNS1	8/15/97/0955								✓						26150
MND1	8/15/97/0950								✓						26151
MS ED(S)	8/15/97/1015								✓						26152
MSED(D)	8/15/97/1030								✓						26153
MS1	8/15/97/0955								✓						Triple Volume taken for MS/MSD 26158
MSD1	8/15/97/1005								✓						26155
MSS2	8/15/97/1000								✓						26156
MSD2	8/15/97/1025								✓						26157
MSS3	8/15/97/955	↓	↓	↓	↓				✓						26154

Comments: Analyze for Total PCBs

Person Assuming Responsibility for Sample: Ellene Presworsky — Time: 1100 — Date (MM/DD/YY): 8/15/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	Ellene Presworsky	1700	8/15		Shipment to Lab

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL		1900	8/15	B. Moroni	

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CHAIN OF CUSTODY RECORD

RFP No.: 02090

PO No.: 8[illegible]14

WESTON. MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #s)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER Chemtech Project 4875 CLP Sample No.
LSED(S)	8/15/97/1315	5	L/M	G	6				✓						26113
LSED(D)	8/15/97/1330								✓						26114
LND1	8/15/97/1105								✓						26115
LNS2	8/15/97/1100								✓						26116
LNS1	8/15/97/1110								✓						26117
LSD2	8/15/97/1120								✓						26118
[illegible]SD1	8/15/97/1120								✓						26119
LSS1	8/15/97/1120								✓						26120
LSS2	8/15/97/1120								✓						26121
JSED(D)	8/15/97/1020								✓						
JSS1	8/15/97/1030	✓	✓	✓	✓				✓						

Comments: Analyze for Total PCB's

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
Ellen Prusowsky	1600	8/15/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	Ellen Prusowsky	1700	8/15		Shipment to Lab
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All		1900	8/15	B Morrison	

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

* JSED (D) & JSS1 are in Chemtech project No. 4863CLP

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RFP No.: 2090

PO No.: 8814

CHAIN OF CUSTODY RECORD

WESTON
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SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #s)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER Chemtech Project 4878CLP Sample ID
CSED(D)	8/15/97/1405	5	LM	G	6				✓						26172
RB2	8/15/97/0910	4	LM	G	↓				✓						26173
RB2	8/15/97/0910	4	LM	G	↓				✓						↓

Comments: Analyze for Total PCBs

Person Assuming Responsibility for Sample: Ellen Prusowsky — Time: 1600 — Date (MM/DD/YY): 8/15/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	Ellen Prusowsky	1700	8/15		Shipment to Lab

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

RFP No.:

PO No.:

CHAIN OF CUSTODY RECORD

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SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-5116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	4964 CLP OTHER Sample ID
ANS1	8/27/97 (1215)	5	L/M	G	6				X						26641
ANS2	(1215)														26642
AND2	1220														26643
BNS1	1215														EXTRA VOL. FOR MS/MSD INCLUDED 26644
BNS2	1210														26647
BNS3	1215														26648
~~BND1~~	~~1215~~														TM
ND2	1210														26649
CNS1	1200														26650
CNS2	1155														26651
CND1	1205														26652

Comments:

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
MIKE MANNKOPF / HEMENDRA MORADIA	1640	8/27/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	Moradia	1745	8/27/97	Mark William #47	LAB ANALYSIS
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
		1845	8/27	B Moroni	
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

R[illegible]. Weston, Inc.
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CHAIN OF CUSTODY RECORD

RFP No.:

PO No.:

WESTON

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaiy, START Analytical Coordinator

Chemtech Project # 4966 CLP

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER Sample ID
CND2	8/27/97 (1200)	5	L/M	G	6				X						26685
DNS1	1140														EXTRA VOL. FOR MS/MSD PROVIDED
DNS2	1140														26686
DNS3	1140														26687
DND1	1150														26688
DND2	1145														26689
ENS1	1120														26690
ENS2	1120														26691
END1	1125														26692
END2	1125														26693
FNS1	1055														EXTRA VOL. FOR MS/MSD PROVIDED 26694

Comments:

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
MIKE MAHNKOPF/HEMENDRA MORADIA	1640	8/27/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	H Moradia	1745 ~~8/29/97~~	8/27/97	Mark Williams #44	LAB ANALYSIS
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
		1845	8/27	B. MORGAN	
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
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DNS1 is in chem Proj No. 4967CLP

RFP No.:

PO No.:

CHAIN OF CUSTODY RECORD

WESTON. MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	4964 CLP OTHER Sample ID
FNS2	8/27/97 1050	5	L/M	G	6			X							26653
FNS3	1055														26654
FND1	1105 ~~1050~~														26655
FND2	1100														26656
GNS1	1035														26657
GNS2	1035														26658
GND1	1040														26659
GND2	1040														26660
HNS1	1010														EXTRA VOLUME FOR MS/MSD INCLUDED
HNS2	1010														26661
HNS3	1010														26662

Comments:

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
MIKE MAHNKOPF/HEMENDRA MORADIA	1640	8/27/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	H Morada	1745	8/27/97	Mark Williams #49	LAB ANALYSIS
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
		1845	8/27	B Morowski	
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy Weston, Inc.
FEDERAL PROGRAMS DIVISION
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HNS1 is in Chemtech Project No. 4965CLP

RFP No.:

TO No.:

CHAIN OF CUSTODY RECORD

WESTON. MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS XIN	COR	REAC	Chemtech Project OTHER 4965CLP Sample ID
HND1	8/27/97 (1020)	5	L/M	G	6				X						26677
HND2	1015														26678
ASS1	1150														26679
ASS2	1200														26680
ASD1	1155														26681
ASD2	1205														26682
BSS1	1130														26683
BSS2	1130														26684
BSD1	1135														
BSD2	1135														
CSS1	1115														

Comments:

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
MIKE MAHNKOPH / HEMENDRA MORADIA	1640	8/27/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	Moradia	1745	8/27/97	Mark Williams #49	LAB ANALYSIS
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
		1845	8/27	B. Maraman	
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
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In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

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* BSD1, BSD2, & CSS1 are in chem proj NO. 4967CLP.

RFP No.:

PO No.:

CHAIN OF CUSTODY RECORD

WESTON. MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS KIN	COR	REAC	OTHER 4965 CLP Sample ID
CSS2	8/27/97 (1115)	5	L/M	G	6				X						26666
CSD1	1120														26667
CSD2	1120														26668
DSS1	1055														26669
DSS2	1055														26670
DSD1	1058														26671
DSD2	1100														26672
ESS1	1042														26673
ESS2	1040														26674
ESD1	1044														26675
ESD2	1042														26676

Comments:

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
MIKE MAITNKOPH / HEMENDRA MORADIA	1640	8/27/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	Moradia	1745	8/27/97	Mark Williams #49	LAB ANALYSIS
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
		1845	8/27	B Marrano	
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

000183

5 of 8

RFP No.:

PO No.:

CHAIN OF CUSTODY RECORD

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Chemtech Project # 4966 CLP

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER Sample ID
FSS1	8/27/97 (1028)	5	L/M	G	6				X						26697
FSS2	1030														26698
FSD1	1026														26699
FSD2	1035														26700
GSS1	1014														26701
GSS2	1015														26702
GSD1	1017														26703
GSD2	1020														26704
HSS1	1005														26705
HSS2	1002														26706
HSD1	1010														

Comments:

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
MIKE MAHNKOPF / HEMENDRA MORADIA	1640	8/27/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	[signature]	1745	8/27/97	Mark William #	LAB ANALYSIS
		1845	8/27	B. Moroni	

R. F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

000190

HSD1 is in Proj. No. 4967 CLP.

RFP No.:

TO No.:

CHAIN OF CUSTODY RECORD

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Chemtech Project 4967CLP

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS XIN	COR	REAC	OTHER Sample ID
HSD2	8/27/97 (1005)	5	L/M	G	6				X						26714
NSED(S)	1505														26715
NSED(D)	1515														26716
OSED(S)1	1510														26717
OSED(D)1	1500														26718
OSED(S)2	1510														26719
OSED(D)2	1500														26720
PSED(S)	1500														26721
QSED(S)	1445														26722
RSED(S)	1435														26723
SSED(S)	1435														26724

Comments:

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
MIKE MAHNKOPF / HEMENDRA MORADIA	1640	8/27/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	Moradia	1745	8/27/97	Mark William 49	LAB ANALYSIS
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
		1845	8/27	B. Morrow	
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
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In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

RFP No.:

TO No.:

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HNO3
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify) WATER	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaiy, START Analytical Coordinator

Chemtech Project 4967CLP

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER Sample ID
SSED(D)	8/27/97 1440	5	L/M	G	6				X						26725
TSED(S)	1450														26726
USED(S)	1420														26727
VSED(S)	1410														26728
WSED(S)	1410														
WSED(D)	1415														
RB-3	1600	8	L/M	G	6										QA/QC SAMPLE EQUIPMENT BLANK

Comments:

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
MIKE MAHAYKOPH / HEMENDRA MORADIA	1640	8/27/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	H. Moradia	1745	8/27/97	Mark Williams #49	LAB ANALYSIS
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
		1845	8/27	B. Morrison	
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
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WSED(S), WSED(D), & RB-3 are in chem pro NO. 4968CLP

CHAIN OF CUSTODY RECORD

RFP No.:

PO No.: 3814

WESTON — MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-5116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	Chemtech Project OTHER 5024CLP Sample #
DRD1	9/3/97 1300	5	4M	G	6				X						
DRD2	1302														27184
DRD3	1305														27185
NND1	1435														27186
NND2	1435														27187
NNS1	1430														27188
NNS2	1430														27189
NSS1	1415														27190
NSS2	1415														27191
NSD2	1410														27192
ONS1	1400														27193 MS/MSD

Comments:

Person Assuming Responsibility for Sample: M. Malinkow — Time: 1730 — Date (MM/DD/YY): 9/3/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. Malinkow	1730	9/3/97	Carl Ostro #53	TRANSFER
ALL	Carl Ostro #53	7pm	9/3		

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

RFP No.:

PO No.: 814

CHAIN OF CUSTODY RECORD

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaiy, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER Chemtech Project 5028CCP Sample #
ONS2	9/3/97 1420	5	4/M	G	6				X						27170
ONS3	1420														27171
OND1	1425														27172
OND2	1425														27173
OSS1	1405														27174
OSS2	1400														27175
OSD1	1410														27176
OSD2	1400														27177
PSS1	1350														27178
PSS2	1345														27179
PSD1	1355														27180

Comments:

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
M. Malhotra	1730	9/3/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. Malhotra	1730	9/3/97	Carl Watts #53	TRANSFER

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
ALL	Carl Watts #53	7PM	9/3		

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
				[illegible]	

Roy F. Weston, Inc.
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In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

RFP No.:

PO No.: 82814

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER Chemtech Project 5028 CLP Sample #
PSD2	9/3/97 1350	S	L/M	G	6				X						
PND1	1405														
PND2	1405														
PNS1	1400								✓						27162
PNS2	1400								✓						27163
QNS1	1345								✓						27164 MS/MSD
QND1	1350								✓						27165
QNS3	1345								✓						27166
QND2	1350								✓						27167
QNS2	1345								✓						27168
QSS1	1340								✓						27169

Comments:

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
M. Malakoff	1730	9/3/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. Malakoff	1730	9/3/97	Carl W Strut #53	TRANSFER
ALL	Carl W Strut #53	7 PM	9/3		
				[signature]	

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In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

RFP No.:

PO No.: 8814

WESTON. MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037
6116

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	Chemtech Project OTHER 5026CLP Chemtech Sample #
QSS2	9/3/97 1330	5	4M	G	6				X						27122
QSD2	1336														27123
RSS1	1330														27124
RSS2	1315														27125
RSD1	1335														27126
RSD2	1320														27139
RNS1	1330														27127
RNS2	1330														27128
RND1	1335														27129
RND2	1330														27130
SNS1	1300														27131 MS/MSD

Comments:

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
M. Malhotra	1730	9/3/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. Malhotra	1730	9/3/97	Carl Watts #53	TRANSFER
ALL	Carl Watts #53	7:PM	9/3		

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

RFP No.:

PO No.: 8[illegible]814

CHAIN OF CUSTODY RECORD

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-5116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaiy, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	Chemtech Project OTHER 5027CLP Sample #
SN52	9/2/97 1305	5	4/M	G	6				X						27148
SN53	1300														27149
SND1	1310														27150
SND2	1315														27151
SS51	1313														27152
SS52	1300														27153
SSD1	1315														27154
SSD2	1305														27155
TNS1	1245														27156
TNS2	1240														27157
TND1	1252														27158

Comments:

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
M. Mahoney	1730	9/3/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. Mahoney	1730	9/3/97	Carl Waters #53	TRANSFER
ALL	Carl Waters #53	7:PM	9/3		

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
				[illegible]	

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

RFP No.:

PO No.: 82814

CHAIN OF CUSTODY RECORD

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-5116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS KEN	COR	REAC	Chemtech Project OTHER 5027 CLP Sample ID
TND2	9/3/97/1250	5	M	G	6				X						
TSS1	1242														
TSS2	1235														
TSD1	1247														
TSD2	1240														
UNS1	1230									✓					27140 MS/MSD
UNS2	1225 ~~1245~~									✓					27143
UNS3	1230									✓					27144
UND1	1240									✓					27145
UND2	1235									✓					27146
USS1	1225									✓					27147

Comments:

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
M. Mahfoy	1730	9/3/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. Mahfoy	1730	9/3/97	Carl Norton - #53	TRANSFER
ALL	Carl Norton #53	7:PM	9/3		

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
				[illegible]	

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

FP No.:

O No.: 8[illegible]4

WESTON
MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	Chemtech Project OTHER 5030CCP Sample #
USS2	9/3/97 1229	5	H/M	G	6				X						
USD1	1230														
USD2	1236														
VNS1	1210														
VNS2	1210														
VND1	1220														
VND2	1215														
VSS1	1215														
VSS2	1205														
VSD1	1220														
VSD2	1210														27206

Comments:

Person Assuming Responsibility for Sample:	Time	Date (MM/DD/YY)
M. Mahnson	1730	9/3/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. Mahnson	1730	9/3/97	Carl Dixta #53	TRANSFER
ALL	Carl Dixta #53	7PM	9/3		

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
				[illegible]	

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

CHAIN OF CUSTODY RECORD

FP No.:

O No.: 8814

WESTON. MANAGERS DESIGNERS/CONSULTANTS

SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:	Preservative Box No.:
1. Surface Water	1. HCl
2. Ground Water	2. HN03
3. Leachate	3. Na2SO4
4. Rinsate	4. H2SO4
5. Soil/Sediment	5. Other (Specify)
6. Oil	6. Ice Only
7. Waste	N. Not Preserved
8. Other (Specify)	* See Comments

Send verbal and written results to: Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	RAS ANALYSIS VOA	BNA	PEST	PCBs	TAL	CN	RCRA ANALYSIS IGN	COR	REAC	OTHER Chemtech Project 5030CLP Sample ID
WNS1	9/3/97 1200	5	4/m	G	6				X						MS/MSD 27207
WNS2	1155														27210
WNS3	1200														27211
WND1	1205														27212
WND2	1200														27213
WSS1	1157														27214
WSS2	1130														27215
WSD1	1202														27216
WSD2	1155														27217
OCS	1410														27218
RB-4	1520	4	L	G	6										27219

Comments:

Person Assuming Responsibility for Sample: M. McKay — Time: 1730 — Date (MM/DD/YY): 9/3/97

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. McKay	1730	9/3/97	Carl Watts #53	TRANSFER
ALL	Carl Watts #53	7 PM	9/3		

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
				[illegible]	

Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Resource Applications, Inc., R.E. Sarriera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GRB Environmental Services, Inc.

PCB DATA TABLE

PROJECT: Cornel-Dubilier **SAMPLING DATE: August 14, 1997**
START PM: Mike Mahnkopf

Sample # /Concentration (ug/Kg) ChemTech Project #4862CLP

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample ID #		SWANS2	SWANS1	SWASED(S)	SWASED(D)	SWASS1	SWASS2	SWASD1
Lab ID #	Method	25964	25965	25968	25969	25970	25971	25972
Percent Moisture	Detection	35%	14%	33%	21%	9%	10%	30%
Dilution Factor	Limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Aroclor-1016	33.0	51 U	39 U	50 U	42 U	36 U	37 U	47 U
Aroclor-1221	67.0	101 U	77 U	101 U	84 U	73 U	74 U	95 U
Aroclor-1232	33.0	51 U	39 U	50 U	42 U	36 U	37 U	47 U
Aroclor-1242	33.0	51 U	39 U	50 U	42 U	36 U	37 U	47 U
Aroclor-1248	33.0	51 U	39 U	50 U	42 U	36 U	37 U	47 U
Aroclor-1254	33.0	83	79	50 U	42 U	66	69	140
Aroclor-1260	33.0	51 U	39 U	50 U	42 U	36 U	37 U	47 U

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample ID #		SWASD2	SWANS3	SWBNS2	SWBND2	SWCSED(S)	SWCSED(D)	SWCSS1
Lab ID #	Method	25973	25974	25975	25976	25977	25978	25979
Percent Moisture	Detection	21%	19%	3%	9%	21%	17%	8%
Dilution Factor	Limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Aroclor-1016	33.0	42 U	41 U	34 U	37 U	42 U	39 U	36 U
Aroclor-1221	67.0	94 U	82 U	68 U	73 U	84 U	77 U	73 U
Aroclor-1232	33.0	42 U	41 U	34 U	37 U	42 U	39 U	36 U
Aroclor-1242	33.0	42 U	41 U	34 U	37 U	42 U	39 U	36 U
Aroclor-1248	33.0	42 U	41 U	34 U	37 U	42 U	39 U	36 U
Aroclor-1254	33.0	170	95	49	37 U	54	39 U	51
Aroclor-1260	33.0	42 U	41 U	34 U	37 U	42 U	39 U	36 U

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	
Sample ID #		SWCSD1	SWCSS2	SWCSD2	SWDSS3	SWDNS1	SWDND1	
Lab ID #	Method	25980	25981	25982	25983	25984	25985	
Percent Moisture	Detection	12%	9%	9%	10%	15%	12%	
Dilution Factor	Limit	1.0	1.0	1.0	1.0	1.0	1.0	
Aroclor-1016	33.0	38 U	36 U	36 U	35 UJ	39 U	38 U	
Aroclor-1221	67.0	76 U	73 U	73 U	71 UJ	78 U	76 U	
Aroclor-1232	33.0	38 U	36 U	36 U	35 UJ	39 U	38 U	
Aroclor-1242	33.0	38 U	36 U	36 U	35 UJ	39 U	38 U	
Aroclor-1248	33.0	38 U	36 U	36 U	35 UJ	39 U	38 U	
Aroclor-1254	33.0	38 U	36 U	36 U	35 UJ	160	38 U	
Aroclor-1260	33.0	38 U	36 U	36 U	35 UJ	39 U	38 U	

U - Non-detected compound.
B - Detected in the corresponding method blank.
J - Estimated value.
JN - Presumptive evidence of a compound at an estimated value.
R - Rejected compound.

PCB DATA TABLE

PROJECT: Cornel-Dubilier **SAMPLING DATE: August 14 &15, 1997**
START PM: Mike Mahnkopf

Sample # /Concentration (ug/Kg) ChemTech Project #4863CLP

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample ID #		SWDSS1	SWDSD1	SWDSED (S)	SWDSED (D)	SWBNS1	SWBND1	SWBSED(S)
Lab ID #	Method	25986	25989	25990	25991	25992	25993	25994
Percent Moisture	Detection	14%	23%	15%	19%	5%	19%	25%
Dilution Factor	Limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Aroclor-1016	33.0	39 UJ	43 U	39 U	41 U	35 U	41 U	44 U
Aroclor-1221	67.0	77 UJ	86 U	78 U	82 U	70 U	82 U	88 U
Aroclor-1232	33.0	39 UJ	43 U	39 U	41 U	35 U	41 U	44 U
Aroclor-1242	33.0	39 UJ	43 U	39 U	41 U	35 U	41 U	44 U
Aroclor-1248	33.0	39 UJ	43 U	39 U	41 U	35 U	41 U	44 U
Aroclor-1254	33.0	140 J	43 U	39 U	52	51	41 U	120
Aroclor-1260	33.0	39 UJ	43 U	39 U	41 U	35 U	41 U	44 U

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample ID #		SWBSED(D)	SWBSS1	SWBSS2	SWBSD2	SWCNS2	SWCND2	SWCNS1
Lab ID #	Method	25995	25996	25997	25998	25999	26000	26001
Percent Moisture	Detection	23%	15%	10%	23%	18%	15%	12%
Dilution Factor	Limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Aroclor-1016	33.0	43 U	39 U	37 U	43 U	41 U	39 U	38 U
Aroclor-1221	67.0	86 U	79 U	74 U	87 U	81 U	78 U	75 U
Aroclor-1232	33.0	43 U	39 U	37 U	43 U	41 U	39 U	38 U
Aroclor-1242	33.0	43 U	39 U	37 U	43 U	41 U	39 U	38 U
Aroclor-1248	33.0	43 U	39 U	37 U	43 U	41 U	39 U	38 U
Aroclor-1254	33.0	47	39 U	91	43 U	200	110	96
Aroclor-1260	33.0	43 U	39 U	37 U	43 U	41 U	39 U	38 U

Conc. (ug/L)

Matrix		Soil	Soil	Soil	Soil	Soil		Water
Sample ID #		SWCND1	ISED (S)	INS1	JSED (D)	JSS1		RB-1
Lab ID #	Method	26002	26144	26145	26146	26147		26003
Percent Moisture	Detection	11%	15%	28%	21%	63%		-
Dilution Factor	Limit	1.0	1.0	1.0	1.0	1.0		1.0
Aroclor-1016	33.0	38 U	39 U	46 U	42 U	89 UJ		1.0 U
Aroclor-1221	67.0	75 U	78 U	93 U	84 U	177 UJ		2.0 U
Aroclor-1232	33.0	38 U	39 U	46 U	42 U	89 UJ		1.0 U
Aroclor-1242	33.0	38 U	39 U	46 U	42 U	89 UJ		1.0 U
Aroclor-1248	33.0	38 U	39 U	46 U	42 U	89 UJ		1.0 U
Aroclor-1254	33.0	38 U	39 U	46 U	42 U	89 UJ		1.0 U
Aroclor-1260	33.0	38 U	39 U	46 U	42 U	89 UJ		1.0 U

U - Non-detected compound.
B - Detected in the corresponding method blank.
J - Estimated value.
JN - Presumptive evidence of a compound at an estimated value.
R - Rejected compound.

PCB DATA TABLE

PROJECT: Cornel-Dubilier **SAMPLING DATE: August 15, 1997**
START PM: Mike Mahnkopf

Sample # /Concentration (ug/Kg) ChemTech Project #4875CLP

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample ID #		JSD1	JSD2	JSS2	JSED (S)	JND2	JNS3	JNS1
Lab ID #	Method	26100	26101	26102	26103	26104	26105	26106
Percent Moisture	Detection	61%	60%	59%	36%	51%	51%	50%
Dilution Factor	Limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Aroclor-1016	33.0	86 UJ	82 UJ	82 UJ	52 U	68 UJ	68 UJ	67 UJ
Aroclor-1221	67.0	173 UJ	165 UJ	163 UJ	103 U	136 UJ	136 UJ	134 UJ
Aroclor-1232	33.0	86 UJ	82 UJ	82 UJ	52 U	68 UJ	68 UJ	67 UJ
Aroclor-1242	33.0	86 UJ	82 UJ	82 UJ	52 U	68 UJ	68 UJ	67 UJ
Aroclor-1248	33.0	86 UJ	82 UJ	82 UJ	52 U	68 UJ	68 UJ	67 UJ
Aroclor-1254	33.0	86 UJ	82 UJ	82 UJ	52 U	68 UJ	68 UJ	67 UJ
Aroclor-1260	33.0	86 UJ	82 UJ	82 UJ	52 U	68 UJ	68 UJ	67 UJ

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample ID #		JND1	JNS2	KSD2	KSS2	LSED (S)	LSED (D)	LND1
Lab ID #	Method	26109	26110	26111	26112	26113	26114	26115
Percent Moisture	Detection	54%	41%	58%	51%	19%	21%	58%
Dilution Factor	Limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Aroclor-1016	33.0	73 UJ	57 U	79 UJ	68 UJ	41 U	42 U	79 UJ
Aroclor-1221	67.0	146 UJ	113 U	159 UJ	135 UJ	82 U	84 U	157 UJ
Aroclor-1232	33.0	73 UJ	57 U	79 UJ	68 UJ	41 U	42 U	79 UJ
Aroclor-1242	33.0	73 UJ	57 U	79 UJ	68 UJ	41 U	42 U	79 UJ
Aroclor-1248	33.0	73 UJ	57 U	79 UJ	68 UJ	41 U	42 U	79 UJ
Aroclor-1254	33.0	73 UJ	130	79 UJ	68 UJ	41 U	42 U	79 UJ
Aroclor-1260	33.0	73 UJ	57 U	79 UJ	68 UJ	41 U	42 U	79 UJ

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	
Sample ID #		LNS2	LNS1	LSD2	LSD1	LSS1	LSS2	
Lab ID #	Method	26116	26117	26118	26119	26120	26121	
Percent Moisture	Detection	52%	47%	52%	57%	48%	55%	
Dilution Factor	Limit	1.0	1.0	10.0	1.0	100.0	1.0	
Aroclor-1016	33.0	69 UJ	62 U	694 UJ	77 UJ	6409 U	73 UJ	
Aroclor-1221	67.0	137 UJ	125 U	1388 UJ	154 UJ	12819 U	147 UJ	
Aroclor-1232	33.0	69 UJ	62 U	694 UJ	77 UJ	6409 U	73 UJ	
Aroclor-1242	33.0	69 UJ	62 U	694 UJ	77 UJ	6409 U	73 UJ	
Aroclor-1248	33.0	69 UJ	62 U	694 UJ	77 UJ	6409 U	73 UJ	
Aroclor-1254	33.0	69 UJ	63	1200 J	170 J	3500	550 J	
Aroclor-1260	33.0	69 UJ	62 U	694 UJ	77 UJ	6409 U	73 UJ	

U - Non-detected compound.
B - Detected in the corresponding method blank.
J - Estimated value.
JN - Presumptive evidence of a compound at an estimated value.
R - Rejected compound.

PCB DATA TABLE

PROJECT: Cornel-Dubilier **SAMPLING DATE: August 15, 1997**
START PM: Mike Mahnkopf

Sample # /Concentration (ug/Kg) ChemTech Project #4876CLP

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample ID #		FSED (D)	HSED (S)	HSED (D)	ASED (D)	ASED (S)	GSED (S)	GSED (D)
Lab ID #	Method	26122	26123	26124	26125	26126	26127	26128
Percent Moisture	Detection	37%	22%	22%	18%	21%	24%	20%
Dilution Factor	Limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Aroclor-1016	33.0	53 U	42 U	42 U	49 U	42 U	44 U	42 U
Aroclor-1221	67.0	106 U	85 U	85 U	97 U	84 U	88 U	83 U
Aroclor-1232	33.0	53 U	42 U	42 U	49 U	42 U	44 U	42 U
Aroclor-1242	33.0	53 U	42 U	42 U	49 U	42 U	44 U	42 U
Aroclor-1248	33.0	53 U	42 U	42 U	49 U	42 U	44 U	42 U
Aroclor-1254	33.0	53 U	42 U	42 U	49 U	42 U	44 U	42 U
Aroclor-1260	33.0	53 U	42 U	42 U	49 U	42 U	44 U	42 U

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample ID #		ESED (D)	ESED (S)	CSED (S)	CSED (S-3)	KNS2	KND2	KSED (S)
Lab ID #	Method	26129	26130	26131	26134	26135	26136	26137
Percent Moisture	Detection	20%	27%	17%	36%	25%	46%	22%
Dilution Factor	Limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Aroclor-1016	33.0	42 U	46 U	40 U	52 U	44 U	62 U	42 U
Aroclor-1221	67.0	83 U	91 U	80 U	104 U	89 U	123 U	85 U
Aroclor-1232	33.0	42 U	46 U	40 U	52 U	44 U	62 U	42 U
Aroclor-1242	33.0	42 U	46 U	40 U	52 U	44 U	62 U	42 U
Aroclor-1248	33.0	42 U	46 U	40 U	52 U	44 U	62 U	42 U
Aroclor-1254	33.0	42 U	46 U	40 U	52 U	82	280	42 U
Aroclor-1260	33.0	42 U	46 U	40 U	52 U	44 U	62 U	42 U

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	
Sample ID #		KND1	KNS1	KSS1	KSD1	IND2	IND1	
Lab ID #	Method	26138	26139	26140	26141	26142	26143	
Percent Moisture	Detection	26%	62%	54%	56%	41%	41%	
Dilution Factor	Limit	1.0	1.0	1.0	1.0	1.0	1.0	
Aroclor-1016	33.0	45 U	88 UJ	72 UJ	76 UJ	56 U	56 U	
Aroclor-1221	67.0	90 U	175 UJ	145 UJ	151 UJ	113 U	113 U	
Aroclor-1232	33.0	45 U	88 UJ	72 UJ	76 UJ	56 U	56 U	
Aroclor-1242	33.0	45 U	88 UJ	72 UJ	76 UJ	56 U	56 U	
Aroclor-1248	33.0	45 U	88 UJ	72 UJ	76 UJ	56 U	56 U	
Aroclor-1254	33.0	45 U	88 UJ	72 UJ	76 UJ	110	56 U	
Aroclor-1260	33.0	45 U	88 UJ	72 UJ	76 UJ	56 U	56 U	

U - Non-detected compound.
B - Detected in the corresponding method blank.
J - Estimated value.
JN - Presumptive evidence of a compound at an estimated value.
R - Rejected compound.

PCB DATA TABLE

PROJECT: Cornel-Dubilier **SAMPLING DATE: August 15, 1997**
START PM: Mike Mahnkopf

Sample # /Concentration (ug/Kg) ChemTech Project #4877CLP

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample ID #		MNS2	MND2	MNS1	MND1	MSED (S)	MSED (D)	MSS3
Lab ID #	Method	26148	26149	26150	26151	26152	26153	26154
Percent Moisture	Detection	13%	7%	28%	28%	35%	39%	25%
Dilution Factor	Limit	50.0	50.0	1.0	1.0	1.0	1.0	50.0
Aroclor-1016	33.0	1915 U	1790 U	46 U	46 U	51 U	55 U	2220 U
Aroclor-1221	67.0	3831 U	3581 U	92 U	92 U	102 U	109 U	4440 U
Aroclor-1232	33.0	1915 U	1790 U	46 U	46 U	51 U	55 U	2220 U
Aroclor-1242	33.0	1915 U	1790 U	46 U	46 U	51 U	55 U	2220 U
Aroclor-1248	33.0	1915 U	1790 U	46 U	46 U	51 U	55 U	2220 U
Aroclor-1254	33.0	6700	2800	170	220	250	170	18000
Aroclor-1260	33.0	1915 U	1790 U	46 U	46 U	51 U	55 U	2220 U

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample ID #		MSD1	MSS2	MSD2	MSS1	ISS1	INS2	ISD1
Lab ID #	Method	26155	26156	26157	26158	26161	26162	26163
Percent Moisture	Detection	16%	18%	12%	24%	61%	39%	59%
Dilution Factor	Limit	1.0	200.0	50.0	50.0	1.0	1.0	1.0
Aroclor-1016	33.0	40 U	8129 U	1892 U	2191 U	85 UJ	54 U	81 UJ
Aroclor-1221	67.0	79 U	16528 U	3784 U	4382 U	171 UJ	109 U	162 UJ
Aroclor-1232	33.0	40 U	8129 U	1892 U	2191 U	85 UJ	54 U	81 UJ
Aroclor-1242	33.0	40 U	8129 U	1892 U	2191 U	85 UJ	54 U	81 UJ
Aroclor-1248	33.0	40 U	8129 U	1892 U	2191 U	85 UJ	54 U	81 UJ
Aroclor-1254	33.0	67	85000	30000	28000	85 UJ	140	81 UJ
Aroclor-1260	33.0	40 U	8129 U	1892 U	2191 U	85 UJ	54 U	81 UJ

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	
Sample ID #		ISD2	ISS2	ISED (D)	BSED (D)	BSED (S)	DSED (D)	
Lab ID #	Method	26164	26165	26166	26167	26168	26169	
Percent Moisture	Detection	46%	61%	17%	30%	29%	14%	
Dilution Factor	Limit	1.0	1.0	1.0	1.0	1.0	1.0	
Aroclor-1016	33.0	61 U	85 UJ	40 U	47 U	48 U	38 U	
Aroclor-1221	67.0	123 U	171 UJ	80 U	95 U	96 U	77 U	
Aroclor-1232	33.0	61 U	85 UJ	40 U	47 U	48 U	38 U	
Aroclor-1242	33.0	61 U	85 UJ	40 U	47 U	48 U	38 U	
Aroclor-1248	33.0	61 U	85 UJ	40 U	47 U	48 U	38 U	
Aroclor-1254	33.0	61 U	85 UJ	40 U	47 U	320	38 U	
Aroclor-1260	33.0	61 U	85 UJ	40 U	47 U	48 U	38 U	

U - Non-detected compound.
B - Detected in the corresponding method blank.
J - Estimated value.
JN - Presumptive evidence of a compound at an estimated value.
R - Rejected compound.

PCB DATA TABLE

PROJECT: Cornel-Dubilier **SAMPLING DATE: August 15, 1997**
START PM: Mike Mahnkopf

Sample # /Concentration (ug/Kg) ChemTech Project #4878CLP

Matrix Sample ID # Lab ID # Percent Moisture Dilution Factor	Method Detection Limit	Soil DSED (S) 26170 34% 1.0	Soil FSED (S) 26171 31% 1.0	Soil CSED (D) 26172 30% 1.0				
Aroclor-1016	33.0	50 U	48 U	48 U				
Aroclor-1221	67.0	101 U	96 U	95 U				
Aroclor-1232	33.0	50 U	48 U	48 U				
Aroclor-1242	33.0	50 U	48 U	48 U				
Aroclor-1248	33.0	50 U	48 U	48 U				
Aroclor-1254	33.0	50 U	48 U	48 U				
Aroclor-1260	33.0	50 U	48 U	48 U				

Conc. (ug/L)

Matrix Sample ID # Lab ID # Percent Moisture Dilution Factor	Method Detection Limit	Water RB-2 26173 - 1.0						
Aroclor-1016	33.0	1.0 U						
Aroclor-1221	67.0	2.0 U						
Aroclor-1232	33.0	1.0 U						
Aroclor-1242	33.0	1.0 U						
Aroclor-1248	33.0	1.0 U						
Aroclor-1254	33.0	1.0 U						
Aroclor-1260	33.0	1.0 U						

Matrix Sample ID # Lab ID # Percent Moisture Dilution Factor	Method Detection Limit							
Aroclor-1016	33.0							
Aroclor-1221	67.0							
Aroclor-1232	33.0							
Aroclor-1242	33.0							
Aroclor-1248	33.0							
Aroclor-1254	33.0							
Aroclor-1260	33.0							

U - Non-detected compound.
B - Detected in the corresponding method blank.
J - Estimated value.
JN - Presumptive evidence of a compound at an estimated value.
R - Rejected compound.

PCB DATA TABLE

PROJECT: Cornel-Dubilier **SAMPLING DATE: August 27, 1997**
START PM: Mike Mahnkopf

Sample # /Concentration (ug/Kg) ChemTech Project #4964CLP

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample ID #		ANS1	ANS2	AND2	BNS1	BNS2	BNS3	BND2
Lab ID #	Method	26641	26642	26643	26644	26647	26648	26649
Percent Moisture	Detection	54%	42%	49%	46%	58%	43%	55%
Dilution Factor	Limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Aroclor-1016	33.0	72 UJ	57 U	65 U	61 U	79 UJ	58 U	74 UJ
Aroclor-1221	67.0	144 UJ	115 U	131 U	122 U	158 UJ	117 U	148 UJ
Aroclor-1232	33.0	72 UJ	57 U	65 U	61 U	79 UJ	58 U	74 UJ
Aroclor-1242	33.0	72 UJ	57 U	65 U	61 U	79 UJ	58 U	74 UJ
Aroclor-1248	33.0	72 UJ	57 U	65 U	61 U	79 UJ	58 U	74 UJ
Aroclor-1254	33.0	72 UJ	57 U	65 U	61 U	79 UJ	58 U	74 UJ
Aroclor-1260	33.0	72 UJ	57 U	65 U	61 U	79 UJ	58 U	74 UJ

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample ID #		CNS1	CNS2	CND1	FNS2	FNS3	FND1	FND2
Lab ID #	Method	26650	26651	26652	26653	26654	26655	26656
Percent Moisture	Detection	48%	38%	52%	36%	40%	48%	29%
Dilution Factor	Limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Aroclor-1016	33.0	64 U	54 U	69 UJ	52 U	56 U	64 U	47 U
Aroclor-1221	67.0	128 U	107 U	139 UJ	104 U	111 U	128 U	94 U
Aroclor-1232	33.0	64 U	54 U	69 UJ	52 U	56 U	64 U	47 U
Aroclor-1242	33.0	64 U	54 U	69 UJ	52 U	56 U	64 U	47 U
Aroclor-1248	33.0	64 U	54 U	69 UJ	52 U	56 U	64 U	47 U
Aroclor-1254	33.0	64 U	54 U	69 UJ	52 U	56 U	64 U	47 U
Aroclor-1260	33.0	64 U	54 U	69 UJ	52 U	56 U	64 U	47 U

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	
Sample ID #		GNS1	GNS2	GND1	GND2	HNS2	HNS3	
Lab ID #	Method	26657	26658	26659	26660	26661	26662	
Percent Moisture	Detection	25%	31%	16%	15%	36%	34%	
Dilution Factor	Limit	1.0	1.0	1.0	1.0	1.0	1.0	
Aroclor-1016	33.0	44 U	48 U	40 U	39 U	52 U	50 U	
Aroclor-1221	67.0	89 U	97 U	79 U	78 U	104 U	101 U	
Aroclor-1232	33.0	44 U	48 U	40 U	39 U	52 U	50 U	
Aroclor-1242	33.0	44 U	48 U	40 U	39 U	52 U	50 U	
Aroclor-1248	33.0	44 U	48 U	40 U	39 U	52 U	50 U	
Aroclor-1254	33.0	44 U	48 U	40 U	39 U	52 U	50 U	
Aroclor-1260	33.0	44 U	48 U	40 U	39 U	52 U	50 U	

U - Non-detected compound.
B - Detected in the corresponding method blank.
J - Estimated value.
JN - Presumptive evidence of a compound at an estimated value.
R - Rejected compound.

PCB DATA TABLE

PROJECT: Cornel-Dubilier **SAMPLING DATE: August 27, 1997**
START PM: Mike Mahnkopf

Sample # /Concentration (ug/Kg) ChemTech Project #4965CLP

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample ID #		HNS1	CSS2	CSD1	CSD2	DSS1	DSS2	DSD1
Lab ID #	Method	26663	26666	26667	26668	26669	26670	26671
Percent Moisture	Detection	34%	19%	29%	43%	45%	31%	47%
Dilution Factor	Limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Aroclor-1016	33.0	50 U	41 U	47 U	58 U	61 U	48 U	63 U
Aroclor-1221	67.0	101 U	82 U	94 U	117 U	121 U	97 U	126 U
Aroclor-1232	33.0	50 U	41 U	47 U	58 U	61 U	48 U	63 U
Aroclor-1242	33.0	50 U	41 U	47 U	58 U	61 U	48 U	63 U
Aroclor-1248	33.0	50 U	41 U	47 U	58 U	61 U	48 U	63 U
Aroclor-1254	33.0	50 U	41 U	47 U	58 U	61 U	48 U	63 U
Aroclor-1260	33.0	50 U	41 U	47 U	58 U	61 U	48 U	63 U

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample ID #		DSD2	ESS1	ESS2	ESD1	ESD2	HND1	HND2
Lab ID #	Method	26672	26673	26674	26675	26676	26677	26678
Percent Moisture	Detection	19%	41%	35%	44%	46%	49%	34%
Dilution Factor	Limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Aroclor-1016	33.0	41 U	56 U	51 U	59 U	62 U	65 U	50 U
Aroclor-1221	67.0	82 U	113 U	102 U	119 U	123 U	131 U	101 U
Aroclor-1232	33.0	41 U	56 U	51 U	59 U	62 U	65 U	50 U
Aroclor-1242	33.0	41 U	56 U	51 U	59 U	62 U	65 U	50 U
Aroclor-1248	33.0	41 U	56 U	51 U	59 U	62 U	65 U	50 U
Aroclor-1254	33.0	41 U	56 U	51 U	59 U	62 U	65 U	50 U
Aroclor-1260	33.0	41 U	56 U	51 U	59 U	62 U	65 U	50 U

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	
Sample ID #		ASS1	ASS2	ASD1	ASD2	BSS1	BSS2	
Lab ID #	Method	26679	26680	26681	26682	26683	26684	
Percent Moisture	Detection	27%	28%	31%	29%	25%	28%	
Dilution Factor	Limit	1.0	1.0	10.0	1.0	1.0	1.0	
Aroclor-1016	33.0	46 U	46 U	48 U	47 U	44 U	46 U	
Aroclor-1221	67.0	91 U	93 U	97 U	94 U	89 U	93 U	
Aroclor-1232	33.0	46 U	46 U	48 U	47 U	44 U	46 U	
Aroclor-1242	33.0	46 U	46 U	48 U	47 U	44 U	46 U	
Aroclor-1248	33.0	46 U	46 U	48 U	47 U	44 U	46 U	
Aroclor-1254	33.0	46 U	46 U	48 U	47 U	44 U	46 U	
Aroclor-1260	33.0	46 U	46 U	48 U	47 U	44 U	46 U	

U - Non-detected compound.
B - Detected in the corresponding method blank.
J - Estimated value.
JN - Presumptive evidence of a compound at an estimated value.
R - Rejected compound.

PCB DATA TABLE

PROJECT: Cornel-Dubilier **SAMPLING DATE: August 27, 1997**
START PM: Mike Mahnkopf

Sample # /Concentration (ug/Kg) ChemTech Project #4966CLP

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample ID #		CND2	DNS2	DNS3	DND1	DND2	ENS1	ENS2
Lab ID #	Method	26685	26686	26687	26688	26689	26690	26691
Percent Moisture	Detection	31%	22%	32%	34%	27%	28%	27%
Dilution Factor	Limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Aroclor-1016	33.0	48 U	43 U	49 U	50 U	46 U	46 U	46 U
Aroclor-1221	67.0	97 U	85 U	98 U	101 U	91 U	93 U	91 U
Aroclor-1232	33.0	48 U	43 U	49 U	50 U	46 U	46 U	46 U
Aroclor-1242	33.0	48 U	43 U	49 U	50 U	46 U	46 U	46 U
Aroclor-1248	33.0	48 U	43 U	49 U	50 U	46 U	46 U	46 U
Aroclor-1254	33.0	48 U	43 U	49 U	50 U	46 U	46 U	46 U
Aroclor-1260	33.0	48 U	43 U	49 U	50 U	46 U	46 U	46 U

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample ID #		END1	END2	FNS1	FSS1	FSS2	FSD1	FSD2
Lab ID #	Method	26692	26693	26694	26697	26698	26699	26700
Percent Moisture	Detection	32%	14%	39%	44%	51%	53%	35%
Dilution Factor	Limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Aroclor-1016	33.0	49 U	39 U	55 U	59 U	68 UJ	71 UJ	51 U
Aroclor-1221	67.0	98 U	77 U	109 U	119 U	136 UJ	142 UJ	102 U
Aroclor-1232	33.0	49 U	39 U	55 U	59 U	68 UJ	71 UJ	51 U
Aroclor-1242	33.0	49 U	39 U	55 U	59 U	68 UJ	71 UJ	51 U
Aroclor-1248	33.0	49 U	39 U	55 U	59 U	68 UJ	71 UJ	51 U
Aroclor-1254	33.0	49 U	39 U	55 U	59 U	68 UJ	71 UJ	51 U
Aroclor-1260	33.0	49 U	39 U	55 U	59 U	68 UJ	71 UJ	51 U

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	
Sample ID #		GSS1	GSS2	GSD1	GSD2	HSS1	HSS2	
Lab ID #	Method	26701	26702	26703	26704	26705	26706	
Percent Moisture	Detection	52%	44%	54%	46%	63%	55%	
Dilution Factor	Limit	1.0	1.0	1.0	1.0	1.0	1.0	
Aroclor-1016	33.0	69 UJ	59 U	72 UJ	62 U	90 UJ	74 UJ	
Aroclor-1221	67.0	139 UJ	119 U	145 UJ	123 U	180 UJ	148 UJ	
Aroclor-1232	33.0	69 UJ	59 U	72 UJ	62 U	90 UJ	74 UJ	
Aroclor-1242	33.0	69 UJ	59 U	72 UJ	62 U	90 UJ	74 UJ	
Aroclor-1248	33.0	69 UJ	59 U	72 UJ	62 U	90 UJ	74 UJ	
Aroclor-1254	33.0	69 UJ	59 U	72 UJ	62 U	90 UJ	74 UJ	
Aroclor-1260	33.0	69 UJ	59 U	72 UJ	62 U	90 UJ	74 UJ	

U - Non-detected compound.
B - Detected in the corresponding method blank.
J - Estimated value.
JN - Presumptive evidence of a compound at an estimated value.
R - Rejected compound.

PCB DATA TABLE

PROJECT: Cornel-Dubilier **SAMPLING DATE: August 27, 1997**
START PM: Mike Mahnkopf

Sample # /Concentration (ug/Kg) ChemTech Project #4967CLP

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample ID #		DNS1	HSD1	BSD1	BSD2	CSS1	HSD2	NSED (S)
Lab ID #	Method	26707	26710	26711	26712	26713	26714	26715
Percent Moisture	Detection	32%	58%	30%	26%	28%	50%	40%
Dilution Factor	Limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Aroclor-1016	33.0	49 U	79 UJ	48 U	45 U	46 U	67 UJ	56 U
Aroclor-1221	67.0	98 U	159 UJ	95 U	90 U	93 U	133 UJ	111 U
Aroclor-1232	33.0	49 U	79 UJ	48 U	45 U	46 U	67 UJ	56 U
Aroclor-1242	33.0	49 U	79 UJ	48 U	45 U	46 U	67 UJ	56 U
Aroclor-1248	33.0	49 U	79 UJ	48 U	45 U	46 U	67 UJ	56 U
Aroclor-1254	33.0	49 U	79 UJ	48 U	45 U	46 U	67 UJ	840
Aroclor-1260	33.0	49 U	79 UJ	48 U	45 U	46 U	67 UJ	56 U

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample ID #		NSED (D)	OSED (S) 1	OSED (D) 1	OSED (S) 2	OSED (D) 2	PSED (S)	QSED (S)
Lab ID #	Method	26716	26717	26718	26719	26720	26721	26722
Percent Moisture	Detection	13%	22%	14%	40%	33%	23%	21%
Dilution Factor	Limit	1.0	1.0	1.0	1.0	50.0	100.0	1.0
Aroclor-1016	33.0	38 U	43 U	39 U	56 U	2500 U	4300 U	42 U
Aroclor-1221	67.0	77 U	85 U	77 U	111 U	5000 U	8600 U	84 U
Aroclor-1232	33.0	38 U	43 U	39 U	56 U	2500 U	4300 U	42 U
Aroclor-1242	33.0	38 U	43 U	39 U	56 U	2500 U	4300 U	42 U
Aroclor-1248	33.0	38 U	43 U	39 U	56 U	2500 U	4300 U	42 U
Aroclor-1254	33.0	770	43 U	590	300	8300	22000	610
Aroclor-1260	33.0	38 U	43 U	39 U	56 U	2500 U	4300 U	42 U

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	
Sample ID #		RSED (S)	SSED (S)	SSED (D)	TSED (S)	USED (S)	VSED (S)	
Lab ID #	Method	26723	26724	26725	26726	26727	26728	
Percent Moisture	Detection	20%	34%	28%	28%	15%	16%	
Dilution Factor	Limit	20.0	50.0	20.0	200.0	1.0	1.0	
Aroclor-1016	33.0	833U	2523 U	925 U	9250 U	39 U	40 U	
Aroclor-1221	67.0	1666 U	5046 U	1850 U	18500 U	78 U	79 U	
Aroclor-1232	33.0	833U	2523 U	925 U	9250 U	39 U	40 U	
Aroclor-1242	33.0	833U	2523 U	925 U	9250 U	39 U	40 U	
Aroclor-1248	33.0	833U	2523 U	925 U	9250 U	39 U	40 U	
Aroclor-1254	33.0	1400	7200	2000	15000	39 U	65	
Aroclor-1260	33.0	833U	2523 U	925 U	9250 U	39 U	40 U	

U - Non-detected compound.
B - Detected in the corresponding method blank.
J - Estimated value.
JN - Presumptive evidence of a compound at an estimated value.
R - Rejected compound.

PCB DATA TABLE

PROJECT: Cornel-Dubilier **SAMPLING DATE: August 27, 1997**
START PM: Mike Mahnkopf

Sample # /Concentration (ug/Kg) ChemTech Project # 4968CLP

Matrix		Soil	Soil					
Sample ID #		WSED (S)	WSED (D)					
Lab ID #	Method	26729	26730					
Percent Moisture	Detection	26%	17%					
Dilution Factor	Limit	1.0	1.0					
Aroclor-1016	33.0	45 U	40 U					
Aroclor-1221	67.0	90 U	80 U					
Aroclor-1232	33.0	45 U	40 U					
Aroclor-1242	33.0	45 U	40 U					
Aroclor-1248	33.0	45 U	40 U					
Aroclor-1254	33.0	140	200					
Aroclor-1260	33.0	45 U	40 U					

Conc. (ug/L)

Matrix		Water						
Sample ID #		RB-3						
Lab ID #	Method	26731						
Percent Moisture	Detection	-						
Dilution Factor	Limit	1.0						
Aroclor-1016	33.0	1.0 U						
Aroclor-1221	67.0	2.0 U						
Aroclor-1232	33.0	1.0 U						
Aroclor-1242	33.0	1.0 U						
Aroclor-1248	33.0	1.0 U						
Aroclor-1254	33.0	1.0 U						
Aroclor-1260	33.0	1.0 U						

Matrix								
Sample ID #								
Lab ID #	Method							
Percent Moisture	Detection							
Dilution Factor	Limit							
Aroclor-1016	33.0							
Aroclor-1221	67.0							
Aroclor-1232	33.0							
Aroclor-1242	33.0							
Aroclor-1248	33.0							
Aroclor-1254	33.0							
Aroclor-1260	33.0							

U - Non-detected compound.
B - Detected in the corresponding method blank.
J - Estimated value.
JN - Presumptive evidence of a compound at an estimated value.
R - Rejected compound.

PCB DATA TABLE

PROJECT: Cornel-Dubilier **SAMPLING DATE: September 03, 1997**
START PM: Mike Mahnkopf

Sample # /Concentration (ug/Kg) ChemTech Project # 5026CLP

Matrix Sample ID # Lab ID # Percent Moisture Dilution Factor	Method Detection Limit	Soil QSS2 27122 23% 10.0	Soil QSD2 27123 45% 10.0	Soil RSS1 27124 48% 1.0	Soil RSS2 27125 59% 1.0	Soil RSD1 27126 58% 1.0	Soil RNS1 27127 21% 1.0	Soil RNS2 27128 21% 10.0
Aroclor-1016	33.0	430 U	610 U	64 U	81 UJ	79 UJ	42 U	420 U
Aroclor-1221	67.0	870 U	1200 U	130 U	160 UJ	160 UJ	84 U	840 U
Aroclor-1232	33.0	430 U	610 U	64 U	81 UJ	79 UJ	42 U	420 U
Aroclor-1242	33.0	430 U	610 U	64 U	81 UJ	79 UJ	42 U	420 U
Aroclor-1248	33.0	430 U	610 U	64 U	81 UJ	79 UJ	42 U	420 U
Aroclor-1254	33.0	2300	3900	340	440 J	1200 J	110	2900
Aroclor-1260	33.0	430 U	610 U	64 U	81 UJ	79 UJ	42 U	420 U

Matrix Sample ID # Lab ID # Percent Moisture Dilution Factor	Method Detection Limit	Soil RND1 27129 20% 1.0	Soil RND2 27130 9% 1.0	Soil SNS1 27131 26% 1.0	Soil TND2 27134 12% 1.0	Soil TSS1 27135 33% 10.0	Soil TSS2 27136 31% 10.0	Soil TSD1 27137 64% 2.0
Aroclor-1016	33.0	42 U	37 U	45 U	38 U	500 U	480 U	93 UJ
Aroclor-1221	67.0	83 U	73 U	90 U	76 U	1000 U	970 U	190 UJ
Aroclor-1232	33.0	42 U	37 U	45 U	38 U	500 U	480 U	93 UJ
Aroclor-1242	33.0	42 U	37 U	45 U	38 U	500 U	480 U	93 UJ
Aroclor-1248	33.0	42 U	37 U	45 U	38 U	500 U	480 U	93 UJ
Aroclor-1254	33.0	280	140	450	370	2100	2700	930 J
Aroclor-1260	33.0	42 U	37 U	45 U	38 U	500 U	480 U	93 UJ

Matrix Sample ID # Lab ID # Percent Moisture Dilution Factor	Method Detection Limit	Soil TSD2 27138 67% 20.0	Soil RSD2 27139 55% 1.0					
Aroclor-1016	33.0	2000 UJ	74 UJ					
Aroclor-1221	67.0	4000 UJ	150 UJ					
Aroclor-1232	33.0	2000 UJ	74 UJ					
Aroclor-1242	33.0	2000 UJ	74 UJ					
Aroclor-1248	33.0	2000 UJ	74 UJ					
Aroclor-1254	33.0	27000 J	340 J					
Aroclor-1260	33.0	2000 UJ	74 UJ					

U - Non-detected compound.
B - Detected in the corresponding method blank.
J - Estimated value.
JN - Presumptive evidence of a compound at an estimated value.
R - Rejected compound.

PCB DATA TABLE

PROJECT: Cornel-Dubilier **SAMPLING DATE: September 03, 1997**
START PM: Mike Mahnkopf

Sample # /Concentration (ug/Kg) ChemTech Project # 5027CLP

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample ID #		UNS1	UNS2	UNS3	UND1	UND2	USS1	SNS2
Lab ID #	Method	27140	27143	27144	27145	27146	27147	27148
Percent Moisture	Detection	19%	20%	19%	18%	19%	10%	30%
Dilution Factor	Limit	10.0	10.0	10.0	10.0	20.0	10.0	1.0
Aroclor-1016	33.0	410 U	420 U	410 U	410 U	820 U	370 U	48 U
Aroclor-1221	67.0	820 U	830 U	820 U	810 U	1600 U	740 U	95 U
Aroclor-1232	33.0	410 U	420 U	410 U	410 U	820 U	370 U	48 U
Aroclor-1242	33.0	410 U	420 U	410 U	410 U	820 U	370 U	48 U
Aroclor-1248	33.0	410 U	420 U	410 U	410 U	820 U	370 U	48 U
Aroclor-1254	33.0	3700	4600	3600	4500	4500	3200	650
Aroclor-1260	33.0	410 U	420 U	410 U	410 U	820 U	370 U	48 U

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample ID #		SNS3	SND1	SND2	SSS1	SSS2	SSD1	SSD2
Lab ID #	Method	27149	27150	27151	27152	27153	27154	27155
Percent Moisture	Detection	25%	43%	40%	42%	39%	54%	55%
Dilution Factor	Limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Aroclor-1016	33.0	44 U	58 U	56 U	57 U	55 U	72 UJ	74 UJ
Aroclor-1221	67.0	89 U	120 U	110 U	110 U	110 U	140 UJ	150 UJ
Aroclor-1232	33.0	44 U	58 U	56 U	57 U	55 U	72 UJ	74 UJ
Aroclor-1242	33.0	44 U	58 U	56 U	57 U	55 U	72 UJ	74 UJ
Aroclor-1248	33.0	44 U	58 U	56 U	57 U	55 U	72 UJ	74 UJ
Aroclor-1254	33.0	470	320	580	720	420	320 J	420 J
Aroclor-1260	33.0	44 U	58 U	56 U	57 U	55 U	72 UJ	74 UJ

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	
Sample ID #		TNS1	TNS2	TND1	PSD2	PND1	PND2	
Lab ID #	Method	27156	27157	27158	27159	27160	27161	
Percent Moisture	Detection	20%	23%	15%	48%	51%	60%	
Dilution Factor*	Limit	10.0	10.0	20.0	1.0	1.0	1.0	
Aroclor-1016	33.0	420 U	430 U	780 U	64 U	68 UJ	83 UJ	
Aroclor-1221	67.0	830 U	870 U	1600 U	130 U	140 UJ	170 UJ	
Aroclor-1232	33.0	420 U	430 U	780 U	64 U	68 UJ	83 UJ	
Aroclor-1242	33.0	420 U	430 U	780 U	64 U	68 UJ	83 UJ	
Aroclor-1248	33.0	420 U	430 U	780 U	64 U	68 UJ	83 UJ	
Aroclor-1254	33.0	1900	2100	2100	1300	68 UJ	87 J	
Aroclor-1260	33.0	420 U	430 U	780 U	64 U	68 UJ	83 UJ	

U - Non-detected compound.
B - Detected in the corresponding method blank.
J - Estimated value.
JN - Presumptive evidence of a compound at an estimated value.
R - Rejected compound.

PCB DATA TABLE

PROJECT: Cornel-Dubilier **SAMPLING DATE: September 03, 1997**
START PM: Mike Mahnkopf

Sample # /Concentration (ug/Kg) ChemTech Project # 5028CLP

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample ID #		PNS1	PNS2	QNS1	QND1	QNS3	QND2	QNS2
Lab ID #	Method	27162	27163	27164	27165	27166	27167	27168
Percent Moisture	Detection	37%	30%	12%	8%	14%	8%	12%
Dilution Factor	Limit	1.0	1.0	1.0	1.0	1.0	1.0	10.0
Aroclor-1016	33.0	53 U	48 U	38 U	36 U	39 U	36 U	380 U
Aroclor-1221	67.0	110 U	95 U	76 U	72 U	78 U	72 U	760 U
Aroclor-1232	33.0	53 U	48 U	38 U	36 U	39 U	36 U	380 U
Aroclor-1242	33.0	53 U	48 U	38 U	36 U	39 U	36 U	380 U
Aroclor-1248	33.0	53 U	48 U	38 U	36 U	39 U	36 U	380 U
Aroclor-1254	33.0	200	340	310	530	220	540	1000
Aroclor-1260	33.0	53 U	48 U	38 U	36 U	39 U	36 U	380 U

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample ID #		QSS1	ONS2	ONS3	OND1	OND2	OSS1	OSS2
Lab ID #	Method	27169	27170	27171	27172	27173	27174	27175
Percent Moisture	Detection	46%	19%	31%	47%	53%	28%	31%
Dilution Factor	Limit	1.0	1.0	1.0	1.0	1.0	100.0	50.0
Aroclor-1016	33.0	62 U	41 U	48 U	63 U	71 UJ	4600 U	2400 U
Aroclor-1221	67.0	120 U	82 U	97 U	130 U	140 UJ	9300 U	4800 U
Aroclor-1232	33.0	62 U	41 U	48 U	63 U	71 UJ	4600 U	2400 U
Aroclor-1242	33.0	62 U	41 U	48 U	63 U	71 UJ	4600 U	2400 U
Aroclor-1248	33.0	62 U	41 U	48 U	63 U	71 UJ	4600 U	2400 U
Aroclor-1254	33.0	900	440	140	190	180 J	16000	6500
Aroclor-1260	33.0	62 U	41 U	48 U	63 U	71 UJ	4600 U	2400 U

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	
Sample ID #		OSD1	OSD2	PSS1	PSS2	PSD1	DRD1	
Lab ID #	Method	27176	27177	27178	27179	27180	27181	
Percent Moisture	Detection	23%	31%	19%	30%	26%	49%	
Dilution Factor	Limit	10.0	100.0	20.0	10.0	50.0	1.0	
Aroclor-1016	33.0	430 U	480 U	820 U	48 U	2300 U	65 U	
Aroclor-1221	67.0	870 U	970 U	1600 U	95 U	4500 U	130 U	
Aroclor-1232	33.0	430 U	480 U	820 U	48 U	2300 U	65 U	
Aroclor-1242	33.0	430 U	480 U	820 U	48 U	2300 U	65 U	
Aroclor-1248	33.0	430 U	480 U	820 U	48 U	2300 U	65 U	
Aroclor-1254	33.0	1800	13000	3600	1100	13000	400	
Aroclor-1260	33.0	430 U	480 U	820 U	48 U	2300 U	65 U	

U - Non-detected compound.
B - Detected in the corresponding method blank.
J - Estimated value.
JN - Presumptive evidence of a compound at an estimated value.
R - Rejected compound.

PCB DATA TABLE

PROJECT: Cornel-Dubilier **SAMPLING DATE: September 03, 1997**
START PM: Mike Mahnkopf

Sample # /Concentration (ug/Kg) ChemTech Project # 5029CLP

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample ID #		DRD2	DRD3	NND1	NND2	NNS1	NNS2	NSS1
Lab ID #	Method	27184	27185	27186	27187	27188	27189	27190
Percent Moisture	Detection	45%	21%	26%	20%	30%	16%	12%
Dilution Factor	Limit	1.0	1.0	1.0	10.0	10.0	10.0	20.0
Aroclor-1016	33.0	61 U	42 U	45 U	420 U	480 U	400 U	760 U
Aroclor-1221	67.0	120 U	84 U	90 U	830 U	950 U	790 U	1500 U
Aroclor-1232	33.0	61 U	42 U	45 U	420 U	480 U	400 U	760 U
Aroclor-1242	33.0	61 U	42 U	45 U	420 U	480 U	400 U	760 U
Aroclor-1248	33.0	61 U	42 U	45 U	420 U	480 U	400 U	760 U
Aroclor-1254	33.0	640	42 U	620	5500	5500	5300	6000
Aroclor-1260	33.0	61 U	42 U	45 U	420 U	480 U	400 U	760 U

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample ID #		NSS2	NSD2	ONS1	USS2	USD1	USD2	VNS1
Lab ID #	Method	27191	27192	27193	27196	27197	27198	27199
Percent Moisture	Detection	23%	52%	31%	16%	8%	10%	15%
Dilution Factor	Limit	50.0	10.0	1.0	10.0	1.0	1.0	10.0
Aroclor-1016	33.0	2200 U	690 UJ	48 U	400 U	36 U	37 U	390 U
Aroclor-1221	67.0	4300 U	1400 UJ	97 U	790 U	72 U	74 U	780 U
Aroclor-1232	33.0	2200 U	690 UJ	48 U	400 U	36 U	37 U	390 U
Aroclor-1242	33.0	2200 U	690 UJ	48 U	400 U	36 U	37 U	390 U
Aroclor-1248	33.0	2200 U	690 UJ	48 U	400 U	36 U	37 U	390 U
Aroclor-1254	33.0	17000	2600 J	260	3100	260	320	8100
Aroclor-1260	33.0	2200 U	690 UJ	48 U	400 U	36 U	37 U	390 U

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	
Sample ID #		VNS2	VND1	VND2	VSS1	VSS2	VSD1	
Lab ID #	Method	27200	27201	27202	27203	27204	27205	
Percent Moisture	Detection	16%	37%	10%	20%	23%	47%	
Dilution Factor	Limit	1.0	1.0	10.0	10.0	1.0	10.0	
Aroclor-1016	33.0	40 U	53 U	370 U	420 U	43 U	630 U	
Aroclor-1221	67.0	79 U	110 U	740 U	830 U	87 U	1300 U	
Aroclor-1232	33.0	40 U	53 U	370 U	420 U	43 U	630 U	
Aroclor-1242	33.0	40 U	53 U	370 U	420 U	43 U	630 U	
Aroclor-1248	33.0	40 U	53 U	370 U	420 U	43 U	630 U	
Aroclor-1254	33.0	640	470	3100	4300	880	1800	
Aroclor-1260	33.0	40 U	53 U	370 U	420 U	43 U	630 U	

U - Non-detected compound.
B - Detected in the corresponding method blank.
J - Estimated value.
JN - Presumptive evidence of a compound at an estimated value.
R - Rejected compound.

PCB DATA TABLE

PROJECT: Cornel-Dubilier **SAMPLING DATE: September 03, 1997**
START PM: Mike Mahnkopf

Sample # /Concentration (ug/Kg) ChemTech Project # 5030CLP

Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample ID #		VSD2	WNS1	WNS2	WNS3	WND1	WND2	WSS1
Lab ID #	Method	27206	27207	27210	27211	27212	27213	27214
Percent Moisture	Detection	21%	19%	15%	17%	17%	9%	14%
Dilution Factor	Limit	1.0	20.0	20.0	20.0	1.0	20.0	20.0
Aroclor-1016	33.0	42 U	820 U	780 U	800 U	40 U	730 U	780 U
Aroclor-1221	67.0	84 U	1600 U	1600 U	1600 U	80 U	1500 U	1600 U
Aroclor-1232	33.0	42 U	820 U	780 U	800 U	40 U	730 U	780 U
Aroclor-1242	33.0	42 U	820 U	780 U	800 U	40 U	730 U	780 U
Aroclor-1248	33.0	42 U	820 U	780 U	800 U	40 U	730 U	780 U
Aroclor-1254	33.0	400	7100	5800	5600	40 U	5300	4600
Aroclor-1260	33.0	42 U	820 U	780 U	800 U	40 U	730 U	780 U

Conc. (ug/L)

Matrix		Soil	Soil	Soil	Soil			Water
Sample ID #		WSS2	WSD1	WSD2	OCS			RB-4
Lab ID #	Method	27215	27216	27217	27218			27219
Percent Moisture	Detection	19%	27%	8%	56%			-
Dilution Factor	Limit	100.0	100.0	1.0	1.0			1.0
Aroclor-1016	33.0	4100 U	4600 U	36 U	76 UJ			1.0 U
Aroclor-1221	67.0	8200 U	9100 U	72 U	150 UJ			2.0 U
Aroclor-1232	33.0	4100 U	4600 U	36 U	76 UJ			1.0 U
Aroclor-1242	33.0	4100 U	4600 U	36 U	76 UJ			1.0 U
Aroclor-1248	33.0	4100 U	4600 U	36 U	76 UJ			1.0 U
Aroclor-1254	33.0	4400	8600	120	180 J			1.0 U
Aroclor-1260	33.0	4100 U	4600 U	36 U	76 UJ			1.0 U

Matrix								
Sample ID #								
Lab ID #	Method							
Percent Moisture	Detection							
Dilution Factor	Limit							
Aroclor-1016	33.0							
Aroclor-1221	67.0							
Aroclor-1232	33.0							
Aroclor-1242	33.0							
Aroclor-1248	33.0							
Aroclor-1254	33.0							
Aroclor-1260	33.0							

U - Non-detected compound.
B - Detected in the corresponding method blank.
J - Estimated value.
JN - Presumptive evidence of a compound at an estimated value.
R - Rejected compound.

CHEMTECH

CASE NARRATIVE

RECEIVED
SEP - 2 1997

WESTON
RFP 2090
PO # 83814
Chemtech # 4862CLP

A. Number of Samples and Date of Sample Receipt:
22 Soil samples were delivered to the laboratory intact on 8/14/97.

B. Parameters:
Test requested on the Chain of Custody were PCBs.

C. Analytical Techniques:
The analysis of PCBs is based on SW 846 Method 8080.

D. QA/ QC Samples
The Surrogate Recoveries for each sample are found in Form II-F. Initial Calibration of Single Component Analytes results are found on Form 6 D & E. Initial Calibration of Multicomponent Analytes is found on Form 6 F. The Analyte Resolution Summary is on Form 6G and the Calibration Verification Summaries are on Form 7D & E. Method Blank Summaries are located on Form IV-C. The Matrix Spike and Matrix Spike Duplicate were analyzed and are reported on Form 3F.

Surrogate recoveries met QC requirements except for sample SWANS3 and SWBNS2. MS/ MSD recoveries and RPDs met requirements. Calibrations met requirements. Surrogate Retention Times met requirements except for sample SWBNS2. Blank analyses did not indicate the presence of contamination.

I certify that the data package is in compliance with the terms and conditions of the contract both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.

Signature _____ NAME Divyajit Mehta _____

Date 8/29/97 Title Laboratory Director

CHEMTECH

LABORATORY REPORT

RECEIVED
-2 1997

COVER PAGE

Lab Name: Chemtech Consulting Group Client: ROY F. WESTON, INC.
Lab Code: CHEM Project No.: 4862CLP Project Name: RFP 2090

Client Sample No.	Lab Sample ID
SWANS2	25964
SWANS1	25965
SWANS1 MS	25966
SWANS1 MSD	25967
SWASEDS	25968
SWASEDD	25969
SWASS1	25970
SWASS2	25971
SWASD1	25972
SWASD2	25973
SWANS3	25974
SWBNS2	25975
SWBND2	25976
SWCSED(S)	25977
SWCSED(D)	25978
SWCSS1	25979
SWCSD1	25980
SWCSS2	25981
SWCSD2	25982
SWDSS3	25983
SWDNS1	25984
SWDND1	25985

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designed, as verified by the following signature.

Signature: _____ Name: DIVYA MEHTA

Date : 8/29/97 Title: LAB DIRECTOR

000002

110 Route 4
Englewood, New Jersey 07631
Phone: (201) 567-6868 Fax: (201) 567-1333

512 Route 9
Forked River, New Jersey 08731
Phone: (609) 693-2111 Fax: (609) 971-9300

NYSDOH Certification No. 10624
NJDEP Certification No. 02548

NJDEP Certification No. 15004

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWANS2

Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4862CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 25964

Sample wt/vol: 30 (g/mL) g Lab File ID: 016F0101'A'

% Moisture: 35 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/16/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	51	U
11104-28-2	Aroclor-1221	101	U
11141-16-5	Aroclor-1232	51	U
53469-21-9	Aroclor-1242	51	U
12672-29-6	Aroclor-1248	51	U
11097-69-1	Aroclor-1254	83	
11096-82-5	Aroclor-1260	51	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWANS1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4862CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 25965

Sample wt/vol: 30 (g/mL) g Lab File ID: 018F0101'A'

% Moisture: 14 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/16/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	77	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	39	U
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	79	
11096-82-5	Aroclor-1260	39	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWASEDS

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4862CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 25968

Sample wt/vol: 30 (g/mL) g Lab File ID: 020F0101'B'

% Moisture: 33 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/16/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	50	U
11104-28-2	Aroclor-1221	101	U
11141-16-5	Aroclor-1232	50	U
53469-21-9	Aroclor-1242	50	U
12672-29-6	Aroclor-1248	50	U
11097-69-1	Aroclor-1254	50	U
11096-82-5	Aroclor-1260	50	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWASEDD

Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4862CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 25969

Sample wt/vol: 30 (g/mL) g Lab File ID: 022F0101'B'

% Moisture: 21 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/16/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	42	U
11104-28-2	Aroclor-1221	84	U
11141-16-5	Aroclor-1232	42	U
53469-21-9	Aroclor-1242	42	U
12672-29-6	Aroclor-1248	42	U
11097-69-1	Aroclor-1254	42	U
11096-82-5	Aroclor-1260	42	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWASS1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4862CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 25970

Sample wt/vol: 30 (g/mL) g Lab File ID: 025F0101'B'

% Moisture: 9 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/16/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	36	U
11104-28-2	Aroclor-1221	73	U
11141-16-5	Aroclor-1232	36	U
53469-21-9	Aroclor-1242	36	U
12672-29-6	Aroclor-1248	36	U
11097-69-1	Aroclor-1254	66	
11096-82-5	Aroclor-1260	36	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWASS2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4862CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 25971

Sample wt/vol: 30 (g/mL) g Lab File ID: 026F0101'B'

% Moisture: 10 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/16/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	74	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	69	
11096-82-5	Aroclor-1260	37	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWASD1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4862CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 25972

Sample wt/vol: 30 (g/mL) g Lab File ID: 027F0101'B'

% Moisture: 30 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/16/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	47	U
11104-28-2	Aroclor-1221	95	U
11141-16-5	Aroclor-1232	47	U
53469-21-9	Aroclor-1242	47	U
12672-29-6	Aroclor-1248	47	U
11097-69-1	Aroclor-1254	140	
11096-82-5	Aroclor-1260	47	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWASD2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4862CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 25973

Sample wt/vol: 30 (g/mL) g Lab File ID: 028F0101'B'

% Moisture: 21 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/16/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	42	U
11104-28-2	Aroclor-1221	94	U
11141-16-5	Aroclor-1232	42	U
53469-21-9	Aroclor-1242	42	U
12672-29-6	Aroclor-1248	42	U
11097-69-1	Aroclor-1254	170 ~~168~~	
11096-82-5	Aroclor-1260	42	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWANS3

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4862CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 25974

Sample wt/vol: 30 (g/mL) g Lab File ID: 019F0101'B'

% Moisture: 19 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/16/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	82	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	41	U
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	95	
11096-82-5	Aroclor-1260	41	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWBNS2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4862CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 25975

Sample wt/vol: 30 (g/mL) g Lab File ID: 031F0101'B'

% Moisture: 3 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/16/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	34	U
11104-28-2	Aroclor-1221	68	U
11141-16-5	Aroclor-1232	34	U
53469-21-9	Aroclor-1242	34	U
12672-29-6	Aroclor-1248	34	U
11097-69-1	Aroclor-1254	49	
11096-82-5	Aroclor-1260	34	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWBND2

Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4862CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 25976

Sample wt/vol: 30 (g/mL) g Lab File ID: 035F0101'B'

% Moisture: 9 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/16/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	73	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	37	U
11096-82-5	Aroclor-1260	37	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWCSED(S)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4862CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 25977

Sample wt/vol: 30 (g/mL) g Lab File ID: 036F0101'B'

% Moisture: 21 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/16/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	42	U
11104-28-2	Aroclor-1221	84	U
11141-16-5	Aroclor-1232	42	U
53469-21-9	Aroclor-1242	42	U
12672-29-6	Aroclor-1248	42	U
11097-69-1	Aroclor-1254	54	
11096-82-5	Aroclor-1260	42	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWCSED(D)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4863CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 25978

Sample wt/vol: 30 (g/mL) g Lab File ID: 037F0101'A'

% Moisture: 17 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/16/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	77	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	39	U
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	39 ~~136~~	U
11096-82-5	Aroclor-1260	39	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWCSS1

Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4862CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 25979

Sample wt/vol: 30 (g/mL) g Lab File ID: 038F0101'B'

% Moisture: 8 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/16/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	36	U
11104-28-2	Aroclor-1221	73	U
11141-16-5	Aroclor-1232	36	U
53469-21-9	Aroclor-1242	36	U
[illegible]72-29-6	Aroclor-1248	36	U
[illegible]097-69-1	Aroclor-1254	51	
11096-82-5	Aroclor-1260	36	U

FORM I PEST

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BR 5/25/97

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWCSD1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4862CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 25980

Sample wt/vol: 30 (g/mL) g Lab File ID: 039F0101'B'

Moisture: 12 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/17/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	76	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWCSS2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4862CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 25981

Sample wt/vol: 30 (g/mL) g Lab File ID: 040F0101'B'

% Moisture: 9 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/17/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	36	U
11104-28-2	Aroclor-1221	73	U
11141-16-5	Aroclor-1232	36	U
53469-21-9	Aroclor-1242	36	U
12672-29-6	Aroclor-1248	36	U
11097-69-1	Aroclor-1254	36	U
11096-82-5	Aroclor-1260	36	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWCSD2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4862CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 25982

Sample wt/vol: 30 (g/mL) g Lab File ID: 043F0101'B'

% Moisture: 9 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/17/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	36	U
11104-28-2	Aroclor-1221	73	U
11141-16-5	Aroclor-1232	36	U
53469-21-9	Aroclor-1242	36	U
12672-29-6	Aroclor-1248	36	U
11097-69-1	Aroclor-1254	36	U
11096-82-5	Aroclor-1260	36	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWDSS3

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4862CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 25983

Sample wt/vol: 30 (g/mL) g Lab File ID: 044F0101'B'

% Moisture: 10 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/17/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	35	U J
11104-28-2	Aroclor-1221	71	U
11141-16-5	Aroclor-1232	35	U
53469-21-9	Aroclor-1242	35	U
12672-29-6	Aroclor-1248	35	U
11097-69-1	Aroclor-1254	35	U
11096-82-5	Aroclor-1260	35	U J

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWDNS1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4862CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 25984

Sample wt/vol: 30 (g/mL) g Lab File ID: 044F0101'B'

% Moisture: 15 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/17/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	78	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	39	U
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	160 ~~155~~	
11096-82-5	Aroclor-1260	39	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWDND1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4862CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 25985

Sample wt/vol: 30 (g/mL) g Lab File ID: 046F0101'B'

% Moisture: 12 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/17/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	76	U
11141-16-5	Aroclor-1232	38	U
[illegible]469-21-9	Aroclor-1242	38	U
[illegible]672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

FORM I PEST

CHEMTECH

CASE NARRATIVE

RECEIVED
SEP - 2 1997

WESTON
RFP 2090
PO # 83814
Chemtech # 4863CLP

A. Number of Samples and Date of Sample Receipt:
25 Soil/ sediment samples were delivered to the laboratory intact on 8/14/97. 9 of these were assigned to Project No. 4682CLP. 22 Soil/ sediment samples were delivered intact on 8/15/97. 18 of these samples were assigned to Project 4876CLP.

B. Parameters:
Tests requested on the Chain of Custody were PCBs.

C. Analytical Techniques:
The analysis of PCBs is based on SW 846 Method 8080.

D. QA/ QC Samples
The Surrogate Recoveries for each sample are found in Form II-F. Initial Calibration of Single Component Analytes results are found on Form 6 D & E. Initial Calibration of Multicomponent Analytes is found on Form 6 F. The Analyte Resolution Summary is on Form 6G and the Calibration Verification Summaries are on Form 7D & E. Method Blank Summaries are located on Form IV-C. The Matrix Spike and Matrix Spike Duplicate were analyzed and are reported on Form 3F.

Surrogate recoveries met QC requirements as did the MS/ MSDs and RPDs. Calibrations met requirements. Surrogate Retention Times met requirements. Florisil Cartridge Check and GPC Calibration spike recoveries met requirements. Blank analyses did not indicate the presence of contamination.

I certify that the data package is in compliance with the terms and conditions of the contract both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.

Signature _____ NAME Divyajit Mehta

Date 8/28/97 Title Laboratory Director

CHEMTECH

DATA REPORTING QUALIFIERS--ORGANIC

For reporting results, the following "Results Qualifiers" are used:

VALUE - If the result is a value greater than or equal to the detection limit, report the value.

U - Indicates the compound was analyzed for, but was not detected. Report the minimum detection limit for the sample with the U, "10U". This is not necessarily the instrument detection limit. The figure represents the minimum detection limit attainable for this particular sample based on any concentration or dilution that may have been required.

J - Indicates an estimated value. This flag is used:

1) When estimating a concentration for tentatively identified compound (library search hits, where a 1:1 response is assumed.)
2) When the mass spectral data indicated the identification criteria, however, the result was less than the specified detection limit but greater than zero. If the detection limit was 10 ug/L and a concentration of 3 ug/L was calculated, report as "3J".

B - Indicates the analyte was found in the blank as well as the sample; report as "12B".

E - Indicates the analyte's concentration exceeds the calibrated range of the GC/MS instrument for that specific analysis.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor.

P- This flag is used for a Pesticide/Aroclor target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of gthe two values is reported on Form I and flagged with a "P".

N- This flag indicates presumptive evidence of a compound. This flag is only used fore tentatively identified compounds (TICs), where the identification is basdd on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWDSS1

Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4863CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 25986

Sample wt/vol: 30 (g/mL) g Lab File ID: 033F0101'B'

% Moisture: 14 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/16/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	39	U J
11104-28-2	Aroclor-1221	77	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	39	U
672-29-6	Aroclor-1248	39	U
1097-69-1	Aroclor-1254	140 ~~136~~	
11096-82-5	Aroclor-1260	39	U J

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWDSD1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4863CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 25989

Sample wt/vol: 30 (g/mL) g Lab File ID: 034F0101

% Moisture: 23 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/16/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	43	U
11104-28-2	Aroclor-1221	86	U
11141-16-5	Aroclor-1232	43	U
53469-21-9	Aroclor-1242	43	U
672-29-6	Aroclor-1248	43	U
11097-69-1	Aroclor-1254	43	U
11096-82-5	Aroclor-1260	43	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWDSED(S)

Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4863CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 25990

Sample wt/vol: 30 (g/mL) g Lab File ID: 035F0101

% Moisture: 15 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/16/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	78	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	39	U
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	39	U
11096-82-5	Aroclor-1260	39	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWDSED(D)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4863CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 25991

Sample wt/vol: 30 (g/mL) g Lab File ID: 036F0101

% Moisture: 19 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/16/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	82	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	41	U
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	52	
11096-82-5	Aroclor-1260	41	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWBNS1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4863CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 25992

Sample wt/vol: 30 (g/mL) g Lab File ID: 037F0101

% Moisture: 5 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/16/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	35	U
11104-28-2	Aroclor-1221	70	U
11141-16-5	Aroclor-1232	35	U
53469-21-9	Aroclor-1242	35	U
12672-29-6	Aroclor-1248	35	U
11097-69-1	Aroclor-1254	51	
11096-82-5	Aroclor-1260	35	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWBND1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4863CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 25993

Sample wt/vol: 30 (g/mL) g Lab File ID: 038F0101

% Moisture: 19 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/16/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	82	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	41	U
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	41	U
11096-82-5	Aroclor-1260	41	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWBSEDS

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4863CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 25994

Sample wt/vol: 30 (g/mL) g Lab File ID: 042F0101

% Moisture: 25 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/17/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	44	U
11104-28-2	Aroclor-1221	88	U
11141-16-5	Aroclor-1232	44	U
53469-21-9	Aroclor-1242	44	U
12672-29-6	Aroclor-1248	44	U
11097-69-1	Aroclor-1254	120 ~~115~~	
11096-82-5	Aroclor-1260	44	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWBSEDD

Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4863CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 25995

Sample wt/vol: 30 (g/mL) g Lab File ID: 043F0101

% Moisture: 23 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/17/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	43	U
11104-28-2	Aroclor-1221	86	U
11141-16-5	Aroclor-1232	43	U
53469-21-9	Aroclor-1242	43	U
12672-29-6	Aroclor-1248	43	U
[illegible]97-69-1	Aroclor-1254	47	
11096-82-5	Aroclor-1260	43	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWBSS1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4863CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 25996

Sample wt/vol: 30 (g/mL) g Lab File ID: 044F0101

% Moisture: 15 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/17/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	79	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	39	U
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	39	U
11096-82-5	Aroclor-1260	39	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWBSS2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4863CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 25997

Sample wt/vol: 30 (g/mL) g Lab File ID: 045F0101

% Moisture: 10 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/17/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	74	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	91	
11096-82-5	Aroclor-1260	37	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWBSD2

Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4863CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 25998

Sample wt/vol: 30 (g/mL) g Lab File ID: 046F0101

% Moisture: 23 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/17/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	43	U
11104-28-2	Aroclor-1221	87	U
11141-16-5	Aroclor-1232	43	U
53469-21-9	Aroclor-1242	43	U
12672-29-6	Aroclor-1248	43	U
[illegible]97-69-1	Aroclor-1254	43	U
11096-82-5	Aroclor-1260	43	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWCNS2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4863CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 25999

Sample wt/vol: 30 (g/mL) g Lab File ID: 047F0101

% Moisture: 18 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/17/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	81	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	41	U
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	200 ~~201~~	
11096-82-5	Aroclor-1260	41	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWCND2

Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4863CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26000

Sample wt/vol: 30 (g/mL) g Lab File ID: 048F0101

% Moisture: 15 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/17/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	78	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	39	U
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	110 ~~114~~	
11096-82-5	Aroclor-1260	39	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWCND1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4863CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26002

Sample wt/vol: 30 (g/mL) g Lab File ID: 052F0101

% Moisture: 11 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/17/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	75	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

FORM I PEST

PCB ORGANICS 1D ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWCNS1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4863CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26001

Sample wt/vol: 30 (g/mL) g Lab File ID: 049F0101

% Moisture: 12 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/17/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	75	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	96	
11096-82-5	Aroclor-1260	38	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB-1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4863CLP SAS No.: SDG No.:

Matrix: WATER Lab Sample ID: 26003

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 053F0101

% Moisture: 100 decanted: (Y/N) N Date Received: 08/14/97

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/17/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/L	Q
12674-11-2	Aroclor-1016	1	U
11104-28-2	Aroclor-1221	2	U
11141-16-5	Aroclor-1232	1	U
53469-21-9	Aroclor-1242	1	U
12672-29-6	Aroclor-1248	1	U
11097-69-1	Aroclor-1254	1	U
11096-82-5	Aroclor-1260	1	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ISED(S)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4863CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26144

Sample wt/vol: 30 (g/mL) g Lab File ID: 054F0101

% Moisture: 15 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/17/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	78	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	39	U
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	39	U
11096-82-5	Aroclor-1260	39	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

INS1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4863CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26145

Sample wt/vol: 30 (g/mL) g Lab File ID: 055F0101

% Moisture: 28 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/17/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	46	U
11104-28-2	Aroclor-1221	93	U
11141-16-5	Aroclor-1232	46	U
53469-21-9	Aroclor-1242	46	U
12672-29-6	Aroclor-1248	46	U
11097-69-1	Aroclor-1254	46	U
11096-82-5	Aroclor-1260	46	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

JSED(D)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4863CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26146

Sample wt/vol: 30 (g/mL) g Lab File ID: 056F0101

% Moisture: 21 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/17/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	42	U
11104-28-2	Aroclor-1221	84	U
11141-16-5	Aroclor-1232	42	U
53469-21-9	Aroclor-1242	42	U
12672-29-6	Aroclor-1248	42	U
11097-69-1	Aroclor-1254	42	U
11096-82-5	Aroclor-1260	42	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

JSS1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4863CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26147

Sample wt/vol: 30 (g/mL) g Lab File ID: 057F0101

% Moisture: 63 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/15/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/17/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	89	U J
11104-28-2	Aroclor-1221	177	U
11141-16-5	Aroclor-1232	89	U
53469-21-9	Aroclor-1242	89	U
12672-29-6	Aroclor-1248	89	U
11097-69-1	Aroclor-1254	89	U
11096-82-5	Aroclor-1260	89	U

FORM I PEST

CHEMTECH

CASE NARRATIVE

RECEIVED
- 9 1997

WESTON
RFP 2090
PO # 83814
Chemtech # 4875CLP

A. Number of Samples and Date of Sample Receipt:
22 Soil samples were delivered to the laboratory intact on 8/15/97. Two samples were assigned to Project # 4863CLP.

B. Parameters:
Tests requested on the Chain of Custody were PCBs.

C. Analytical Techniques:
The analysis of PCBs is based on SW 846 Method 8080.

D. QA/ QC Samples
The Surrogate Recoveries for each sample are found in Form II-F. Initial Calibration of Single Component Analytes results are found on Form 6 D & E. Initial Calibration of Multicomponent Analytes is found on Form 6 F. The Analyte Resolution Summary is on Form 6G and the Calibration Verification Summaries are on Form 7D & E. Method Blank Summaries are located on Form IV-C. The Matrix Spike and Matrix Spike Duplicate were analyzed and are reported on Form 3F.

Surrogate recoveries met QC requirements except for samples LNS2, LSD2DL and LSS1DL. MS/ MSDs recoveries and RPDs met requirements. Calibrations met requirements. Surrogate Retention Times were within QC limits. Blank analyses did not indicate the presence of contamination.

I certify that the data package is in compliance with the terms and conditions of the contract both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.

Signature _____ NAME Divyajit Mehta _____

Date 9/2/97 Title Laboratory Director

CHEMTECH

LABORATORY REPORT

COVER PAGE

Lab Name: Chemtech Consulting Group Client: ROY F. WESTON, INC.
Lab Code: CHEM Project No.: 4875CLP Project Name: 2090 PO 83814

Client Sample No.	Lab Sample ID
JSD1	26100
JSD2	26101
JSS2	26102
JSED(S)	26103
JND2	26104
JNS3	26105
JNS1	26106
JNS1 MS	26107
JNS1 MSD	26108
JND1	26109
JNS2	26110
KSD2	26111
KSS2	26112
LSED(S)	26113
LSED(D)	26114
LND1	26115
LNS2	26116
LNS1	26117
LSD2	26118
LSD1	26119
LSS1	26120
LSS2	26121

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designed, as verified by the following signature.

Signature: _____ Name: DIVYA MEHTA

Date : 9/2/97 Title: LAB DIRECTOR

000002

110 Route 4
Englewood, New Jersey 07631
Phone: (201) 567-6868 Fax: (201) 567-1333

512 Route 9
Forked River, New Jersey 08731
Phone: (609) 693-2111 Fax: (609) 971-9300

NYSDOH Certification No. 10624
NJDEP Certification No. 02548

NJDEP Certification No. 15004

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

JSD1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4875CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26100

Sample wt/vol: 30 (g/mL) g Lab File ID: 071F0401'C'

% Moisture: 61 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/16/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/17/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	86	U J
11104-28-2	Aroclor-1221	173	U
11141-16-5	Aroclor-1232	86	U
53469-21-9	Aroclor-1242	86	U
672-29-6	Aroclor-1248	86	U
11097-69-1	Aroclor-1254	86	U
11096-82-5	Aroclor-1260	86	U J

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

JSD2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4875CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26101

Sample wt/vol: 30 (g/mL) g Lab File ID: 072F0401'C'

% Moisture: 60 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/16/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/17/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	82	U J
11104-28-2	Aroclor-1221	165	U
11141-16-5	Aroclor-1232	82	U
53469-21-9	Aroclor-1242	82	U
12672-29-6	Aroclor-1248	82	U
11097-69-1	Aroclor-1254	82	U
11096-82-5	Aroclor-1260	82	U J

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

JSS2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4875CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26102

Sample wt/vol: 30 (g/mL) g Lab File ID: 073F0401'C'

% Moisture: 59 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/16/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/17/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	82	U J
11104-28-2	Aroclor-1221	163	U
11141-16-5	Aroclor-1232	82	U
53469-21-9	Aroclor-1242	82	U
12672-29-6	Aroclor-1248	82	U
11097-69-1	Aroclor-1254	82	U
11096-82-5	Aroclor-1260	82	U J

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

JSED(S)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4875CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26103

Sample wt/vol: 30 (g/mL) g Lab File ID: 074F0401'C'

% Moisture: 36 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/16/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/17/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	52	U
11104-28-2	Aroclor-1221	103	U
11141-16-5	Aroclor-1232	52	U
53469-21-9	Aroclor-1242	52	U
12672-29-6	Aroclor-1248	52	U
11097-69-1	Aroclor-1254	52	U
11096-82-5	Aroclor-1260	52	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

JND2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4875CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26104

Sample wt/vol: 30 (g/mL) g Lab File ID: 075F0401'C'

% Moisture: 51 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/16/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/17/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	68	U J
11104-28-2	Aroclor-1221	136	U
11141-16-5	Aroclor-1232	68	U
53469-21-9	Aroclor-1242	68	U
12672-29-6	Aroclor-1248	68	U
11097-69-1	Aroclor-1254	68	U
11096-82-5	Aroclor-1260	68	U J

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

JNS3

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4875CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26105

Sample wt/vol: 30 (g/mL) g Lab File ID: 078F0401'C'

% Moisture: 51 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/16/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/17/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	68	U J
11104-28-2	Aroclor-1221	136	U
11141-16-5	Aroclor-1232	68	U
[illegible]469-21-9	Aroclor-1242	68	U
[illegible]672-29-6	Aroclor-1248	68	U
11097-69-1	Aroclor-1254	68	U
11096-82-5	Aroclor-1260	68	U J

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

JNS1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4875CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26106

Sample wt/vol: 30 (g/mL) g Lab File ID: 079F0401'C'

% Moisture: 50 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/16/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/17/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	67	U
11104-28-2	Aroclor-1221	134	U
11141-16-5	Aroclor-1232	67	U
53469-21-9	Aroclor-1242	67	U
12672-29-6	Aroclor-1248	67	U
11097-69-1	Aroclor-1254	67	U
11096-82-5	Aroclor-1260	67	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

JND1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4875CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26109

Sample wt/vol: 30 (g/mL) g Lab File ID: 080F0401'C'

% Moisture: 54 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/16/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/17/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	73	U J
11104-28-2	Aroclor-1221	146	U
11141-16-5	Aroclor-1232	73	U
[illegible]469-21-9	Aroclor-1242	73	U
[illegible]672-29-6	Aroclor-1248	73	U
11097-69-1	Aroclor-1254	73	U
11096-82-5	Aroclor-1260	73	U J

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

JNS2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4875CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26110

Sample wt/vol: 30 (g/mL) g Lab File ID: 081F0401'C'

% Moisture: 41 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/16/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/17/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	57	U
11104-28-2	Aroclor-1221	113	U
11141-16-5	Aroclor-1232	57	U
53469-21-9	Aroclor-1242	57	U
12672-29-6	Aroclor-1248	57	U
11097-69-1	Aroclor-1254	130 ~~129~~	
11096-82-5	Aroclor-1260	57	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

KSD2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4875CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26111

Sample wt/vol: 30 (g/mL) g Lab File ID: 082F0401'C'

% Moisture: 58 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/16/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/17/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	79	U
11104-28-2	Aroclor-1221	159	U
11141-16-5	Aroclor-1232	79	U
53469-21-9	Aroclor-1242	79	U
12672-29-6	Aroclor-1248	79	U
11097-69-1	Aroclor-1254	79	U
11096-82-5	Aroclor-1260	79	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

KSS2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4875CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26112

Sample wt/vol: 30 (g/mL) g Lab File ID: 083F0401'C'

% Moisture: 51 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/16/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/18/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	68	U J
11104-28-2	Aroclor-1221	135	U
11141-16-5	Aroclor-1232	68	U
53469-21-9	Aroclor-1242	68	U
12672-29-6	Aroclor-1248	68	U
11097-69-1	Aroclor-1254	68	U
11096-82-5	Aroclor-1260	68	U J

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LSED(S)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4875CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26113

Sample wt/vol: 30 (g/mL) g Lab File ID: 084F0401'C'

% Moisture: 19 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/16/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/18/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	82	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	41	U
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	41	U
11096-82-5	Aroclor-1260	41	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LSED(D)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4875CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26114

Sample wt/vol: 30 (g/mL) g Lab File ID: 085F0401'C'

% Moisture: 21 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/16/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/18/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	42	U
11104-28-2	Aroclor-1221	84	U
11141-16-5	Aroclor-1232	42	U
53469-21-9	Aroclor-1242	42	U
12672-29-6	Aroclor-1248	42	U
11097-69-1	Aroclor-1254	42	U
11096-82-5	Aroclor-1260	42	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LND1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4875CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26115

Sample wt/vol: 30 (g/mL) g Lab File ID: 088F0401'C'

% Moisture: 58 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/16/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/18/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	79	U J
11104-28-2	Aroclor-1221	157	U
11141-16-5	Aroclor-1232	79	U
53469-21-9	Aroclor-1242	79	U
672-29-6	Aroclor-1248	79	U
11097-69-1	Aroclor-1254	79	U
11096-82-5	Aroclor-1260	79	U J

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LNS2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4875CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26116

Sample wt/vol: 30 (g/mL) g Lab File ID: 089F0401'C'

% Moisture: 52 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/16/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/18/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	69	U J
11104-28-2	Aroclor-1221	137	U
11141-16-5	Aroclor-1232	69	U
53469-21-9	Aroclor-1242	69	U
12672-29-6	Aroclor-1248	69	U
11097-69-1	Aroclor-1254	69	U
11096-82-5	Aroclor-1260	69	U J

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LNS1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4875CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26117

Sample wt/vol: 30 (g/mL) g Lab File ID: 090F0401'C'

% Moisture: 47 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/16/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/18/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: UG/KG

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	62	U
11104-28-2	Aroclor-1221	125	U
11141-16-5	Aroclor-1232	62	U
53469-21-9	Aroclor-1242	62	U
12672-29-6	Aroclor-1248	62	U
11097-69-1	Aroclor-1254	63 ~~62~~	~~U~~
11096-82-5	Aroclor-1260	62	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LSD2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4875CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26118

Sample wt/vol: 30 (g/mL) g Lab File ID: 046F0501'C'

% Moisture: 52 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/16/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/21/97

Injection Volume: 2 (uL) Dilution Factor: 10

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	694	U J
11104-28-2	Aroclor-1221	1388	U
11141-16-5	Aroclor-1232	694	U
53469-21-9	Aroclor-1242	694	U
12672-29-6	Aroclor-1248	694	U
11097-69-1	Aroclor-1254	1200 ~~3644~~	✓
11096-82-5	Aroclor-1260	694	U J

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LSD1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4875CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26119

Sample wt/vol: 30 (g/mL) g Lab File ID: 092F0401'C'

% Moisture: 57 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/16/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/18/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	77	U
11104-28-2	Aroclor-1221	154	U
11141-16-5	Aroclor-1232	77	U
53469-21-9	Aroclor-1242	77	U
12672-29-6	Aroclor-1248	77	U
11097-69-1	Aroclor-1254	170 ~~167~~	
11096-82-5	Aroclor-1260	77	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LSS1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4875CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26120

Sample wt/vol: 30 (g/mL) g Lab File ID: 047F0501'C'

% Moisture: 48 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/16/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/21/97

Injection Volume: 2 (uL) Dilution Factor: 100

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	6409	U
11104-28-2	Aroclor-1221	12819	U
11141-16-5	Aroclor-1232	6409	U
53469-21-9	Aroclor-1242	6409	U
12672-29-6	Aroclor-1248	6409	U
11097-69-1	Aroclor-1254	3500 ~~17351~~	
11096-82-5	Aroclor-1260	6409	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LSS2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4875CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26121

Sample wt/vol: 30 (g/mL) g Lab File ID: 094F0401'C'

% Moisture: 55 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/16/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/18/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	73	U J
11104-28-2	Aroclor-1221	147	U
11141-16-5	Aroclor-1232	73	U
[illegible]469-21-9	Aroclor-1242	73	U
[illegible]672-29-6	Aroclor-1248	73	U
11097-69-1	Aroclor-1254	530 ~~416~~	
11096-82-5	Aroclor-1260	73	U J

FORM I PEST

CHEMTECH

CASE NARRATIVE

RECEIVED
SEP - 3 1997

WESTON
RFP 2090
PO # 83814
Chemtech # 4876CLP

A. Number of Samples and Date of Sample Receipt:
22 Soil samples were delivered to the laboratory intact on 8/15/97. Two samples were assigned to Project # 4863CLP.

B. Parameters:
Tests requested on the Chain of Custody were PCBs.

C. Analytical Techniques:
The analysis of PCBs is based on SW 846 Method 8080.

D. QA/ QC Samples
The Surrogate Recoveries for each sample are found in Form II-F. Initial Calibration of Single Component Analytes results are found on Form 6 D & E. Initial Calibration of Multicomponent Analytes is found on Form 6 F. The Analyte Resolution Summary is on Form 6G and the Calibration Verification Summaries are on Form 7D & E. Method Blank Summaries are located on Form IV-C. The Matrix Spike and Matrix Spike Duplicate were analyzed and are reported on Form 3F.

Surrogate recoveries met QC requirements except for samples KND2, and KSD1. MS/ MSDs recoveries and RPDs met requirements. Calibrations met requirements. Surrogate Retention Times were within QC limits. Blank analyses did not indicate the presence of contamination.

I certify that the data package is in compliance with the terms and conditions of the contract both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.

Signature _____ NAME Divyajit Mehta _____

Date 9/2/97 Title Laboratory Director

CHEMTECH

LABORATORY REPORT

COVER PAGE

Lab Name: Chemtech Consulting Group Client: ROY F. WESTON, INC.
Lab Code: CHEM Project No.: 4876CLP Project Name: SITE G2

Client Sample No.	Lab Sample ID
FSED(D)	26122
HSED(S)	26123
HSED(D)	26124
ASED(D)	26125
ASED(S)	26126
GSED(S)	26127
GSED(D)	26128
ESED(D)	26129
ESED(S)	26130
CSED(S)	26131
CSED(S) MS	26132
CSED(S) MSD	26133
CSED(S-3)	26134
KNS2	26135
KND2	26136
KSED(S)	26137
KND1	26138
KNS1	26139
KSS1	26140
KSD1	26141
IND2	26142
IND1	26143

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designed, as verified by the following signature.

Signature: _____ Name: DIVYA MEHTA

Date : 9/2/91 Title: LAB DIRECTOR

000002

110 Route 4
Englewood, New Jersey 07631
Phone: (201) 567-6868 Fax: (201) 567-1333

512 Route 9
Forked River, New Jersey 08731
Phone: (609) 693-2111 Fax: (609) 971-9300

NYSDOH Certification No. 10624
NJDEP Certification No. 02548

NJDEP Certification No. 15004

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FSED(D)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4876CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26122

Sample wt/vol: 30 (g/mL) g Lab File ID: 057F0101'A'

% Moisture: 37 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/18/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	53	U
11104-28-2	Aroclor-1221	106	U
11141-16-5	Aroclor-1232	53	U
53469-21-9	Aroclor-1242	53	U
12672-29-6	Aroclor-1248	53	U
11097-69-1	Aroclor-1254	53	U
11096-82-5	Aroclor-1260	53	U

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HSED(S)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4876CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26123

Sample wt/vol: 30 (g/mL) g Lab File ID: 058F0101'A'

% Moisture: 22 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/18/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: UG/KG

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	42	U
11104-28-2	Aroclor-1221	85	U
11141-16-5	Aroclor-1232	42	U
53469-21-9	Aroclor-1242	42	U
12672-29-6	Aroclor-1248	42	U
11097-69-1	Aroclor-1254	42	U
11096-82-5	Aroclor-1260	42	U

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HSED(D)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4876CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26124

Sample wt/vol: 30 (g/mL) g Lab File ID: 059F0101'A'

% Moisture: 22 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/19/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	42	U
11104-28-2	Aroclor-1221	85	U
11141-16-5	Aroclor-1232	42	U
53469-21-9	Aroclor-1242	42	U
12672-29-6	Aroclor-1248	42	U
11097-69-1	Aroclor-1254	42	U
11096-82-5	Aroclor-1260	42	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ASED(D)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4876CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26125

Sample wt/vol: 30 (g/mL) g Lab File ID: 060F0101'A'

% Moisture: 18 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/19/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	49	U
11104-28-2	Aroclor-1221	97	U
11141-16-5	Aroclor-1232	49	U
[illegible]469-21-9	Aroclor-1242	49	U
12672-29-6	Aroclor-1248	49	U
11097-69-1	Aroclor-1254	49	U
11096-82-5	Aroclor-1260	49	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ASED(S)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4876CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26126

Sample wt/vol: 30 (g/mL) g Lab File ID: 063F0101'A'

% Moisture: 21 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/19/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	42	U
11104-28-2	Aroclor-1221	84	U
11141-16-5	Aroclor-1232	42	U
53469-21-9	Aroclor-1242	42	U
12672-29-6	Aroclor-1248	42	U
11097-69-1	Aroclor-1254	42	U
11096-82-5	Aroclor-1260	42	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GSED(S)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4876CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26127

Sample wt/vol: 30 (g/mL) g Lab File ID: 064F0101'A'

% Moisture: 24 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/19/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	44	U
11104-28-2	Aroclor-1221	88	U
11141-16-5	Aroclor-1232	44	U
53469-21-9	Aroclor-1242	44	U
12672-29-6	Aroclor-1248	44	U
11097-69-1	Aroclor-1254	44	U
11096-82-5	Aroclor-1260	44	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GSED(D)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4876CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26128

Sample wt/vol: 30 (g/mL) g Lab File ID: 065F0101'A'

% Moisture: 20 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/19/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	42	U
11104-28-2	Aroclor-1221	83	U
11141-16-5	Aroclor-1232	42	U
[illegible]469-21-9	Aroclor-1242	42	U
[illegible]672-29-6	Aroclor-1248	42	U
11097-69-1	Aroclor-1254	42	U
11096-82-5	Aroclor-1260	42	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ESED(D)

Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4876CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26129

Sample wt/vol: 30 (g/mL) g Lab File ID: 066F0101'A'

% Moisture: 20 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/19/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	42	U
11104-28-2	Aroclor-1221	83	U
11141-16-5	Aroclor-1232	42	U
53469-21-9	Aroclor-1242	42	U
12672-29-6	Aroclor-1248	42	U
11097-69-1	Aroclor-1254	42	U
11096-82-5	Aroclor-1260	42	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ESED(S)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4876CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26130

Sample wt/vol: 30 (g/mL) g Lab File ID: 067F0101'A'

% Moisture: 27 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/19/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	46	U
11104-28-2	Aroclor-1221	91	U
11141-16-5	Aroclor-1232	46	U
[illegible]469-21-9	Aroclor-1242	46	U
[illegible]672-29-6	Aroclor-1248	46	U
11097-69-1	Aroclor-1254	46	U
11096-82-5	Aroclor-1260	46	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CSED(S)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4876CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26131

Sample wt/vol: 30 (g/mL) g Lab File ID: 068F0101'A'

% Moisture: 17 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/19/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	40	U
11104-28-2	Aroclor-1221	80	U
11141-16-5	Aroclor-1232	40	U
[illegible]469-21-9	Aroclor-1242	40	U
[illegible]672-29-6	Aroclor-1248	40	U
11097-69-1	Aroclor-1254	40	U
11096-82-5	Aroclor-1260	40	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CSED(S-3)

Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4876CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26134

Sample wt/vol: 30 (g/mL) g Lab File ID: 072F0101'A'

% Moisture: 36 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/19/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	52	U
11104-28-2	Aroclor-1221	104	U
11141-16-5	Aroclor-1232	52	U
53469-21-9	Aroclor-1242	52	U
[illegible]72-29-6	Aroclor-1248	52	U
11097-69-1	Aroclor-1254	52	U
11096-82-5	Aroclor-1260	52	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

KNS2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4876CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26135

Sample wt/vol: 30 (g/mL) g Lab File ID: 073F0101'A'

% Moisture: 25 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/19/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	44	U
11104-28-2	Aroclor-1221	89	U
11141-16-5	Aroclor-1232	44	U
53469-21-9	Aroclor-1242	44	U
12672-29-6	Aroclor-1248	44	U
11097-69-1	Aroclor-1254	82	
11096-82-5	Aroclor-1260	44	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

KND2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4876CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26136

Sample wt/vol: 30 (g/mL) g Lab File ID: 074F0101'A'

% Moisture: 46 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/19/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	62	U
11104-28-2	Aroclor-1221	123	U
11141-16-5	Aroclor-1232	62	U
53469-21-9	Aroclor-1242	62	U
12672-29-6	Aroclor-1248	62	U
11097-69-1	Aroclor-1254	280 ~~279~~	
11096-82-5	Aroclor-1260	62	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

KSED(S)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4876CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26137

Sample wt/vol: 30 (g/mL) g Lab File ID: 075F0101'A'

% Moisture: 22 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/19/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	~~43~~ 42	U
11104-28-2	Aroclor-1221	85	U
11141-16-5	Aroclor-1232	42	U
53469-21-9	Aroclor-1242	42	U
12672-29-6	Aroclor-1248	42	U
11097-69-1	Aroclor-1254	42	U
11096-82-5	Aroclor-1260	42	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

KND1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4876CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26138

Sample wt/vol: 30 (g/mL) g Lab File ID: 076F0101'A'

% Moisture: 26 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/19/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	45	U
11104-28-2	Aroclor-1221	90	U
11141-16-5	Aroclor-1232	45	U
53469-21-9	Aroclor-1242	45	U
12672-29-6	Aroclor-1248	45	U
11097-69-1	Aroclor-1254	45	U
11096-82-5	Aroclor-1260	45	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

KNS1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4876CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26139

Sample wt/vol: 30 (g/mL) g Lab File ID: 077F0101'A'

% Moisture: 62 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/19/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	88	U J
11104-28-2	Aroclor-1221	175	U
11141-16-5	Aroclor-1232	88	U
53469-21-9	Aroclor-1242	88	U
12672-29-6	Aroclor-1248	88	U
11097-69-1	Aroclor-1254	88	U
11096-82-5	Aroclor-1260	88	U J

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

KSS1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4876CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26140

Sample wt/vol: 30 (g/mL) g Lab File ID: 080F0101'A'

% Moisture: 54 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/19/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	72	U J
11104-28-2	Aroclor-1221	145	U
11141-16-5	Aroclor-1232	72	U
[illegible]469-21-9	Aroclor-1242	72	U
[illegible]672-29-6	Aroclor-1248	72	U
11097-69-1	Aroclor-1254	72	U
11096-82-5	Aroclor-1260	72	U J

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

KSD1

Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4876CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26141

Sample wt/vol: 30 (g/mL) g Lab File ID: 081F0101'A'

% Moisture: 56 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/19/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	76	U
11104-28-2	Aroclor-1221	151	U
11141-16-5	Aroclor-1232	76	U
53469-21-9	Aroclor-1242	76	U
12672-29-6	Aroclor-1248	76	U
11097-69-1	Aroclor-1254	76	U
11096-82-5	Aroclor-1260	76	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

IND2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4876CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26142

Sample wt/vol: 30 (g/mL) g Lab File ID: 082F0101'A'

% Moisture: 41 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/20/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: UG/KG

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	56	U
11104-28-2	Aroclor-1221	113	U
11141-16-5	Aroclor-1232	56	U
53469-21-9	Aroclor-1242	56	U
12672-29-6	Aroclor-1248	56	U
11097-69-1	Aroclor-1254	110 ~~109~~	
11096-82-5	Aroclor-1260	56	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

IND1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4876CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26143

Sample wt/vol: 30 (g/mL) g Lab File ID: 083F0101'A'

% Moisture: 41 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/20/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	56	U
11104-28-2	Aroclor-1221	113	U
11141-16-5	Aroclor-1232	56	U
[illegible]469-21-9	Aroclor-1242	56	U
[illegible]672-29-6	Aroclor-1248	56	U
11097-69-1	Aroclor-1254	56	U
11096-82-5	Aroclor-1260	56	U

FORM I PEST

CHEMTECH

CASE NARRATIVE

RECEIVED
- 3 1997

WESTON
RFP 2090
PO # 83814
Chemtech # 4877CLP

A. Number of Samples and Date of Sample Receipt:
22 Soil samples were delivered to the laboratory intact on 8/15/97. Two samples were assigned to Project # 4878CLP.

B. Parameters:
Tests requested on the Chain of Custody were PCBs.

C. Analytical Techniques:
The analysis of PCBs is based on SW 846 Method 8080.

D. QA/ QC Samples
The Surrogate Recoveries for each sample are found in Form II-F. Initial Calibration of Single Component Analytes results are found on Form 6 D & E. Initial Calibration of Multicomponent Analytes is found on Form 6 F. The Analyte Resolution Summary is on Form 6G and the Calibration Verification Summaries are on Form 7D & E. Method Blank Summaries are located on Form IV-C. The Matrix Spike and Matrix Spike Duplicate were analyzed and are reported on Form 3F.

Surrogate recoveries met QC requirements except for samples MNS2DL, MND2DL, MSS3DL, MSD2DL, and MSS1DL. MS/ MSD spike recoveries did not meet requirements. The RPD did meet requirements. Calibrations met requirements. Surrogate Retention Times were within QC limits. Blank analyses did not indicate the presence of contamination.

I certify that the data package is in compliance with the terms and conditions of the contract both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.

Signature _____ NAME Divyajit Mehta _____

Date 9/2/97 Title Laboratory Director

CHEMTECH

LABORATORY REPORT

COVER PAGE

Lab Name: Chemtech Consulting Group Client: ROY F. WESTON, INC.
Lab Code: CHEM Project No.: 4877CLP Project Name: 2090 PO 83814

Client Sample No.	Lab Sample ID
MNS2	26148
MND2	26149
MNS1	26150
MND1	26151
MSED(S)	26152
MSED(D)	26153
MSS3	26154
MSD1	26155
MSS2	26156
MSD2	26157
MSS1	26158
MSS1 MS	26159
MSS1 MSD	26160
ISS1	26161
INS2	26162
ISD1	26163
ISD2	26164
ISS2	26165
ISED(D)	26166
BSED(D)	26167
BSED(S)	26168
DSED(D)	26169

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designed, as verified by the following signature.

Signature: _____ Name: DIVYA MEHTA

Date : 9/2/97 Title: ALB DIRECTOR

000002

110 Route 4
Englewood, New Jersey 07631
Phone: (201) 567-6868 Fax: (201) 567-1333

512 Route 9
Forked River, New Jersey 08731
Phone: (609) 693-2111 Fax: (609) 971-9300

NYSDOH Certification No. 10624
NJDEP Certification No. 02548

NJDEP Certification No. 15004

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MNS2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4877CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26148

Sample wt/vol: 30 (g/mL) g Lab File ID: 025F0201'B'

% Moisture: 13 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/21/97

Injection Volume: 2 (uL) Dilution Factor: 50

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: UG/KG

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	1915	U
11104-28-2	Aroclor-1221	3831	U
11141-16-5	Aroclor-1232	1915	U
53469-21-9	Aroclor-1242	1915	U
12672-29-6	Aroclor-1248	1915	U
11097-69-1	Aroclor-1254	6700 ~~6679~~	
11096-82-5	Aroclor-1260	1915	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MND2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4877CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26149

Sample wt/vol: 30 (g/mL) g Lab File ID: 026F0201'B'

% Moisture: 7 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/21/97

Injection Volume: 2 (uL) Dilution Factor: 50

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	1790	U
11104-28-2	Aroclor-1221	3581	U
11141-16-5	Aroclor-1232	1780	U
53469-21-9	Aroclor-1242	1780	U
12672-29-6	Aroclor-1248	1780	U
11097-69-1	Aroclor-1254	2800 ~~2775~~	
11096-82-5	Aroclor-1260	1780	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MNS1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4877CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26150

Sample wt/vol: 30 (g/mL) g Lab File ID: 069F0101'B'

% Moisture: 28 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/18/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	46	U
11104-28-2	Aroclor-1221	92	U
11141-16-5	Aroclor-1232	46	U
53469-21-9	Aroclor-1242	46	U
12672-29-6	Aroclor-1248	46	U
11097-69-1	Aroclor-1254	170 ~~171~~	
11096-82-5	Aroclor-1260	46	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MND1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4877CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26151

Sample wt/vol: 30 (g/mL) g Lab File ID: 070F0101'B'

% Moisture: 28 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/19/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	46	U
11104-28-2	Aroclor-1221	92	U
11141-16-5	Aroclor-1232	46	U
53469-21-9	Aroclor-1242	46	U
12672-29-6	Aroclor-1248	46	U
11097-69-1	Aroclor-1254	220 ~~216~~	
11096-82-5	Aroclor-1260	46	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MSED(S)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4877CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26152

Sample wt/vol: 30 (g/mL) g Lab File ID: 073F0101'B'

% Moisture: 35 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/19/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	51	U
11104-28-2	Aroclor-1221	102	U
11141-16-5	Aroclor-1232	51	U
53469-21-9	Aroclor-1242	51	U
12672-29-6	Aroclor-1248	51	U
11097-69-1	Aroclor-1254	250 ~~240~~	
11096-82-5	Aroclor-1260	51	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MSED(D)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4877CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26153

Sample wt/vol: 30 (g/mL) g Lab File ID: 074F0101'B'

% Moisture: 39 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/19/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	55	U
11104-28-2	Aroclor-1221	109	U
11141-16-5	Aroclor-1232	55	U
53469-21-9	Aroclor-1242	55	U
12672-29-6	Aroclor-1248	55	U
11097-69-1	Aroclor-1254	170 ~~172~~	
11096-82-5	Aroclor-1260	55	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MSS3

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4877CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26154

Sample wt/vol: 30 (g/mL) g Lab File ID: 027F0101'B'

% Moisture: 25 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/21/97

Injection Volume: 2 (uL) Dilution Factor: 50

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	2220	U
11104-28-2	Aroclor-1221	4440	U
11141-16-5	Aroclor-1232	2220	U
53469-21-9	Aroclor-1242	2220	U
12672-29-6	Aroclor-1248	2220	U
11097-69-1	Aroclor-1254	18000 ~~17893~~	
11096-82-5	Aroclor-1260	2220	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MSD1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4877CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26155

Sample wt/vol: 30 (g/mL) g Lab File ID: 076F0101'B'

% Moisture: 16 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/19/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: UG/KG

CAS NO.	COMPOUND		Q
12674-11-2	Aroclor-1016	40	U
11104-28-2	Aroclor-1221	79	U
11141-16-5	Aroclor-1232	40	U
53469-21-9	Aroclor-1242	40	U
12672-29-6	Aroclor-1248	40	U
11097-69-1	Aroclor-1254	67	
11096-82-5	Aroclor-1260	40	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MSS2

Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4877CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26156

Sample wt/vol: 30 (g/mL) g Lab File ID: 028F0201'B'

% Moisture: 18 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/21/97

Injection Volume: 2 (uL) Dilution Factor: 200

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	8129	U
11104-28-2	Aroclor-1221	16528	U
11141-16-5	Aroclor-1232	8129	U
53469-21-9	Aroclor-1242	8129	U
12672-29-6	Aroclor-1248	8129	U
11097-69-1	Aroclor-1254	85000 ~~84955~~	
11096-82-5	Aroclor-1260	8129	U

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MSD2

Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4877CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26157

Sample wt/vol: 30 (g/mL) g Lab File ID: 029F0201'B'

% Moisture: 12 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/21/97

Injection Volume: 2 (uL) Dilution Factor: 50

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	1892	U
11104-28-2	Aroclor-1221	3784	U
11141-16-5	Aroclor-1232	1892	U
53469-21-9	Aroclor-1242	1892	U
12672-29-6	Aroclor-1248	1892	U
11097-69-1	Aroclor-1254	30000 ~~30121~~	
11096-82-5	Aroclor-1260	1892	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MSS1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4877CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26158

Sample wt/vol: 30 (g/mL) g Lab File ID: 030F0201'B'

% Moisture: 24 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/21/97

Injection Volume: 2 (uL) Dilution Factor: 50

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	2191	U
11104-28-2	Aroclor-1221	4382	U
11141-16-5	Aroclor-1232	2191	U
53469-21-9	Aroclor-1242	2191	U
12672-29-6	Aroclor-1248	2191	U
11097-69-1	Aroclor-1254	28.000 ~~27735~~	
11096-82-5	Aroclor-1260	2191	U

FORM I PEST

PCB ORGANICS 1D ANALYSIS DATA SHEET

EPA SAMPLE NO.

ISS1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4877CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26161

Sample wt/vol: 30 (g/mL) g Lab File ID: 085F0101'B'

% Moisture: 61 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/19/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: UG/KG

CAS NO.	COMPOUND		Q
12674-11-2	Aroclor-1016	85	U J
11104-28-2	Aroclor-1221	171	U
11141-16-5	Aroclor-1232	85	U
[illegible]69-21-9	Aroclor-1242	85	U
[illegible]72-29-6	Aroclor-1248	85	U
11097-69-1	Aroclor-1254	85	U
11096-82-5	Aroclor-1260	85	U J

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

INS2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4877CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26162

Sample wt/vol: 30 (g/mL) g Lab File ID: 086F0101'B'

% Moisture: 39 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/19/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	54	U
11104-28-2	Aroclor-1221	109	U
11141-16-5	Aroclor-1232	54	U
53469-21-9	Aroclor-1242	54	U
12672-29-6	Aroclor-1248	54	U
11097-69-1	Aroclor-1254	140 ~~139~~	
11096-82-5	Aroclor-1260	54	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ISD1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4877CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26163

Sample wt/vol: 30 (g/mL) g Lab File ID: 087F0101'B'

% Moisture: 59 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/19/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	81	U J
11104-28-2	Aroclor-1221	162	U
11141-16-5	Aroclor-1232	81	U
53469-21-9	Aroclor-1242	81	U
12672-29-6	Aroclor-1248	81	U
11097-69-1	Aroclor-1254	81	U
11096-82-5	Aroclor-1260	81	U J

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ISD2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4877CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26164

Sample wt/vol: 30 (g/mL) g Lab File ID: 088F0101'B'

% Moisture: 46 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/19/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	61	U
11104-28-2	Aroclor-1221	123	U
11141-16-5	Aroclor-1232	61	U
53469-21-9	Aroclor-1242	61	U
12672-29-6	Aroclor-1248	61	U
11097-69-1	Aroclor-1254	61	U
11096-82-5	Aroclor-1260	61	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ISS2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4877CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26165

Sample wt/vol: 30 (g/mL) g Lab File ID: 091F0101'B'

% Moisture: 61 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/19/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	85	U J
11104-28-2	Aroclor-1221	171	U
11141-16-5	Aroclor-1232	85	U
53469-21-9	Aroclor-1242	85	U
12672-29-6	Aroclor-1248	85	U
11097-69-1	Aroclor-1254	85	U
11096-82-5	Aroclor-1260	85	U J

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ISED(D)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4877CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26166

Sample wt/vol: 30 (g/mL) g Lab File ID: 092F0101'B'

% Moisture: 17 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/19/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	40	U
11104-28-2	Aroclor-1221	80	U
11141-16-5	Aroclor-1232	40	U
53469-21-9	Aroclor-1242	40	U
672-29-6	Aroclor-1248	40	U
11097-69-1	Aroclor-1254	40	U
11096-82-5	Aroclor-1260	40	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BSED(D)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4877CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26167

Sample wt/vol: 30 (g/mL) g Lab File ID: 093F0101'B'

% Moisture: 30 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/19/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	47	U
11104-28-2	Aroclor-1221	95	U
11141-16-5	Aroclor-1232	47	U
53469-21-9	Aroclor-1242	47	U
12672-29-6	Aroclor-1248	47	U
11097-69-1	Aroclor-1254	47	U
11096-82-5	Aroclor-1260	47	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BSED(D) S
cmp

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4877CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26168

Sample wt/vol: 30 (g/mL) g Lab File ID: 094F0101'B'

% Moisture: 29 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/20/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	48	U
11104-28-2	Aroclor-1221	96	U
11141-16-5	Aroclor-1232	48	U
53469-21-9	Aroclor-1242	48	U
12672-29-6	Aroclor-1248	48	U
11097-69-1	Aroclor-1254	320 ~~317~~	
11096-82-5	Aroclor-1260	48	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DSED(D)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4877CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 96169

Sample wt/vol: 30 (g/mL) g Lab File ID: 095F0101'B'

% Moisture: 14 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/20/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	77	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

FORM I PEST

CHEMTECH

CASE NARRATIVE

RECEIVED
SEP - 3 1997

WESTON
RFP 2090
PO # 83814
Chemtech # 4878CLP

A. Number of Samples and Date of Sample Receipt:
13 Soil samples were delivered to the laboratory intact on 8/15/97. Nine samples were assigned to Project # 4877CLP.

B. Parameters:
Tests requested on the Chain of Custody were PCBs.

C. Analytical Techniques:
The analysis of PCBs is based on SW 846 Method 8080.

D. QA/ QC Samples
The Surrogate Recoveries for each sample are found in Form II-F. Initial Calibration of Single Component Analytes results are found on Form 6 D & E. Initial Calibration of Multicomponent Analytes is found on Form 6 F. The Analyte Resolution Summary is on Form 6G and the Calibration Verification Summaries are on Form 7D & E. Method Blank Summaries are located on Form IV-C. The Matrix Spike and Matrix Spike Duplicate were analyzed and are reported on Form 3F.

Surrogate recoveries met QC requirements. MS/ MSD recoveries and RPDs met requirements. Calibrations met requirements. Surrogate Retention Times were within QC limits. Blank analyses did not indicate the presence of contamination.

I certify that the data package is in compliance with the terms and conditions of the contract both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.

Signature _____ NAME Divyajit Mehta _____

Date 8/31/97 Title Laboratory Director

CHEMTECH

LABORATORY REPORT

COVER PAGE

Lab Name: Chemtech Consulting Group Client: ROY F. WESTON, INC.
Lab Code: CHEM Project No.: 4878CLP Project Name: 2090 PO 83814

Client Sample No.	Lab Sample ID
DSED(S)	26170
FSED(S)	26171
CSED(D)	26172
RB2	26173

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designed, as verified by the following signature.

Signature: _____ Name: DIVYA MEHTA

Date : 8/31/97 Title: LAB DIRECTOR

110 Route 4
Englewood, New Jersey 07631
Phone: (201) 567-6868 Fax: (201) 567-1333

512 Route 9
Forked River, New Jersey 08731
Phone: (609) 693-2111 Fax: (609) 971-9300

NYSDOH Certification No. 10624
NJDEP Certification No. 02548

NJDEP Certification No. 15004

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DSED(S)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4878CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26170

Sample wt/vol: 30 (g/mL) g Lab File ID: 033F0201'B'

% Moisture: 34 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/21/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	50	U
11104-28-2	Aroclor-1221	101	U
11141-16-5	Aroclor-1232	50	U
53469-21-9	Aroclor-1242	50	U
12672-29-6	Aroclor-1248	50	U
11097-69-1	Aroclor-1254	50	U
11096-82-5	Aroclor-1260	50	U

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FSED(S)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4878CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26171

Sample wt/vol: 30 (g/mL) g Lab File ID: 034F0201'B'

% Moisture: 31 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/21/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	48	U
11104-28-2	Aroclor-1221	96	U
11141-16-5	Aroclor-1232	48	U
[illegible]469-21-9	Aroclor-1242	48	U
[illegible]672-29-6	Aroclor-1248	48	U
11097-69-1	Aroclor-1254	48	U
11096-82-5	Aroclor-1260	48	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CSED(D)

Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4878CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26172

Sample wt/vol: 30 (g/mL) g Lab File ID: 035F0201'B'

% Moisture: 30 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/21/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	48	U
11104-28-2	Aroclor-1221	95	U
11141-16-5	Aroclor-1232	48	U
53469-21-9	Aroclor-1242	48	U
672-29-6	Aroclor-1248	48	U
11097-69-1	Aroclor-1254	48	U
11096-82-5	Aroclor-1260	48	U

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4878CLP SAS No.: SDG No.:

Matrix: WATER Lab Sample ID: 26173

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 035F0201'B'

% Moisture: 100 decanted: (Y/N) N Date Received: 08/15/97

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 08/17/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/22/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/L	Q
12674-11-2	Aroclor-1016	1	U
11104-28-2	Aroclor-1221	2	U
11141-16-5	Aroclor-1232	1	U
53469-21-9	Aroclor-1242	1	U
672-29-6	Aroclor-1248	1	U
11097-69-1	Aroclor-1254	1	U
11096-82-5	Aroclor-1260	1	U

FORM I PEST

CHEMTECH

CASE NARRATIVE

RECEIVED
SEP 1 8 1997

WESTON
RFP 2090 Site G2
TDD # 02-97-01-0015
Chemtech # 4964CLP

A. Number of Samples and Date of Sample Receipt:
21 Soil samples were delivered to the laboratory intact on 8/27/97. Sample HNS1 was assigned to Project # 4965CLP.

B. Parameters:
Tests requested on the Chain of Custody were PCBs.

C. Analytical Techniques:
The analysis of PCBs is based on SW 846 Method 8080.

D. QA/ QC Samples
The Surrogate Recoveries for each sample are found in Form II-F. Initial Calibration of Single Component Analytes results are found on Form 6 D & E. Initial Calibration of Multicomponent Analytes is found on Form 6 F. The Analyte Resolution Summary is on Form 6G and the Calibration Verification Summaries are on Form 7D & E. Method Blank Summaries are located on Form IV-C. The Matrix Spike and Matrix Spike Duplicate were analyzed and are reported on Form 3F.

Surrogate recoveries met QC requirements. MS/ MSDs recoveries and RPDs met requirements. Calibrations met requirements. Surrogate Retention Times were within QC limits. Blank analyses did not indicate the presence of contamination.

I certify that the data package is in compliance with the terms and conditions of the contract both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.

Signature _____ NAME Divyajit Mehta _____

Date 9/10/97 Title Laboratory Director

CHEMTECH

LABORATORY REPORT

COVER PAGE

Lab Name: Chemtech Consulting Group Client: ROY F. WESTON, INC.
Lab Code: CHEM Project No.: 4964CLP Project Name: RFP 2090

Client Sample No.	Lab Sample ID
ANS1	26641
ANS2	26642
AND2	26643
BNS1	26644
BNS1 MS	26645
BNS1 MSD	26646
BNS2	26647
BNS3	26648
BND2	26649
CNS1	26650
CNS2	26651
CND1	26652
FNS2	26653
FNS3	26654
FND1	26655
FND2	26656
GNS1	26657
GNS2	26658
GND1	26659
GND2	26660
HNS2	26661
HNS3	26662

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designed, as verified by the following signature.

Signature: _____ Name: DIVYA MEHTA

Date : 9/10/97 Title: LAB DIRECTOR

000002

110 Route 4
Englewood, New Jersey 07631
Phone: (201) 567-6868 Fax: (201) 567-1333

512 Route 9
Forked River, New Jersey 08731
Phone: (609) 693-2111 Fax: (609) 971-9300

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ANS1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4964CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26641

Sample wt/vol: 30 (g/mL) g Lab File ID: 037F0101'B'

% Moisture: 54 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/30/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	72	U J
11104-28-2	Aroclor-1221	144	U
11141-16-5	Aroclor-1232	72	U
53469-21-9	Aroclor-1242	72	U
12672-29-6	Aroclor-1248	72	U
11097-69-1	Aroclor-1254	72	U
11096-82-5	Aroclor-1260	72	U J

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ANS2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4964CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26642

Sample wt/vol: 30 (g/mL) g Lab File ID: 038F0101'B'

% Moisture: 42 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/30/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	57	U
11104-28-2	Aroclor-1221	115	U
11141-16-5	Aroclor-1232	57	U
53469-21-9	Aroclor-1242	57	U
12672-29-6	Aroclor-1248	57	U
11097-69-1	Aroclor-1254	57	U
11096-82-5	Aroclor-1260	57	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AND2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4964CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26643

Sample wt/vol: 30 (g/mL) g Lab File ID: 039F0101'B'

% Moisture: 49 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/30/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	65	U
11104-28-2	Aroclor-1221	131	U
11141-16-5	Aroclor-1232	65	U
53469-21-9	Aroclor-1242	65	U
12672-29-6	Aroclor-1248	65	U
11097-69-1	Aroclor-1254	65	U
11096-82-5	Aroclor-1260	65	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BNS1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4964CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26644

Sample wt/vol: 30 (g/mL) g Lab File ID: 040F0101'B'

% Moisture: 46 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/30/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: UG/KG

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	61	U
11104-28-2	Aroclor-1221	122	U
11141-16-5	Aroclor-1232	61	U
53469-21-9	Aroclor-1242	61	U
12672-29-6	Aroclor-1248	61	U
11097-69-1	Aroclor-1254	61	U
11096-82-5	Aroclor-1260	61	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BNS2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4964CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26647

Sample wt/vol: 30 (g/mL) g Lab File ID: 045F0101'B'

% Moisture: 58 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/30/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	79	U J
11104-28-2	Aroclor-1221	158	U
11141-16-5	Aroclor-1232	79	U
53469-21-9	Aroclor-1242	79	U
12672-29-6	Aroclor-1248	79	U
11097-69-1	Aroclor-1254	79	U
11096-82-5	Aroclor-1260	79	U J

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BNS3

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4964CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26648

Sample wt/vol: 30 (g/mL) g Lab File ID: 046F0101'B'

% Moisture: 43 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/30/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	58	U
11104-28-2	Aroclor-1221	117	U
11141-16-5	Aroclor-1232	58	U
53469-21-9	Aroclor-1242	58	U
12672-29-6	Aroclor-1248	58	U
11097-69-1	Aroclor-1254	58	U
11096-82-5	Aroclor-1260	58	U

FORM I PEST

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BND2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4964CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26649

Sample wt/vol: 30 (g/mL) g Lab File ID: 047F0101'B'

% Moisture: 55 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/30/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	74	U J
11104-28-2	Aroclor-1221	148	U
11141-16-5	Aroclor-1232	74	U
53469-21-9	Aroclor-1242	74	U
12672-29-6	Aroclor-1248	74	U
11097-69-1	Aroclor-1254	74	U
11096-82-5	Aroclor-1260	74	U J

FORM I PEST

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CNS1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4964CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26650

Sample wt/vol: 30 (g/mL) g Lab File ID: 048F0101'B'

% Moisture: 48 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/30/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	64	U
11104-28-2	Aroclor-1221	128	U
11141-16-5	Aroclor-1232	64	U
53469-21-9	Aroclor-1242	64	U
12672-29-6	Aroclor-1248	64	U
11097-69-1	Aroclor-1254	64	U
11096-82-5	Aroclor-1260	64	U

FORM I PEST

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CNS2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4964CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26651

Sample wt/vol: 30 (g/mL) g Lab File ID: 049F0101'B'

% Moisture: 38 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/30/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	54	U
11104-28-2	Aroclor-1221	107	U
11141-16-5	Aroclor-1232	54	U
53469-21-9	Aroclor-1242	54	U
12672-29-6	Aroclor-1248	54	U
11097-69-1	Aroclor-1254	54	U
11096-82-5	Aroclor-1260	54	U

FORM I PEST

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CND1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4964CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26652

Sample wt/vol: 30 (g/mL) g Lab File ID: 052F0101'B'

% Moisture: 52 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/30/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	69	U J
11104-28-2	Aroclor-1221	139	U
11141-16-5	Aroclor-1232	69	U
53469-21-9	Aroclor-1242	69	U
12672-29-6	Aroclor-1248	69	U
11097-69-1	Aroclor-1254	69	U
11096-82-5	Aroclor-1260	69	U J

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FNS2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4964CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26653

Sample wt/vol: 30 (g/mL) g Lab File ID: 053F0101'B'

% Moisture: 36 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/30/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: UG/KG

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	52	U
11104-28-2	Aroclor-1221	104	U
11141-16-5	Aroclor-1232	52	U
53469-21-9	Aroclor-1242	52	U
12672-29-6	Aroclor-1248	52	U
11097-69-1	Aroclor-1254	52	U
11096-82-5	Aroclor-1260	52	U

FORM I PEST

PCB ORGANICS 1D ANALYSIS DATA SHEET

EPA SAMPLE NO.

FNS3

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4964CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26654

Sample wt/vol: 30 (g/mL) g Lab File ID: 054F0101'B'

% Moisture: 40 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/30/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: UG/KG

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	56	U
11104-28-2	Aroclor-1221	111	U
11141-16-5	Aroclor-1232	56	U
53469-21-9	Aroclor-1242	56	U
12672-29-6	Aroclor-1248	56	U
11097-69-1	Aroclor-1254	56	U
11096-82-5	Aroclor-1260	56	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FND1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4964CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26655

Sample wt/vol: 30 (g/mL) g Lab File ID: 055F0101'B'

% Moisture: 48 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/30/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	64	U
11104-28-2	Aroclor-1221	128	U
11141-16-5	Aroclor-1232	64	U
53469-21-9	Aroclor-1242	64	U
12672-29-6	Aroclor-1248	64	U
11097-69-1	Aroclor-1254	64	U
11096-82-5	Aroclor-1260	64	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FND2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4964CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26656

Sample wt/vol: 30 (g/mL) g Lab File ID: 056F0101'B'

% Moisture: 29 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/30/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	47	U
11104-28-2	Aroclor-1221	94	U
11141-16-5	Aroclor-1232	47	U
53469-21-9	Aroclor-1242	47	U
12672-29-6	Aroclor-1248	47	U
11097-69-1	Aroclor-1254	47	U
11096-82-5	Aroclor-1260	47	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GNS1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4964CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26657

Sample wt/vol: 30 (g/mL) g Lab File ID: 057F0101'B'

% Moisture: 25 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/30/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	44	U
11104-28-2	Aroclor-1221	89	U
11141-16-5	Aroclor-1232	44	U
53469-21-9	Aroclor-1242	44	U
12672-29-6	Aroclor-1248	44	U
11097-69-1	Aroclor-1254	44	U
11096-82-5	Aroclor-1260	44	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GNS2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4964CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26658

Sample wt/vol: 30 (g/mL) g Lab File ID: 058F0101'B'

% Moisture: 31 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/30/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	48	U
11104-28-2	Aroclor-1221	97	U
11141-16-5	Aroclor-1232	48	U
53469-21-9	Aroclor-1242	48	U
12672-29-6	Aroclor-1248	48	U
11097-69-1	Aroclor-1254	48	U
11096-82-5	Aroclor-1260	48	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GND1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4964CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26659

Sample wt/vol: 30 (g/mL) g Lab File ID: 061F0101'B'

% Moisture: 16 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/31/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: UG/KG

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	40	U
11104-28-2	Aroclor-1221	79	U
11141-16-5	Aroclor-1232	40	U
53469-21-9	Aroclor-1242	40	U
12672-29-6	Aroclor-1248	40	U
11097-69-1	Aroclor-1254	40	U
11096-82-5	Aroclor-1260	40	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GND2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4964CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26660

Sample wt/vol: 30 (g/mL) g Lab File ID: 062F0101'B'

% Moisture: 15 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/31/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: UG/KG

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	78	U
11141-16-5	Aroclor-1232	39	U
[illegible]469-21-9	Aroclor-1242	39	U
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	39	U
11096-82-5	Aroclor-1260	39	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HNS2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4964CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26661

Sample wt/vol: 30 (g/mL) g Lab File ID: 063F0101'B'

% Moisture: 36 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/31/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	52	U
11104-28-2	Aroclor-1221	104	U
11141-16-5	Aroclor-1232	52	U
53469-21-9	Aroclor-1242	52	U
12672-29-6	Aroclor-1248	52	U
11097-69-1	Aroclor-1254	52	U
11096-82-5	Aroclor-1260	52	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HNS3

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4964CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26662

Sample wt/vol: 30 (g/mL) g Lab File ID: 064F0101'B'

% Moisture: 34 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/31/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	50	U
11104-28-2	Aroclor-1221	101	U
11141-16-5	Aroclor-1232	50	U
53469-21-9	Aroclor-1242	50	U
12672-29-6	Aroclor-1248	50	U
11097-69-1	Aroclor-1254	50	U
11096-82-5	Aroclor-1260	50	U

FORM I PEST

CHEMTECH

CASE NARRATIVE

RECEIVED
SEP 15 1997

WESTON
RFP 2090 Site G2
TDD# 02-97-02-0015
Chemtech # 4965CLP

A. Number of Samples and Date of Sample Receipt:
33 Soil samples were delivered to the laboratory intact on 8/27/97. Some samples were assigned to Projects 4864CLP and 4967CLP.

B. Parameters:
Tests requested on the Chain of Custody were PCBs.

C. Analytical Techniques:
The analysis of PCBs is based on SW 846 Method 8080.

D. QA/ QC Samples
The Surrogate Recoveries for each sample are found in Form II-F. Initial Calibration of Single Component Analytes results are found on Form 6 D & E. Initial Calibration of Multicomponent Analytes is found on Form 6 F. The Analyte Resolution Summary is on Form 6G and the Calibration Verification Summaries are on Form 7D & E. Method Blank Summaries are located on Form IV-C. The Matrix Spike and Matrix Spike Duplicate were analyzed and are reported on Form 3F.

Surrogate recoveries met QC requirements. MS/ MSDs recoveries and RPDs met requirements. Calibrations met requirements. Surrogate Retention Times were within QC limits. Blank analyses did not indicate the presence of contamination.

I certify that the data package is in compliance with the terms and conditions of the contract both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.

Signature _____ NAME Divyajit Mehta _____

Date 9-11-97 Title Laboratory Director

CHEMTECH

LABORATORY REPORT

COVER PAGE

Lab Name: Chemtech Consulting Group Client: ROY F. WESTON, INC.
Lab Code: CHEM Project No.: 4965CLP Project Name: RFP 2090

Client Sample No.	Lab Sample ID
HNS1	26663
HNS1 MS	26664
HNS1 MSD	26665
CSS2	26666
CSD1	26667
CSD2	26668
DSS1	26669
DSS2	26670
DSD1	26671
DSD2	26672
ESS1	26673
ESS2	26674
ESD1	26675
ESD2	26676
HND1	26677
HND2	26678
ASS1	26679
ASS2	26680
ASD1	26681
ASD2	26682
BSS1	26683
BSS2	26684

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designed, as verified by the following signature.

Signature: _____ Name: DIVYA MEHTA

Date : 9-11-97 Title: LAB DIRECTOR

110 Route 4
Englewood, New Jersey 07631
Phone: (201) 567-6868 Fax: (201) 567-1333

512 Route 9
Forked River, New Jersey 08731
Phone: (609) 693-2111 Fax: (609) 971-9300

NYSDOH Certification No. 10624
NJDEP Certification No. 02548

NJDEP Certification No. 15004

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HNS1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4965CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26663

Sample wt/vol: 30 (g/mL) g Lab File ID: 037F0101'A'

% Moisture: 34 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/30/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	50	U
11104-28-2	Aroclor-1221	101	U
11141-16-5	Aroclor-1232	50	U
53469-21-9	Aroclor-1242	50	U
12672-29-6	Aroclor-1248	50	U
11097-69-1	Aroclor-1254	50	U
11096-82-5	Aroclor-1260	50	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CSS2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4965CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26666

Sample wt/vol: 30 (g/mL) g Lab File ID: 040F0101'A'

% Moisture: 19 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/30/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	82	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	41	U
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	41	U
11096-82-5	Aroclor-1260	41	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CSD1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4965CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26667

Sample wt/vol: 30 (g/mL) g Lab File ID: 043F0101'A'

% Moisture: 29 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/30/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	47	U
11104-28-2	Aroclor-1221	94	U
11141-16-5	Aroclor-1232	47	U
53469-21-9	Aroclor-1242	47	U
12672-29-6	Aroclor-1248	47	U
11097-69-1	Aroclor-1254	47	U
11096-82-5	Aroclor-1260	47	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CSD2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4965CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26668

Sample wt/vol: 30 (g/mL) g Lab File ID: 044F0101'A'

% Moisture: 43 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/30/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	58	U
11104-28-2	Aroclor-1221	117	U
11141-16-5	Aroclor-1232	58	U
53469-21-9	Aroclor-1242	58	U
12672-29-6	Aroclor-1248	58	U
11097-69-1	Aroclor-1254	58	U
11096-82-5	Aroclor-1260	58	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DSS1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4965CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26669

Sample wt/vol: 30 (g/mL) g Lab File ID: 045F0101'A'

% Moisture: 45 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/30/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	61	U
11104-28-2	Aroclor-1221	121	U
11141-16-5	Aroclor-1232	61	U
53469-21-9	Aroclor-1242	61	U
12672-29-6	Aroclor-1248	61	U
11097-69-1	Aroclor-1254	61	U
11096-82-5	Aroclor-1260	61	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DSS2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4965CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26670

Sample wt/vol: 30 (g/mL) g Lab File ID: 046F0101'A'

% Moisture: 31 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/30/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	48	U
11104-28-2	Aroclor-1221	97	U
11141-16-5	Aroclor-1232	48	U
53469-21-9	Aroclor-1242	48	U
12672-29-6	Aroclor-1248	48	U
11097-69-1	Aroclor-1254	48	U
11096-82-5	Aroclor-1260	48	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DSD1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4965CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26671

Sample wt/vol: 30 (g/mL) g Lab File ID: 047F0101'A'

% Moisture: 47 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/30/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	63	U
11104-28-2	Aroclor-1221	126	U
11141-16-5	Aroclor-1232	63	U
53469-21-9	Aroclor-1242	63	U
12672-29-6	Aroclor-1248	63	U
11097-69-1	Aroclor-1254	63	U
11096-82-5	Aroclor-1260	63	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DSD2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4965CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26672

Sample wt/vol: 30 (g/mL) g Lab File ID: 048F0101'A'

% Moisture: 19 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/30/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: UG/KG

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	82	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	41	U
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	41	U
11096-82-5	Aroclor-1260	41	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ESS1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4965CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26673

Sample wt/vol: 30 (g/mL) g Lab File ID: 049F0101'A'

% Moisture: 41 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/30/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	56	U
11104-28-2	Aroclor-1221	113	U
11141-16-5	Aroclor-1232	56	U
53469-21-9	Aroclor-1242	56	U
12672-29-6	Aroclor-1248	56	U
11097-69-1	Aroclor-1254	56	U
11096-82-5	Aroclor-1260	56	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ESS2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4965CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26674

Sample wt/vol: 30 (g/mL) g Lab File ID: 052F0101'A'

% Moisture: 35 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/30/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: UG/KG

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	51	U
11104-28-2	Aroclor-1221	102	U
11141-16-5	Aroclor-1232	51	U
53469-21-9	Aroclor-1242	51	U
12672-29-6	Aroclor-1248	51	U
11097-69-1	Aroclor-1254	51	U
11096-82-5	Aroclor-1260	51	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ESD1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4965CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26675

Sample wt/vol: 30 (g/mL) g Lab File ID: 053F0101'A'

% Moisture: 44 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/30/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	59	U
11104-28-2	Aroclor-1221	119	U
11141-16-5	Aroclor-1232	59	U
53469-21-9	Aroclor-1242	59	U
12672-29-6	Aroclor-1248	59	U
11097-69-1	Aroclor-1254	59	U
11096-82-5	Aroclor-1260	59	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ESD2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4965CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26676

Sample wt/vol: 30 (g/mL) g Lab File ID: 054F0101'A'

% Moisture: 46 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/30/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	62	U
11104-28-2	Aroclor-1221	123	U
11141-16-5	Aroclor-1232	62	U
53469-21-9	Aroclor-1242	62	U
12672-29-6	Aroclor-1248	62	U
11097-69-1	Aroclor-1254	62	U
11096-82-5	Aroclor-1260	62	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HND1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4965CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26677

Sample wt/vol: 30 (g/mL) g Lab File ID: 055F0101'A'

% Moisture: 49 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/30/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	65	U
11104-28-2	Aroclor-1221	131	U
11141-16-5	Aroclor-1232	65	U
53469-21-9	Aroclor-1242	65	U
12672-29-6	Aroclor-1248	65	U
11097-69-1	Aroclor-1254	65	U
11096-82-5	Aroclor-1260	65	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HND2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4965CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26678

Sample wt/vol: 30 (g/mL) g Lab File ID: 056F0101'A'

% Moisture: 34 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/30/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	50	U
11104-28-2	Aroclor-1221	101	U
11141-16-5	Aroclor-1232	50	U
53469-21-9	Aroclor-1242	50	U
672-29-6	Aroclor-1248	50	U
11097-69-1	Aroclor-1254	50	U
11096-82-5	Aroclor-1260	50	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ASS1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4965CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26679

Sample wt/vol: 30 (g/mL) g Lab File ID: 057F0101'A'

% Moisture: 27 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/30/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	46	U
11104-28-2	Aroclor-1221	91	U
11141-16-5	Aroclor-1232	46	U
53469-21-9	Aroclor-1242	46	U
12672-29-6	Aroclor-1248	46	U
11097-69-1	Aroclor-1254	46	U
11096-82-5	Aroclor-1260	46	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ASS2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4965CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26680

Sample wt/vol: 30 (g/mL) g Lab File ID: 058F0101'A'

% Moisture: 28 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/30/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	46	U
11104-28-2	Aroclor-1221	93	U
11141-16-5	Aroclor-1232	46	U
53469-21-9	Aroclor-1242	46	U
12672-29-6	Aroclor-1248	46	U
11097-69-1	Aroclor-1254	46	U
11096-82-5	Aroclor-1260	46	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ASD1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4965CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26681

Sample wt/vol: 30 (g/mL) g Lab File ID: 061F0101'A'

% Moisture: 31 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/31/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	48	U
11104-28-2	Aroclor-1221	97	U
11141-16-5	Aroclor-1232	48	U
[illegible]469-21-9	Aroclor-1242	48	U
12672-29-6	Aroclor-1248	48	U
11097-69-1	Aroclor-1254	48	U
11096-82-5	Aroclor-1260	48	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ASD2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4965CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26682

Sample wt/vol: 30 (g/mL) g Lab File ID: 062F0101'A'

% Moisture: 29 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/31/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: UG/KG

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	47	U
11104-28-2	Aroclor-1221	94	U
11141-16-5	Aroclor-1232	47	U
53469-21-9	Aroclor-1242	47	U
12672-29-6	Aroclor-1248	47	U
11097-69-1	Aroclor-1254	47	U
11096-82-5	Aroclor-1260	47	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BSS1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4965CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26683

Sample wt/vol: 30 (g/mL) g Lab File ID: 063F0101'A'

% Moisture: 25 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/31/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	44	U
11104-28-2	Aroclor-1221	89	U
11141-16-5	Aroclor-1232	44	U
[illegible]3469-21-9	Aroclor-1242	44	U
[illegible]672-29-6	Aroclor-1248	44	U
11097-69-1	Aroclor-1254	44	U
11096-82-5	Aroclor-1260	44	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BSS2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4965CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26684

Sample wt/vol: 30 (g/mL) g Lab File ID: 064F0101'A'

% Moisture: 28 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/28/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/31/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	46	U
11104-28-2	Aroclor-1221	93	U
11141-16-5	Aroclor-1232	46	U
53469-21-9	Aroclor-1242	46	U
12672-29-6	Aroclor-1248	46	U
11097-69-1	Aroclor-1254	46	U
11096-82-5	Aroclor-1260	46	U

FORM I PEST

CHEMTECH

CASE NARRATIVE

RECEIVED
SEP 15 1997

WESTON
RFP 2090 Site G2
TDD # 02-97-01-0015
Chemtech # 4966CLP

A. Number of Samples and Date of Sample Receipt:
22 Soil samples were delivered to the laboratory intact on 8/27/97. Samples DNS1 and HSD1 were assigned to Project # 4967CLP.

B. Parameters:
Tests requested on the Chain of Custody were PCBs.

C. Analytical Techniques:
The analysis of PCBs is based on SW 846 Method 8080.

D. QA/ QC Samples
The Surrogate Recoveries for each sample are found in Form II-F. Initial Calibration of Single Component Analytes results are found on Form 6 D & E. Initial Calibration of Multicomponent Analytes is found on Form 6 F. The Analyte Resolution Summary is on Form 6G and the Calibration Verification Summaries are on Form 7D & E. Method Blank Summaries are located on Form IV-C. The Matrix Spike and Matrix Spike Duplicate were analyzed and are reported on Form 3F.

Surrogate recoveries met QC requirements. MS/ MSDs recoveries and RPDs met requirements. Calibrations met requirements. Surrogate Retention Times were within QC limits. Blank analyses did not indicate the presence of contamination.

I certify that the data package is in compliance with the terms and conditions of the contract both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.

Signature _____ NAME Divyajit Mehta

Date 9/10/97 Title Laboratory Director

CHEMTECH

LABORATORY REPORT

COVER PAGE

Lab Name: Chemtech Consulting Group Client: ROY F. WESTON, INC.
Lab Code: CHEM Project No.: 4966CLP Project Name: RFP 2090

Client Sample No.	Lab Sample ID
CND2	26685
DNS2	26686
DNS3	26687
DND1	26688
DND2	26689
ENS1	26690
ENS2	26691
END1	26692
END2	26693
FNS1	26694
FNS1 MS	26695
FNS1 MSD	26696
FSS1	26697
FSS2	26698
FSD1	26699
FSD2	26700
GSS1	26701
GSS2	26702
GSD1	26703
GSD2	26704
HSS1	26705
HSS2	26706

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designed, as verified by the following signature.

Signature: _____ Name: DIVYA MEHTA

Date : 9/10/92 Title: LAB DIRECTOR

110 Route 4
Englewood, New Jersey 07631
Phone: (201) 567-6868 Fax: (201) 567-1333

512 Route 9
Forked River, New Jersey 08731
Phone: (609) 693-2111 Fax: (609) 971-9300

NYSDOH Certification No. 10624
NJDEP Certification No. 02548

NJDEP Certification No. 15004

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CND2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4966CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26685

Sample wt/vol: 30 (g/mL) g Lab File ID: 070F0101'B'

% Moisture: 31 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/31/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	48	U
11104-28-2	Aroclor-1221	97	U
11141-16-5	Aroclor-1232	48	U
5[illegible]9-21-9	Aroclor-1242	48	U
12672-29-6	Aroclor-1248	48	U
11097-69-1	Aroclor-1254	48	U
11096-82-5	Aroclor-1260	48	U

FORM I PEST

PCB ORGANICS 1D ANALYSIS DATA SHEET

EPA SAMPLE NO.

DNS2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4966CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26686

Sample wt/vol: 30 (g/mL) g Lab File ID: 071F0101'B'

% Moisture: 22 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/31/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: UG/KG

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	43	U
11104-28-2	Aroclor-1221	85	U
11141-16-5	Aroclor-1232	43	U
53469-21-9	Aroclor-1242	43	U
12672-29-6	Aroclor-1248	43	U
11097-69-1	Aroclor-1254	43	U
11096-82-5	Aroclor-1260	43	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DNS3

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4966CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26687

Sample wt/vol: 30 (g/mL) g Lab File ID: 072F0101'B'

% Moisture: 32 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/31/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	49	U
11104-28-2	Aroclor-1221	98	U
11141-16-5	Aroclor-1232	49	U
53469-21-9	Aroclor-1242	49	U
12672-29-6	Aroclor-1248	49	U
11097-69-1	Aroclor-1254	49	U
11096-82-5	Aroclor-1260	49	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DND1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4966CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26688

Sample wt/vol: 30 (g/mL) g Lab File ID: 073F0101'B'

% Moisture: 34 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/31/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	50	U
11104-28-2	Aroclor-1221	101	U
11141-16-5	Aroclor-1232	50	U
53469-21-9	Aroclor-1242	50	U
12672-29-6	Aroclor-1248	50	U
11097-69-1	Aroclor-1254	50	U
11096-82-5	Aroclor-1260	50	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DND2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4966CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26689

Sample wt/vol: 30 (g/mL) g Lab File ID: 074F0101'B'

% Moisture: 27 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/31/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	46	U
11104-28-2	Aroclor-1221	91	U
11141-16-5	Aroclor-1232	46	U
53469-21-9	Aroclor-1242	46	U
12672-29-6	Aroclor-1248	46	U
11097-69-1	Aroclor-1254	46	U
11096-82-5	Aroclor-1260	46	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ENS1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4966CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26690

Sample wt/vol: 30 (g/mL) g Lab File ID: 075F0101'B'

% Moisture: 28 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/31/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: UG/KG

CAS NO.	COMPOUND		Q
12674-11-2	Aroclor-1016	46	U
11104-28-2	Aroclor-1221	93	U
11141-16-5	Aroclor-1232	46	U
[illegible]469-21-9	Aroclor-1242	46	U
12672-29-6	Aroclor-1248	46	U
11097-69-1	Aroclor-1254	46	U
11096-82-5	Aroclor-1260	46	U

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ENS2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4966CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26691

Sample wt/vol: 30 (g/mL) g Lab File ID: 076F0101'B'

% Moisture: 27 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/31/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	46	U
11104-28-2	Aroclor-1221	91	U
11141-16-5	Aroclor-1232	46	U
53469-21-9	Aroclor-1242	46	U
12672-29-6	Aroclor-1248	46	U
11097-69-1	Aroclor-1254	46	U
11096-82-5	Aroclor-1260	46	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

END1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4966CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26692

Sample wt/vol: 30 (g/mL) g Lab File ID: 079F0101'B'

% Moisture: 32 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/31/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: UG/KG

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	49	U
11104-28-2	Aroclor-1221	98	U
11141-16-5	Aroclor-1232	49	U
53469-21-9	Aroclor-1242	49	U
12672-29-6	Aroclor-1248	49	U
11097-69-1	Aroclor-1254	49	U
11096-82-5	Aroclor-1260	49	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

END2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4966CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26693

Sample wt/vol: 30 (g/mL) g Lab File ID: 080F0101'B'

% Moisture: 14 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/31/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: UG/KG

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	77	U
11141-16-5	Aroclor-1232	39	U
[illegible]469-21-9	Aroclor-1242	39	U
[illegible]672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	39	U
11096-82-5	Aroclor-1260	39	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FNS1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4966CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26694

Sample wt/vol: 30 (g/mL) g Lab File ID: 081F0101'B'

% Moisture: 39 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/31/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: UG/KG

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	55	U
11104-28-2	Aroclor-1221	109	U
11141-16-5	Aroclor-1232	55	U
[illegible]469-21-9	Aroclor-1242	55	U
[illegible]672-29-6	Aroclor-1248	55	U
11097-69-1	Aroclor-1254	55	U
11096-82-5	Aroclor-1260	55	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FSS1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4966CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26697

Sample wt/vol: 30 (g/mL) g Lab File ID: 082F0101'B'

% Moisture: 44 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/31/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	59	U
11104-28-2	Aroclor-1221	119	U
11141-16-5	Aroclor-1232	59	U
53469-21-9	Aroclor-1242	59	U
12672-29-6	Aroclor-1248	59	U
11097-69-1	Aroclor-1254	59	U
11096-82-5	Aroclor-1260	59	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FSS2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4966CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26698

Sample wt/vol: 30 (g/mL) g Lab File ID: 083F0101'B'

% Moisture: 51 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/31/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: UG/KG

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	68	U
11104-28-2	Aroclor-1221	136	U
11141-16-5	Aroclor-1232	68	U
53469-21-9	Aroclor-1242	68	U
12672-29-6	Aroclor-1248	68	U
11097-69-1	Aroclor-1254	68	U
11096-82-5	Aroclor-1260	68	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FSD1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4966CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26699

Sample wt/vol: 30 (g/mL) g Lab File ID: 084F0101'B'

% Moisture: 53 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/01/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: UG/KG

CAS NO.	COMPOUND		Q
12674-11-2	Aroclor-1016	71	U
11104-28-2	Aroclor-1221	142	U
11141-16-5	Aroclor-1232	71	U
[illegible]469-21-9	Aroclor-1242	71	U
12672-29-6	Aroclor-1248	71	U
11097-69-1	Aroclor-1254	71	U
11096-82-5	Aroclor-1260	71	U

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FSD2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4966CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26700

Sample wt/vol: 30 (g/mL) g Lab File ID: 085F0101'B'

% Moisture: 35 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/01/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	51	U
11104-28-2	Aroclor-1221	102	U
11141-16-5	Aroclor-1232	51	U
53469-21-9	Aroclor-1242	51	U
12672-29-6	Aroclor-1248	51	U
11097-69-1	Aroclor-1254	51	U
11096-82-5	Aroclor-1260	51	U

FORM I PEST

PCB ORGANICS 1D ANALYSIS DATA SHEET

EPA SAMPLE NO.

GSS1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4966CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26701

Sample wt/vol: 30 (g/mL) g Lab File ID: 088F0101'B'

% Moisture: 52 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/01/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: UG/KG

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	69	U J
11104-28-2	Aroclor-1221	139	U
11141-16-5	Aroclor-1232	69	U
53469-21-9	Aroclor-1242	69	U
12672-29-6	Aroclor-1248	69	U
11097-69-1	Aroclor-1254	69	U
11096-82-5	Aroclor-1260	69	U J

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GSS2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4966CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26702

Sample wt/vol: 30 (g/mL) g Lab File ID: 089F0101'B'

% Moisture: 44 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/01/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: UG/KG

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	59	U
11104-28-2	Aroclor-1221	119	U
11141-16-5	Aroclor-1232	59	U
53469-21-9	Aroclor-1242	59	U
12672-29-6	Aroclor-1248	59	U
11097-69-1	Aroclor-1254	59	U
11096-82-5	Aroclor-1260	59	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GSD1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4966CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26703

Sample wt/vol: .30 (g/mL) g Lab File ID: 090F0101'B'

% Moisture: 54 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/01/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: UG/KG

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	72	U J
11104-28-2	Aroclor-1221	145	U
11141-16-5	Aroclor-1232	72	U
53469-21-9	Aroclor-1242	72	U
12672-29-6	Aroclor-1248	72	U
11097-69-1	Aroclor-1254	72	U
11096-82-5	Aroclor-1260	72	U J

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GSD2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4966CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26704

Sample wt/vol: 30 (g/mL) g Lab File ID: 091F0101'B'

% Moisture: 46 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/01/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	62	U
11104-28-2	Aroclor-1221	123	U
11141-16-5	Aroclor-1232	62	U
53469-21-9	Aroclor-1242	62	U
12672-29-6	Aroclor-1248	62	U
11097-69-1	Aroclor-1254	62	U
11096-82-5	Aroclor-1260	62	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HSS1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4966CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26705

Sample wt/vol: 30 (g/mL) g Lab File ID: 092F0101'B'

% Moisture: 63 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/01/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: UG/KG

CAS NO.	COMPOUND		Q
12674-11-2	Aroclor-1016	90	U J
11104-28-2	Aroclor-1221	180	U
11141-16-5	Aroclor-1232	90	U
[illegible]469-21-9	Aroclor-1242	90	U
12672-29-6	Aroclor-1248	90	U
11097-69-1	Aroclor-1254	90	U V
11096-82-5	Aroclor-1260	90	U J

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HSS2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4966CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26706

Sample wt/vol: 30 (g/mL) g Lab File ID: 093F0101'B'

% Moisture: 55 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/01/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: UG/KG

CAS NO.	COMPOUND		Q
12674-11-2	Aroclor-1016	74	U J
11104-28-2	Aroclor-1221	148	U
11141-16-5	Aroclor-1232	74	U
[illegible]469-21-9	Aroclor-1242	74	U
12672-29-6	Aroclor-1248	74	U
11097-69-1	Aroclor-1254	74	U ✓
11096-82-5	Aroclor-1260	74	U J

FORM I PEST

CHEMTECH

CASE NARRATIVE

RECEIVED
SEP 15 1997

WESTON
RFP 2090 Site G2
TDD# 02-97-02-0015
Chemtech # 4967CLP

A. Number of Samples and Date of Sample Receipt:
51 Soil samples were delivered to the laboratory intact on 8/27/97. Some samples were assigned to Projects 4865CLP, 4966CLP and 4968CLP.

B. Parameters:
Tests requested on the Chain of Custody were PCBs.

C. Analytical Techniques:
The analysis of PCBs is based on SW 846 Method 8080.

D. QA/ QC Samples
The Surrogate Recoveries for each sample are found in Form II-F. Initial Calibration of Single Component Analytes results are found on Form 6 D & E. Initial Calibration of Multicomponent Analytes is found on Form 6 F. The Analyte Resolution Summary is on Form 6G and the Calibration Verification Summaries are on Form 7D & E. Method Blank Summaries are located on Form IV-C. The Matrix Spike and Matrix Spike Duplicate were analyzed and are reported on Form 3F.

Surrogate recoveries met QC requirements except for the folowing samples; OSED(D)2DL, PSED(S)DL, RSED(S)DL, SSED(S)DL, SSED(D)DL, TSED(S)DL. MS/ MSDs recoveries and RPDs met requirements. Calibrations met requirements. Surrogate Retention Times were within QC limits. Blank analyses did not indicate the presence of contamination.

I certify that the data package is in compliance with the terms and conditions of the contract both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.

Signature _____ NAME Divyajit Mehta _____

Date 9-11-97 Title Laboratory Director

CHEMTECH

LABORATORY REPORT

COVER PAGE

Lab Name: Chemtech Consulting Group Client: ROY F. WESTON, INC.
Lab Code: CHEM Project No.: 4967CLP Project Name: RFP 2090

Client Sample No.	Lab Sample ID
DNS1	26707
DNS1 MS	26708
DNS1 MSD	26709
HSD1	26710
BSD1	26711
BSD2	26712
CSS1	26713
HSD2	26714
NSED(S)	26715
NSED(D)	26716
OSED(S)1	26717
OSED(D)1	26718
OSED(S)2	26719
OSED(D)2	26720
PSED(S)	26721
QSED(S)	26722
RSED(S)	26723
SSED(S)	26724
SSED(D)	26725
TSED(S)	26726
USED(S)	26727
VSED(S)	26728

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designed, as verified by the following signature.

Signature: _____ Name: DIVYA MEHTA

Date : 9-11-97 Title: LAB DIRECTOR

000002

110 Route 4
Englewood, New Jersey 07631
Phone: (201) 567-6868 Fax: (201) 567-1333

512 Route 9
Forked River, New Jersey 08731
Phone: (609) 693-2111 Fax: (609) 971-9300

NYSDOH Certification No. 10624
NJDEP Certification No. 02548

NJDEP Certification No. 15004

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DNS1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4967CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26707

Sample wt/vol: 30 (g/mL) g Lab File ID: 070F0101'A'

% Moisture: 32 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/31/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	49	U
11104-28-2	Aroclor-1221	98	U
11141-16-5	Aroclor-1232	49	U
53469-21-9	Aroclor-1242	49	U
12672-29-6	Aroclor-1248	49	U
11097-69-1	Aroclor-1254	49	U
11096-82-5	Aroclor-1260	49	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HSD1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4967CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26710

Sample wt/vol: 30 (g/mL) g Lab File ID: 071F0101'A'

% Moisture: 58 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/31/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	79	U J
11104-28-2	Aroclor-1221	159	U
11141-16-5	Aroclor-1232	79	U
53469-21-9	Aroclor-1242	79	U
12672-29-6	Aroclor-1248	79	U
11097-69-1	Aroclor-1254	79	U
11096-82-5	Aroclor-1260	79	U J

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BSD1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4967CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26711

Sample wt/vol: 30 (g/mL) g Lab File ID: 072F0101'A'

% Moisture: 30 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/31/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	48	U
11104-28-2	Aroclor-1221	95	U
11141-16-5	Aroclor-1232	48	U
53469-21-9	Aroclor-1242	48	U
12672-29-6	Aroclor-1248	48	U
11097-69-1	Aroclor-1254	48	U
11096-82-5	Aroclor-1260	48	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BSD2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4967CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26712

Sample wt/vol: 30 (g/mL) g Lab File ID: 073F0101'A'

% Moisture: 26 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/31/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	45	U
11104-28-2	Aroclor-1221	90	U
11141-16-5	Aroclor-1232	45	U
53469-21-9	Aroclor-1242	45	U
12672-29-6	Aroclor-1248	45	U
11097-69-1	Aroclor-1254	45	U
11096-82-5	Aroclor-1260	45	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CSS1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4967CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26713

Sample wt/vol: 30 (g/mL) g Lab File ID: 074F0101'A'

% Moisture: 28 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/31/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	46	U
11104-28-2	Aroclor-1221	93	U
11141-16-5	Aroclor-1232	46	U
53469-21-9	Aroclor-1242	46	U
12672-29-6	Aroclor-1248	46	U
11097-69-1	Aroclor-1254	46	U
11096-82-5	Aroclor-1260	46	U

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HSD2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4967CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26714

Sample wt/vol: 30 (g/mL) g Lab File ID: 075F0101'A'

% Moisture: 50 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/31/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	67	U J
11104-28-2	Aroclor-1221	133	U
11141-16-5	Aroclor-1232	67	U
53469-21-9	Aroclor-1242	67	U
672-29-6	Aroclor-1248	67	U
11097-69-1	Aroclor-1254	67	U
11096-82-5	Aroclor-1260	67	U J

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NSED(S)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4967CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26715

Sample wt/vol: 30 (g/mL) g Lab File ID: 076F0101'A'

% Moisture: 40 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/31/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	56	U
11104-28-2	Aroclor-1221	111	U
11141-16-5	Aroclor-1232	56	U
53469-21-9	Aroclor-1242	56	U
12672-29-6	Aroclor-1248	56	U
11097-69-1	Aroclor-1254	840 ~~912~~	
11096-82-5	Aroclor-1260	56	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NSED(D)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4967CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26716

Sample wt/vol: 30 (g/mL) g Lab File ID: 079F0101'A'

% Moisture: 13 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/31/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	77	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	~~773~~ 770	
11096-82-5	Aroclor-1260	38	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OSED(S)1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4967CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26717

Sample wt/vol: 30 (g/mL) g Lab File ID: 080F0101'A'

% Moisture: 22 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/31/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	43	U
11104-28-2	Aroclor-1221	85	U
11141-16-5	Aroclor-1232	43	U
53469-21-9	Aroclor-1242	43	U
12672-29-6	Aroclor-1248	43	U
11097-69-1	Aroclor-1254	43	U
11096-82-5	Aroclor-1260	43	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OSED(D)1

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4967CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26718

Sample wt/vol: 30 (g/mL) g Lab File ID: 081F0101'A'

% Moisture: 14 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/31/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	77	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	39	U
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	590 ~~586~~	
11096-82-5	Aroclor-1260	39	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OSED(S)2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4967CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26719

Sample wt/vol: 30 (g/mL) g Lab File ID: 082F0101'A'

% Moisture: 40 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/01/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	56	U
11104-28-2	Aroclor-1221	111	U
11141-16-5	Aroclor-1232	56	U
53469-21-9	Aroclor-1242	56	U
12672-29-6	Aroclor-1248	56	U
11097-69-1	Aroclor-1254	300 ~~296~~	
11096-82-5	Aroclor-1260	56	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OSED(D)2

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4967CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26720

Sample wt/vol: 30 (g/mL) g Lab File ID: 009F0201'A'

% Moisture: 33 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/03/97

Injection Volume: 2 (uL) Dilution Factor: 50

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: UG/KG

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	2500	U
11104-28-2	Aroclor-1221	5000	U
11141-16-5	Aroclor-1232	2500	U
53469-21-9	Aroclor-1242	2500	U
12672-29-6	Aroclor-1248	2500	U
11097-69-1	Aroclor-1254	8300 ~~8325~~	
11096-82-5	Aroclor-1260	2500	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PSED(S)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4967CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26721

Sample wt/vol: 30 (g/mL) g Lab File ID: 010F0201'A'

% Moisture: 23 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/03/97

Injection Volume: 2 (uL) Dilution Factor: 100

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	4300	U
11104-28-2	Aroclor-1221	8600	U
11141-16-5	Aroclor-1232	4300	U
53[illegible]-21-9	Aroclor-1242	4300	U
12672-29-6	Aroclor-1248	4300	U
11097-69-1	Aroclor-1254	22000 ~~22407~~	
11096-82-5	Aroclor-1260	4300	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

QSED(S)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4967CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26722

Sample wt/vol: 30 (g/mL) g Lab File ID: 085F0101'A'

% Moisture: 21 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/01/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: UG/KG

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	42	U
11104-28-2	Aroclor-1221	84	U
11141-16-5	Aroclor-1232	42	U
[illegible]469-21-9	Aroclor-1242	42	U
12672-29-6	Aroclor-1248	42	U
11097-69-1	Aroclor-1254	610 ~~606~~	
11096-82-5	Aroclor-1260	42	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RSED(S)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4967CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26723

Sample wt/vol: 30 (g/mL) g Lab File ID: 012F0201'A'

% Moisture: 20 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/03/97

Injection Volume: 2 (uL) Dilution Factor: 20

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	833	U
11104-28-2	Aroclor-1221	1666	U
11141-16-5	Aroclor-1232	833	U
53469-21-9	Aroclor-1242	833	U
12672-29-6	Aroclor-1248	833	U
11097-69-1	Aroclor-1254	~~1419~~ 1400	
11096-82-5	Aroclor-1260	833	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SSED(S)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4967CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26724

Sample wt/vol: 30 (g/mL) g Lab File ID: 013F0201'A'

% Moisture: 34 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/04/97

Injection Volume: 2 (uL) Dilution Factor: 50

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	2523	U
11104-28-2	Aroclor-1221	5046	U
11141-16-5	Aroclor-1232	2523	U
53469-21-9	Aroclor-1242	2523	U
12672-29-6	Aroclor-1248	2523	U
11097-69-1	Aroclor-1254	7200 ~~7189~~	
11096-82-5	Aroclor-1260	2523	U

FORM I PEST

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SSED(D)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4967CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26725

Sample wt/vol: 30 (g/mL) g Lab File ID: 014F0201'A'

% Moisture: 28 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/04/97

Injection Volume: 2 (uL) Dilution Factor: 20

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	925	U
11104-28-2	Aroclor-1221	1850	U
11141-16-5	Aroclor-1232	925	U
[illegible]469-21-9	Aroclor-1242	925	U
12672-29-6	Aroclor-1248	925	U
11097-69-1	Aroclor-1254	2000 ~~1977~~	
11096-82-5	Aroclor-1260	925	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSED(S)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4967CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26726

Sample wt/vol: 30 (g/mL) g Lab File ID: 018F0201'A'

% Moisture: 28 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/04/97

Injection Volume: 2 (uL) Dilution Factor: 200

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: UG/KG

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	9250	U
11104-28-2	Aroclor-1221	18500	U
11141-16-5	Aroclor-1232	9250	U
53469-21-9	Aroclor-1242	9250	U
12672-29-6	Aroclor-1248	9250	U
11097-69-1	Aroclor-1254	15000 ~~9250~~	~~U~~
11096-82-5	Aroclor-1260	9250	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

USED(S)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4967CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26727

Sample wt/vol: 30 (g/mL) g Lab File ID: 092F0101'A'

% Moisture: 15 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/01/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	78	U
11141-16-5	Aroclor-1232	39	U
[illegible]469-21-9	Aroclor-1242	39	U
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	39	U
11096-82-5	Aroclor-1260	39	U

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VSED(S)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4967CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26728

Sample wt/vol: 30 (g/mL) g Lab File ID: 093F0101'A'

% Moisture: 16 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/01/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	40	U
11104-28-2	Aroclor-1221	79	U
11141-16-5	Aroclor-1232	40	U
[illegible]469-21-9	Aroclor-1242	40	U
12672-29-6	Aroclor-1248	40	U
11097-69-1	Aroclor-1254	65	
11096-82-5	Aroclor-1260	40	U

FORM I PEST

CHEMTECH

CASE NARRATIVE

RECEIVED
SEP 15 1997

WESTON
RFP 2090 Site G2
TDD# 02-97-02-0015
Chemtech # 4968CLP

A. Number of Samples and Date of Sample Receipt:
6 Soil samples and 1 aqueous sample were delivered to the laboratory intact on 8/27/97. Some samples were assigned to Project 4967CLP.

B. Parameters:
Tests requested on the Chain of Custody were PCBs.

C. Analytical Techniques:
The analysis of PCBs is based on SW 846 Method 8080.

D. QA/ QC Samples
The Surrogate Recoveries for each sample are found in Form II-F. Initial Calibration of Single Component Analytes results are found on Form 6 D & E. Initial Calibration of Multicomponent Analytes is found on Form 6 F. The Analyte Resolution Summary is on Form 6G and the Calibration Verification Summaries are on Form 7D & E. Method Blank Summaries are located on Form IV-C. The Matrix Spike and Matrix Spike Duplicate were analyzed and are reported on Form 3F.

Surrogate recoveries met QC requirements. MS/ MSDs recoveries and RPDs met requirements. Calibrations met requirements. Surrogate Retention Times were within QC limits. Blank analyses did not indicate the presence of contamination.

I certify that the data package is in compliance with the terms and conditions of the contract both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.

Signature _____ NAME Divyajit Mehta _____

Date 9/11/97 Title Laboratory Director

CHEMTECH

LABORATORY REPORT

RECEIVED
SEP 15 1997

COVER PAGE

Lab Name: Chemtech Consulting Group
Lab Code: CHEM Project No.: 4968CLP

Client: ROY F. WESTON, INC.
Project Name: RFP 2090

Client Sample No.	Lab Sample ID
WSED(S)	26729
WSED(D)	26730
RB-3	26731
WSED(D) MS	26732
WSED(D) MSD	26733

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Signature: _____ Name: DIVYA MEHTA

Date : 9/11/97 Title: LAB DIRECTOR

000002

110 Route 4
Englewood, New Jersey 07631
Phone: (201) 567-6868 Fax: (201) 567-1333

512 Route 9
Forked River, New Jersey 08731
Phone: (609) 693-2111 Fax: (609) 971-9300

NYSDOH Certification No. 10624
NJDEP Certification No. 02548

NJDEP Certification No. 15004

1D PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WSED(S)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4968CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26729

Sample wt/vol: 30 (g/mL) g Lab File ID: 098F0101'A'

% Moisture: 26 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/01/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: UG/KG

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	45	U
11104-28-2	Aroclor-1221	90	U
11141-16-5	Aroclor-1232	45	U
53469-21-9	Aroclor-1242	45	U
12672-29-6	Aroclor-1248	45	U
11097-69-1	Aroclor-1254	140 ~~136~~ ~~219~~	
11096-82-5	Aroclor-1260	45	U

FORM I PEST

1D PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

W6ED(D)

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4968CLP SAS No.: SDG No.:

Matrix: SOIL Lab Sample ID: 26730

Sample wt/vol: 30 (g/mL) g Lab File ID: 099F0101'A'

% Moisture: 17 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/01/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: UG/KG

CAS NO.	COMPOUND		Q
12674-11-2	Aroclor-1016	40	U
11104-28-2	Aroclor-1221	80	U
11141-16-5	Aroclor-1232	40	U
53469-21-9	Aroclor-1242	40	U
12672-29-6	Aroclor-1248	200 ~~136~~	
11097-69-1	Aroclor-1254	40	U
11096-82-5	Aroclor-1260		

FORM I PEST

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB-3

Lab Name: CHEMTECH CONSULTING GROUP Contract: ROY F. WESTON

Lab Code: CHEM Case No.: 4968CLP SAS No.: SDG No.:

Matrix: WATER Lab Sample ID: 26731

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 100F0101'A'

% Moisture: 100 decanted: (Y/N) N Date Received: 08/27/97

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 08/29/97

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/01/97

Injection Volume: 2 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	UG/L	Q
12674-11-2	Aroclor-1016	1	U
11104-28-2	Aroclor-1221	2	U
11141-16-5	Aroclor-1232	1	U
53469-21-9	Aroclor-1242	1	U
12672-29-6	Aroclor-1248	1	U
11097-69-1	Aroclor-1254	1	U
11096-82-5	Aroclor-1260	1	U

FORM I PEST

CHEMTECH

CASE NARRATIVE

RECEIVED
SEP 25 1997

WESTON
PO # 83814
Chemtech # 5026CLP

A. Number of Samples and Date of Sample Receipt:
22 Soil samples were delivered to the laboratory intact on 9/3/97. Six samples were assigned to Project # 5027CLP.

B. Parameters:
Tests requested on the Chain of Custody were PCBs.

C. Analytical Techniques:
The analysis of PCBs is based on SW 846 Method 8080.

D. QA/ QC Samples
The Surrogate Recoveries for each sample are found in Form II-F. Initial Calibration of Single Component Analytes results are found on Form 6 D & E. Initial Calibration of Multicomponent Analytes is found on Form 6 F. The Analyte Resolution Summary is on Form 6G and the Calibration Verification Summaries are on Form 7D & E. Method Blank Summaries are located on Form IV-C. The Matrix Spike and Matrix Spike Duplicate were analyzed and are reported on Form 3F.

Surrogate recoveries met QC requirements. MS/ MSDs recoveries and RPDs met requirements. Calibrations met requirements. Surrogate Retention Times were within QC limits. Blank analyses did not indicate the presence of contamination.

I certify that the data package is in compliance with the terms and conditions of the contract both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.

Signature _____ NAME Divyajit Mehta _____

Date 9/24/97 Title Laboratory Director

CHEMTECH

LABORATORY REPORT

COVER PAGE

Lab Name: Chemtech Consulting Group Client: ROY F. WESTON, INC.
Lab Code: CHEM Project No.: 5026CLP Project Name: PO 83814

Client Sample No.	Lab Sample ID
QSS2	27122
QSD2	27123
RSS1	27124
RSS2	27125
RSD1	27126
RNS1	27127
RNS2	27128
RND1	27129
RND2	27130
SNS1	27131
SNS1 MS	27132
SNS1 MSD	27133
TND2	27134
TSS1	27135
TSS2	27136
TSD1	27137
TSD2	27138
RSD2	27139

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designed, as verified by the following signature.

Signature: _____ Name: DIVYA MEHTA

Date : 9-24-97 Title: LAB DIRECTOR

110 Route 4
Englewood, New Jersey 07631
Phone: (201) 567-6868 Fax: (201) 567-1333

512 Route 9
Forked River, New Jersey 08731
Phone: (609) 693-2111 Fax: (609) 971-9300

NYSDOH Certification No. 10624
NJDEP Certification No. 02548.

NJDEP Certification No. 15004

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

QSS2DL

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5026

Matrix: (soil/water) SOIL Lab Sample ID: 27122D

Sample wt/vol: 30.0 (g/ml) G Lab File ID:

% Moisture: 23 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: ~~08/05/97~~ 09/09/97

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	430	U
11104-28-2	Aroclor-1221	870	U
11141-16-5	Aroclor-1232	430	U
53469-21-9	Aroclor-1242	430	U
12672-29-6	Aroclor-1248	430	U
11097-69-1	Aroclor-1254	2300 ~~2290~~	~~D~~
11096-82-5	Aroclor-1260	430	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

QSD2DL

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5026

Matrix: (soil/water) SOIL Lab Sample ID: 27123D

Sample wt/vol: 30.0 (g/ml) G Lab File ID:

% Moisture: 45 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/05/97

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	610	U
11104-28-2	Aroclor-1221	1200	U
11141-16-5	Aroclor-1232	610	U
53469-21-9	Aroclor-1242	610	U
12672-29-6	Aroclor-1248	610	U
11097-69-1	Aroclor-1254	3900 ~~3890~~	~~D~~
11096-82-5	Aroclor-1260	610	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RSS1

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5026

Matrix: (soil/water) SOIL Lab Sample ID: 27124

Sample wt/vol: 30.0 (g/ml) G Lab File ID:

% Moisture: 48 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/05/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	64	U
11104-28-2	Aroclor-1221	130	U
11141-16-5	Aroclor-1232	64	U
53469-21-9	Aroclor-1242	64	U
12672-29-6	Aroclor-1248	64	U
11097-69-1	Aroclor-1254	340 ~~343~~	
11096-82-5	Aroclor-1260	64	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RSS2

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5026

Matrix: (soil/water) SOIL Lab Sample ID: 27125

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 59 decanted: (Y/N) Y Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/05/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	81	U J
11104-28-2	Aroclor-1221	160	U
11141-16-5	Aroclor-1232	81	U
53469-21-9	Aroclor-1242	81	U
12672-29-6	Aroclor-1248	81	U
11097-69-1	Aroclor-1254	440	
11096-82-5	Aroclor-1260	81	U J

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RSD1

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5026

Matrix: (soil/water) SOIL Lab Sample ID: 27126

Sample wt/vol: 30.0 (g/ml) G Lab File ID:

% Moisture: 58 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/05/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	79	U J
11104-28-2	Aroclor-1221	160	U
11141-16-5	Aroclor-1232	79	U
53469-21-9	Aroclor-1242	79	U
12672-29-6	Aroclor-1248	79	U J
11097-69-1	Aroclor-1254	1200	~~D~~ J 9/24
11096-82-5	Aroclor-1260	79	U J

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RNS1

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5026

Matrix: (soil/water) SOIL Lab Sample ID: 27127

Sample wt/vol: 30.0 (g/ml) G Lab File ID:

% Moisture: 21 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/05/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	42	U
11104-28-2	Aroclor-1221	84	U
11141-16-5	Aroclor-1232	42	U
53469-21-9	Aroclor-1242	42	U
12672-29-6	Aroclor-1248	42	U
11097-69-1	Aroclor-1254	110 ~~42~~	~~U~~
11096-82-5	Aroclor-1260	42	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RNS2DL

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5026

Matrix: (soil/water) SOIL Lab Sample ID: 27128D

Sample wt/vol: 30.0 (g/ml) G Lab File ID:

% Moisture: 21 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/05/97

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	420	U
11104-28-2	Aroclor-1221	840	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	420	U
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	2900 ~~2860~~	~~D~~
11096-82-5	Aroclor-1260	420	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RND1

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5026

Matrix: (soil/water) SOIL Lab Sample ID: 27129

Sample wt/vol: 30.0 (g/ml) G Lab File ID:

% Moisture: 20 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/05/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	42	U
11104-28-2	Aroclor-1221	83	U
11141-16-5	Aroclor-1232	42	U
53469-21-9	Aroclor-1242	42	U
12672-29-6	Aroclor-1248	42	U
11097-69-1	Aroclor-1254	280 ~~275~~	
11096-82-5	Aroclor-1260	42	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RND2

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5026

Matrix: (soil/water) SOIL Lab Sample ID: 27130

Sample wt/vol: 30.0 (g/ml) G Lab File ID:

% Moisture: 9 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/05/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	73	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	140 ~~37~~	~~U~~
11096-82-5	Aroclor-1260	37	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SNS1

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5026

Matrix: (soil/water) SOIL Lab Sample ID: 27131

Sample wt/vol: 30.0 (g/ml) G Lab File ID:

% Moisture: 26 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/05/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	45	U
11104-28-2	Aroclor-1221	90	U
11141-16-5	Aroclor-1232	45	U
53469-21-9	Aroclor-1242	45	U
12672-29-6	Aroclor-1248	45	U
11097-69-1	Aroclor-1254	450 ~~452~~	~~U~~
11096-82-5	Aroclor-1260	45	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TND2

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5026

Matrix: (soil/water) SOIL Lab Sample ID: 27134

Sample wt/vol: 30.0 (g/ml) G Lab File ID:

% Moisture: 12 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/05/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	76	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	370	
11096-82-5	Aroclor-1260	38	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSS1DL

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5026

Matrix: (soil/water) SOIL Lab Sample ID: 27135D

Sample wt/vol: 30.0 (g/ml) G Lab File ID:

% Moisture: 33 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/05/97

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	500	U
11104-28-2	Aroclor-1221	1000	U
11141-16-5	Aroclor-1232	500	U
53469-21-9	Aroclor-1242	500	U
12672-29-6	Aroclor-1248	500	U
11097-69-1	Aroclor-1254	2100 ~~2070~~	~~D~~
11096-82-5	Aroclor-1260	500	U

FORM I PEST 3/90

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSS2DL

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5026

Matrix: (soil/water) SOIL Lab Sample ID: 27136D

Sample wt/vol: 30.0 (g/ml) G Lab File ID:

% Moisture: 31 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/05/97

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	480	U
11104-28-2	Aroclor-1221	970	U
11141-16-5	Aroclor-1232	480	U
53469-21-9	Aroclor-1242	480	U
12672-29-6	Aroclor-1248	480	U
11097-69-1	Aroclor-1254	2700	~~D~~
11096-82-5	Aroclor-1260	480	U

PESTICIDE ORGANICS ANALYSIS DATA SHEET

TSD1

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5026

Matrix: (soil/water) SOIL Lab Sample ID: 27137

Sample wt/vol: 30.0 (g/ml) G Lab File ID:

% Moisture: 64 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/05/97

Injection Volume: 1.0 (uL) Dilution Factor: ~~1.0~~ 2.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	93	U
11104-28-2	Aroclor-1221	190	U
11141-16-5	Aroclor-1232	93	U
53469-21-9	Aroclor-1242	93	U
12672-29-6	Aroclor-1248	93	U
11097-69-1	Aroclor-1254	930 ~~906~~	
11096-82-5	Aroclor-1260	93	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TSD2DL

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5026

Matrix: (soil/water) SOIL Lab Sample ID: 27138D

Sample wt/vol: 30.0 (g/ml) G Lab File ID:

% Moisture: 67 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/05/97

Injection Volume: 1.0 (uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	2000	U J
11104-28-2	Aroclor-1221	4000	U
11141-16-5	Aroclor-1232	2000	U
53469-21-9	Aroclor-1242	2000	U
12672-29-6	Aroclor-1248	2000	U
11097-69-1	Aroclor-1254	27000	~~U~~
11096-82-5	Aroclor-1260	2000	U J

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RSD2

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5026

Matrix: (soil/water) SOIL Lab Sample ID: 27139

Sample wt/vol: 30.0 (g/ml) G Lab File ID:

% Moisture: 55 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/05/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	74	U J
11104-28-2	Aroclor-1221	150	U
11141-16-5	Aroclor-1232	74	U
53469-21-9	Aroclor-1242	74	U
12672-29-6	Aroclor-1248	74	U
11097-69-1	Aroclor-1254	340 ~~74~~	~~U~~
11096-82-5	Aroclor-1260	74	U J

CHEMTECH

CASE NARRATIVE

RECEIVED
SEP 30 1997

WESTON
PO # 83814
Chemtech # 5027CLP

A. Number of Samples and Date of Sample Receipt:
33 Soil samples were delivered to the laboratory intact on 9/3/97. Thirteen samples were assigned to other Project numbers.

B. Parameters:
Tests requested on the Chain of Custody were PCBs.

C. Analytical Techniques:
The analysis of PCBs is based on SW 846 Method 8080.

D. QA/ QC Samples
The Surrogate Recoveries for each sample are found in Form II-F. Initial Calibration of Single Component Analytes results are found on Form 6 D & E. Initial Calibration of Multicomponent Analytes is found on Form 6 F. The Analyte Resolution Summary is on Form 6G and the Calibration Verification Summaries are on Form 7D & E. Method Blank Summaries are located on Form IV-C. The Matrix Spike and Matrix Spike Duplicate were analyzed and are reported on Form 3F.

Surrogate recoveries met QC requirements. MS/ MSDs recoveries and RPDs met requirements. Calibrations met requirements. Surrogate Retention Times were within QC limits. Blank analyses did not indicate the presence of contamination.

I certify that the data package is in compliance with the terms and conditions of the contract both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.

Signature (SIGN FOR DM) NAME Divyajit Mehta

Date 09/29/97 Title Laboratory Director

CHEMTECH

LABORATORY REPORT

RECEIVED
SEP 10 1997

COVER PAGE

Lab Name: Chemtech Consulting Group
Lab Code: CHEM Project No.: 5027CLP

Client: ROY F. WESTON, INC.
Project Name: PO 83814

Client Sample No.	Lab Sample ID
UNS1	27140
UNS1 MS	27141
UNS1 MSD	27142
UNS2	27143
UNS3	27144
UND1	27145
UND2	27146
USS1	27147
SNS2	27148
SNS3	27149
SND1	27150
SND2	27151
SSS1	27152
SSS2	27153
SSD1	27154
SSD2	27155
TNS1	27156
TNS2	27157
TND1	27158
PSD2	27159
PND1	27160
PND2	27161

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designed, as verified by the following signature.

Signature: (SIGN FOR DM) Name: DIVYA MEHTA

Date : 09/29/97 Title: LAB DIRECTOR

110 Route 4
Englewood, New Jersey 07631
Phone: (201) 567-6868 Fax: (201) 567-1333

512 Route 9
Forked River, New Jersey 08731
Phone: (609) 693-2111 Fax: (609) 971-9300

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

UNS1DL

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5027

Matrix: (soil/water) SOIL Lab Sample ID: 27140D

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 19 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: ~~09/30/97~~ 09/26/97

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	410	U
11104-28-2	Aroclor-1221	820	U
11141-16-5	Aroclor-1232	410	U
53469-21-9	Aroclor-1242	410	U
12672-29-6	Aroclor-1248	410	U
11097-69-1	Aroclor-1254	3700 ~~3660~~	~~D~~
11096-82-5	Aroclor-1260	410	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

UMS2DL

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5027

Matrix: (soil/water) SOIL Lab Sample ID: 27143D

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 20 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/06/97

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	420	U
11104-28-2	Aroclor-1221	830	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	420	U
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	4670 ~~4630~~	~~D~~
11096-82-5	Aroclor-1260	420	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

cmp 9/29

N

UMS3DL

L Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5027

Matrix: (soil/water) SOIL Lab Sample ID: 27144D

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 19 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/06/97

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2------	Aroclor-1016	410	U
11104-28-2------	Aroclor-1221	820	U
11141-16-5------	Aroclor-1232	410	U
53469-21-9------	Aroclor-1242	410	U
12672-29-6------	Aroclor-1248	410	U
11097-69-1------	Aroclor-1254	3600 ~~3630~~	~~D~~
11096-82-5------	Aroclor-1260	410	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

UND1DL

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5027

Matrix: (soil/water) SOIL Lab Sample ID: 27145D

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 18 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/06/97

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	410	U
11104-28-2	Aroclor-1221	810	U
11141-16-5	Aroclor-1232	410	U
53469-21-9	Aroclor-1242	410	U
12672-29-6	Aroclor-1248	410	U
11097-69-1	Aroclor-1254	4500 ~~4509~~	~~D~~
11096-82-5	Aroclor-1260	410	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

UND2DL

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5027

Matrix: (soil/water) SOIL Lab Sample ID: 27146D

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 19 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/06/97

Injection Volume: 1.0 (uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	820	U
11104-28-2	Aroclor-1221	1600	U
11141-16-5	Aroclor-1232	820	U
53469-21-9	Aroclor-1242	820	U
12672-29-6	Aroclor-1248	820	U
11097-69-1	Aroclor-1254	4500 ~~4460~~	~~D~~
11096-82-5	Aroclor-1260	820	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

USS1DL

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5027

Matrix: (soil/water) SOIL Lab Sample ID: 27147D

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 10 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/06/97

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	370	U
11104-28-2	Aroclor-1221	740	U
11141-16-5	Aroclor-1232	370	U
53469-21-9	Aroclor-1242	370	U
12672-29-6	Aroclor-1248	370	U
11097-69-1	Aroclor-1254	3200 ~~8740~~	~~D~~
11096-82-5	Aroclor-1260	370	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SNS2

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5027

Matrix: (soil/water) SOIL Lab Sample ID: 27148

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 30 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/06/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	48	U
11104-28-2	Aroclor-1221	95	U
11141-16-5	Aroclor-1232	48	U
53469-21-9	Aroclor-1242	48	U
12672-29-6	Aroclor-1248	48	U
11097-69-1	Aroclor-1254	650 ~~880~~	
11096-82-5	Aroclor-1260	48	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SNS3

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5027

Matrix: (soil/water) SOIL Lab Sample ID: 27149

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 25 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/06/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2------	Aroclor-1016	44	U
11104-28-2------	Aroclor-1221	89	U
11141-16-5------	Aroclor-1232	44	U
53469-21-9------	Aroclor-1242	44	U
12672-29-6------	Aroclor-1248	44	U
11097-69-1------	Aroclor-1254	470 ~~400~~	
11096-82-5------	Aroclor-1260	44	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SND1

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5027

Matrix: (soil/water) SOIL Lab Sample ID: 27150

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 43 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/06/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2------	Aroclor-1016	58	U
11104-28-2------	Aroclor-1221	120	U
11141-16-5------	Aroclor-1232	58	U
53469-21-9------	Aroclor-1242	58	U
12672-29-6------	Aroclor-1248	58	U
11097-69-1------	Aroclor-1254	320	
11096-82-5------	Aroclor-1260	58	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SND2

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5027

Matrix: (soil/water) SOIL Lab Sample ID: 27151

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 40 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/06/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	56	U
11104-28-2	Aroclor-1221	110	U
11141-16-5	Aroclor-1232	56	U
53469-21-9	Aroclor-1242	56	U
12672-29-6	Aroclor-1248	56	U
11097-69-1	Aroclor-1254	580	
11096-82-5	Aroclor-1260	56	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SSS1

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5027

Matrix: (soil/water) SOIL Lab Sample ID: 27152

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 42 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/06/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	57	U
11104-28-2	Aroclor-1221	110	U
11141-16-5	Aroclor-1232	57	U
53469-21-9	Aroclor-1242	57	U
12672-29-6	Aroclor-1248	57	U
11097-69-1	Aroclor-1254	720	
11096-82-5	Aroclor-1260	57	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SSS2

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5027

Matrix: (soil/water) SOIL Lab Sample ID: 27153

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 39 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/06/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2------	Aroclor-1016	55	U
11104-28-2------	Aroclor-1221	110	U
11141-16-5------	Aroclor-1232	55	U
53469-21-9------	Aroclor-1242	55	U
12672-29-6------	Aroclor-1248	55	U
11097-69-1------	Aroclor-1254	420	
11096-82-5------	Aroclor-1260	55	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SSD1

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5027

Matrix: (soil/water) SOIL Lab Sample ID: 27154

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 54 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/06/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	72	U J
11104-28-2	Aroclor-1221	140	U
11141-16-5	Aroclor-1232	72	U
53469-21-9	Aroclor-1242	72	U
12672-29-6	Aroclor-1248	72	U
11097-69-1	Aroclor-1254	320	
11096-82-5	Aroclor-1260	72	U J

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SSD2

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5027

Matrix: (soil/water) SOIL Lab Sample ID: 27155

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 55 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/07/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	74	U J
11104-28-2	Aroclor-1221	150	U
11141-16-5	Aroclor-1232	74	U
53469-21-9	Aroclor-1242	74	U
12672-29-6	Aroclor-1248	74	U
11097-69-1	Aroclor-1254	420	
11096-82-5	Aroclor-1260	74	U J

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TNS1DL

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5027

Matrix: (soil/water) SOIL Lab Sample ID: 27156D

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 20 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/07/97

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	420	U
11104-28-2	Aroclor-1221	830	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	420	U
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	1900 ~~1930~~	~~D~~
11096-82-5	Aroclor-1260	420	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TNS2DL

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5027

Matrix: (soil/water) SOIL Lab Sample ID: 27157D

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 23 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/07/97

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	430	U
11104-28-2	Aroclor-1221	870	U
11141-16-5	Aroclor-1232	430	U
53469-21-9	Aroclor-1242	430	U
12672-29-6	Aroclor-1248	430	U
11097-69-1	Aroclor-1254	2100	~~D~~
11096-82-5	Aroclor-1260	430	U

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1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TND1DL

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5027

Matrix: (soil/water) SOIL Lab Sample ID: 27158D

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 15 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/07/97

Injection Volume: 1.0 (uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	780	U
11104-28-2	Aroclor-1221	1600	U
11141-16-5	Aroclor-1232	780	U
53469-21-9	Aroclor-1242	780	U
12672-29-6	Aroclor-1248	780	U
11097-69-1	Aroclor-1254	3100 ~~2060~~	~~D~~
11096-82-5	Aroclor-1260	780	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PSD2

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5027

Matrix: (soil/water) SOIL Lab Sample ID: 27159

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 48 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/07/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	64	U
11104-28-2	Aroclor-1221	130	U
11141-16-5	Aroclor-1232	64	U
53469-21-9	Aroclor-1242	64	U
12672-29-6	Aroclor-1248	64	U
11097-69-1	Aroclor-1254	1300 ~~1330~~	~~D~~
11096-82-5	Aroclor-1260	64	U

PND1

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5027

Matrix: (soil/water) SOIL Lab Sample ID: 27160

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 51 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/07/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	68	U J
11104-28-2	Aroclor-1221	140	U
11141-16-5	Aroclor-1232	68	U
53469-21-9	Aroclor-1242	68	U
12672-29-6	Aroclor-1248	68	U
11097-69-1	Aroclor-1254	68	U
11096-82-5	Aroclor-1260	68	U J

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PND2

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5027

Matrix: (soil/water) SOIL Lab Sample ID: 27161

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 60 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/07/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	83	U J
11104-28-2	Aroclor-1221	170	U
11141-16-5	Aroclor-1232	83	U
53469-21-9	Aroclor-1242	83	U
12672-29-6	Aroclor-1248	83	U
11097-69-1	Aroclor-1254	87 ~~83~~	~~U~~
11096-82-5	Aroclor-1260	83	U J

CHEMTECH

CASE NARRATIVE

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WESTON
PO # 83814
Chemtech # 5028CLP

A. Number of Samples and Date of Sample Receipt:
33 Soil samples were delivered to the laboratory intact on 9/3/97. Thirteen samples were assigned to other Project numbers.

B. Parameters:
Tests requested on the Chain of Custody were PCBs.

C. Analytical Techniques:
The analysis of PCBs is based on SW 846 Method 8080.

D. QA/ QC Samples
The Surrogate Recoveries for each sample are found in Form II-F. Initial Calibration of Single Component Analytes results are found on Form 6 D & E. Initial Calibration of Multicomponent Analytes is found on Form 6 F. The Analyte Resolution Summary is on Form 6G and the Calibration Verification Summaries are on Form 7D & E. Method Blank Summaries are located on Form IV-C. The Matrix Spike and Matrix Spike Duplicate were analyzed and are reported on Form 3F.

Surrogate recoveries met QC requirements except for the following; PIBLK02, PIBLK05, PIBLK10, PBLK01, QNS3, ONS2, PSD1, OSS2DL. MS/ MSD Recoveries and RPDs met requirements. Calibrations met requirements. Surrogate Retention Times were within QC limits. Blank analyses did not indicate the presence of contamination.

I certify that the data package is in compliance with the terms and conditions of the contract both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.

Signature _____ NAME Divyajit Mehta

Date 9/29/97 Title Laboratory Director

CHEMTECH

LABORATORY REPORT

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-1 1997

COVER PAGE

Lab Name: Chemtech Consulting Group Client: ROY F. WESTON, INC.
Lab Code: CHEM Project No.: 5028CLP Project Name: PO 83814

Client Sample No.	Lab Sample ID
PNS1	27162
PNS2	27163
QNS1	27164
QND1	27165
QNS3	27166
QND2	27167
QNS2	27168
QSS1	27169
ONS2	27170
ONS3	27171
OND1	27172
OND2	27173
OSS1	27174
OSS2	27175
OSD1	27176
OSD2	27177
PSS1	27178
PSS2	27179
PSD1	27180
DRD1	27181
QNS1 MS	27182
QNS1 MSD	27183

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designed, as verified by the following signature.

Signature: (Sign for DM) Name: DIVYA MEHTA

Date : 09/30/97 Title: LAB DIRECTOR

110 Route 4
Englewood, New Jersey 07631
Phone: (201) 567-6868 Fax: (201) 567-1333

512 Route 9
Forked River, New Jersey 08731
Phone: (609) 693-2111 Fax: (609) 971-9300

NYSDOH Certification No. 10624
NJDEP Certification No. 02548

NJDEP Certification No. 15004

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PNS1

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: SAS No.: SDG No.: 5028CLP

Matrix: (soil/water) SOIL Lab Sample ID: 27162

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 37 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: ~~08/14~~/97 9/7/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	53	U
11104-28-2	Aroclor-1221	110	U
11141-16-5	Aroclor-1232	53	U
53469-21-9	Aroclor-1242	53	U
12672-29-6	Aroclor-1248	53	U
11097-69-1	Aroclor-1254	200 ~~280~~	~~PB~~
11096-82-5	Aroclor-1260	53	U

FORM I PEST SW846

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PNS2

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: SAS No.: SDG No.: 5028CLP

Matrix: (soil/water) SOIL Lab Sample ID: 27163

Sample wt/vol: 30.0 (g/ml) G Lab File ID:

% Moisture: 30 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/07/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2------	Aroclor-1016	48	U
11104-28-2------	Aroclor-1221	95	U
11141-16-5------	Aroclor-1232	48	U
53469-21-9------	Aroclor-1242	48	U
12672-29-6------	Aroclor-1248	48	U
11097-69-1------	Aroclor-1254	340 ~~910~~ ~~48~~	~~PBU~~ J
11096-82-5------	Aroclor-1260	48	U

FORM I PEST SW846

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

QNS1

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: SAS No.: SDG No.: 5028CLP

Matrix: (soil/water) SOIL Lab Sample ID: 27164

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 12 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/07/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	76	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	310	~~PB~~
11096-82-5	Aroclor-1260	38	U

FORM I PEST SW846

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

QND1

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: SAS No.: SDG No.: 5028CLP

Matrix: (soil/water) SOIL Lab Sample ID: 27165

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 8 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/07/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	36	U
11104-28-2	Aroclor-1221	72	U
11141-16-5	Aroclor-1232	36	U
53469-21-9	Aroclor-1242	36	U
12672-29-6	Aroclor-1248	36	U
11097-69-1	Aroclor-1254	530	~~PB~~
11096-82-5	Aroclor-1260	36	U

FORM I PEST SW846

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

QNS3

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: SAS No.: SDG No.: 5028CLP

Matrix: (soil/water) SOIL Lab Sample ID: 27166

Sample wt/vol: 30.0 (g/ml) G Lab File ID:

% Moisture: 14 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/07/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	78	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	39	U
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	220	~~PB~~
11096-82-5	Aroclor-1260	39	U

FORM I PEST SW846

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

QND2

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: SAS No.: SDG No.: 5028CLP

Matrix: (soil/water) SOIL Lab Sample ID: 27167

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 8 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/07/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	36	U
11104-28-2	Aroclor-1221	72	U
11141-16-5	Aroclor-1232	36	U
53469-21-9	Aroclor-1242	36	U
12672-29-6	Aroclor-1248	36	U
11097-69-1	Aroclor-1254	540	~~PB~~
11096-82-5	Aroclor-1260	36	U

FORM I PEST SW846

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

QNS2DL

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: SAS No.: SDG No.: 5028CLP

Matrix: (soil/water) SOIL Lab Sample ID: 27168D

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 12 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/07/97

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	380	U
11104-28-2	Aroclor-1221	760	U
11141-16-5	Aroclor-1232	380	U
53469-21-9	Aroclor-1242	380	U
12672-29-6	Aroclor-1248	380	U
11097-69-1	Aroclor-1254	1000	~~PDB~~
11096-82-5	Aroclor-1260	380	U

FORM I PEST SW846

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

QSS1

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: SAS No.: SDG No.: 5028CLP

Matrix: (soil/water) SOIL Lab Sample ID: 27169

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 46 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/07/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	62	U
11104-28-2	Aroclor-1221	120	U
11141-16-5	Aroclor-1232	62	U
53469-21-9	Aroclor-1242	62	U
12672-29-6	Aroclor-1248	62	U
11097-69-1	Aroclor-1254	900	~~PB~~
11096-82-5	Aroclor-1260	62	U

FORM I PEST SW846

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ONS2

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: SAS No.: SDG No.: 5028CLP

Matrix: (soil/water) SOIL Lab Sample ID: 27170

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 19 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/07/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	82	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	41	U
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	440 ~~1300~~ ~~41~~	~~PB~~ ~~U~~ J
11096-82-5	Aroclor-1260	41	U

FORM I PEST SW846

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ONS3

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: SAS No.: SDG No.: 5028CLP

Matrix: (soil/water) SOIL Lab Sample ID: 27171

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 31 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/07/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2------	Aroclor-1016	48	U
11104-28-2------	Aroclor-1221	97	U
11141-16-5------	Aroclor-1232	48	U
53469-21-9------	Aroclor-1242	48	U
12672-29-6------	Aroclor-1248	48	U
11097-69-1------	Aroclor-1254	140 ~~280~~ ~~48~~	~~PB~~ ~~U~~ A
11096-82-5------	Aroclor-1260	48	U

FORM I PEST SW846

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OND1

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: SAS No.: SDG No.: 5028CLP

Matrix: (soil/water) SOIL Lab Sample ID: 27172

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 47 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/07/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	63	U
11104-28-2	Aroclor-1221	130	U
11141-16-5	Aroclor-1232	63	U
53469-21-9	Aroclor-1242	63	U
12672-29-6	Aroclor-1248	63	U
11097-69-1	Aroclor-1254	190	~~PB~~
11096-82-5	Aroclor-1260	63	U

FORM I PEST SW846

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OND2

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: SAS No.: SDG No.: 5028CLP

Matrix: (soil/water) SOIL Lab Sample ID: 27173

Sample wt/vol: 30.0 (g/ml) G Lab File ID:

% Moisture: 53 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/07/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	71	U J
11104-28-2	Aroclor-1221	140	U
11141-16-5	Aroclor-1232	71	U
53469-21-9	Aroclor-1242	71	U
12672-29-6	Aroclor-1248	71	U J
11097-69-1	Aroclor-1254	180 ~~160~~ ~~71~~	~~PB~~ ~~U~~ J A
11096-82-5	Aroclor-1260	71	U J

FORM I PEST SW846

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OSS1DL

Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: SAS No.: SDG No.: 5028CLP

Matrix: (soil/water) SOIL Lab Sample ID: 27174D

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 28 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/07/97

Injection Volume: 1.0 (uL) Dilution Factor: 100.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	4600	U
11104-28-2	Aroclor-1221	9300	U
11141-16-5	Aroclor-1232	4600	U
53469-21-9	Aroclor-1242	4600	U
12672-29-6	Aroclor-1248	4600	U
11097-69-1	Aroclor-1254	16000	~~PDB~~
11096-82-5	Aroclor-1260	4600	U

FORM I PEST SW846

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OSS2DL

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: SAS No.: SDG No.: 5028CLP

Matrix: (soil/water) SOIL Lab Sample ID: 27175D

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 31 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/07/97

Injection Volume: 1.0 (uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	2400	U
11104-28-2	Aroclor-1221	4800	U
11141-16-5	Aroclor-1232	2400	U
53469-21-9	Aroclor-1242	2400	U
12672-29-6	Aroclor-1248	2400	U
11097-69-1	Aroclor-1254	6500	~~PDB~~
11096-82-5	Aroclor-1260	2400	U

FORM I PEST SW846

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OSD1DL

I Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: SAS No.: SDG No.: 5028CLP

Matrix: (soil/water) SOIL Lab Sample ID: 27176D

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 23 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/08/97

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	430	U
11104-28-2	Aroclor-1221	870	U
11141-16-5	Aroclor-1232	430	U
53469-21-9	Aroclor-1242	430	U
12672-29-6	Aroclor-1248	430	U
11097-69-1	Aroclor-1254	1800	~~PDB~~
11096-82-5	Aroclor-1260	430	U

FORM I PEST SW846

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OSD2DL

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: SAS No.: SDG No.: 5028CLP

Matrix: (soil/water) SOIL Lab Sample ID: 27177D

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 31 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/08/97

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	480	U
11104-28-2	Aroclor-1221	970	U
11141-16-5	Aroclor-1232	480	U
53469-21-9	Aroclor-1242	480	U
12672-29-6	Aroclor-1248	480	U
11097-69-1	Aroclor-1254	13000	~~EDB~~
11096-82-5	Aroclor-1260	480	U

FORM I PEST SW846

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PSS1DL

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: SAS No.: SDG No.: 5028CLP

Matrix: (soil/water) SOIL Lab Sample ID: 27178D

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 19 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/08/97

Injection Volume: 1.0 (uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	820	U
11104-28-2	Aroclor-1221	1600	U
11141-16-5	Aroclor-1232	820	U
53469-21-9	Aroclor-1242	820	U
12672-29-6	Aroclor-1248	820	U
11097-69-1	Aroclor-1254	3600	~~EDB~~
11096-82-5	Aroclor-1260	820	U

FORM I PEST SW846

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PSS2

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: SAS No.: SDG No.: 5028CLP

Matrix: (soil/water) SOIL Lab Sample ID: 27179

Sample wt/vol: 30.0 (g/ml) G Lab File ID:

% Moisture: 30 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/08/97

Injection Volume: 1.0 (uL) Dilution Factor: ~~1.0~~ 10.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	48	U
11104-28-2	Aroclor-1221	95	U
11141-16-5	Aroclor-1232	48	U
53469-21-9	Aroclor-1242	48	U
12672-29-6	Aroclor-1248	48	U
11097-69-1	Aroclor-1254	1100 ~~1400~~	~~PB~~
11096-82-5	Aroclor-1260	48	U

FORM I PEST SW846

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PSD1DL

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: SAS No.: SDG No.: 5028CLP

Matrix: (soil/water) SOIL Lab Sample ID: 27180D

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 26 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/08/97

Injection Volume: 1.0 (uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	2300	U
11104-28-2	Aroclor-1221	4500	U
11141-16-5	Aroclor-1232	2300	U
53469-21-9	Aroclor-1242	2300	U
12672-29-6	Aroclor-1248	2300	U
11097-69-1	Aroclor-1254	13000	~~D~~
11096-82-5	Aroclor-1260	2300	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DRD1

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: SAS No.: SDG No.: 5028CLP

Matrix: (soil/water) SOIL Lab Sample ID: 27181

Sample wt/vol: 30.0 (g/ml) G Lab File ID:

% Moisture: 49 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/08/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	65	U
11104-28-2	Aroclor-1221	130	U
11141-16-5	Aroclor-1232	65	U
53469-21-9	Aroclor-1242	65	U
12672-29-6	Aroclor-1248	65	U
11097-69-1	Aroclor-1254	400	
11096-82-5	Aroclor-1260	65	U

CHEMTECH

CASE NARRATIVE

WESTON
PO # 83814
Chemtech # 5029CLP

A. Number of Samples and Date of Sample Receipt:
22 Soil samples were delivered to the laboratory intact on 9/3/97. Two samples were assigned to other Projects.

B. Parameters:
Tests requested on the Chain of Custody were PCBs.

C. Analytical Techniques:
The analysis of PCBs is based on SW 846 Method 8080.

D. QA/ QC Samples
The Surrogate Recoveries for each sample are found in Form II-F. Initial Calibration of Single Component Analytes results are found on Form 6 D & E. Initial Calibration of Multicomponent Analytes is found on Form 6 F. The Analyte Resolution Summary is on Form 6G and the Calibration Verification Summaries are on Form 7D & E. Method Blank Summaries are located on Form IV-C. The Matrix Spike and Matrix Spike Duplicate were analyzed and are reported on Form 3F.

Surrogate recoveries met QC requirements except for PIBLK09 and those samples which were analyzed at a dilution. MS/ MSDs recoveries and RPDs met requirements. Calibrations met requirements. Surrogate Retention Times were within QC limits. Blank analyses did not indicate the presence of contamination.

I certify that the data package is in compliance with the terms and conditions of the contract both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.

Signature _____ NAME Divyajit Mehta _____

Date 9/25/97 Title Laboratory Director

CHEMTECH

LABORATORY REPORT

COVER PAGE

Lab Name: Chemtech Consulting Group Client: ROY F. WESTON, INC.
Lab Code: CHEM Project No.: 5029CLP Project Name: PO 83814

Client Sample No.	Lab Sample ID
DRD2	27184
DRD3	27185
NND1	27186
NND2	27187
NNS1	27188
NNS2	27189
NSS1	27190
NSS2	27191
NSD2	27192
ONS1	27193
ONS1 MS	27194
ONS1 MSD	27195
USS2	27196
USD1	27197
USD2	27198
VNS1	27199
VNS2	27200
VND1	27201
VND2	27202
VSS1	27203
VSS2	27204
VSD1	27205

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designed, as verified by the following signature.

Signature: (Sign for DM) Name: DIVYA MEHTA

Date : 09/5/97 Title: LAB DIRECTOR

110 Route 4
Englewood, New Jersey 07631
Phone: (201) 567-6868 Fax: (201) 567-1333

512 Route 9
Forked River, New Jersey 08731
Phone: (609) 693-2111 Fax: (609) 971-9300

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DRD2

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5029

Matrix: (soil/water) SOIL Lab Sample ID: 27184

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 45 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/06/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	61	U
11104-28-2	Aroclor-1221	120	U
11141-16-5	Aroclor-1232	61	U
53469-21-9	Aroclor-1242	61	U
12672-29-6	Aroclor-1248	61	U
11097-69-1	Aroclor-1254	640 ~~637~~	
11096-82-5	Aroclor-1260	61	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DRD3

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5029

Matrix: (soil/water) SOIL Lab Sample ID: 27185

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 21 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/06/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	42	U
11104-28-2	Aroclor-1221	84	U
11141-16-5	Aroclor-1232	42	U
53469-21-9	Aroclor-1242	42	U
12672-29-6	Aroclor-1248	42	U
11097-69-1	Aroclor-1254	42	U
11096-82-5	Aroclor-1260	42	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NND1

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5029

Matrix: (soil/water) SOIL Lab Sample ID: 27186

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 26 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/06/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	45	U
11104-28-2	Aroclor-1221	90	U
11141-16-5	Aroclor-1232	45	U
53469-21-9	Aroclor-1242	45	U
12672-29-6	Aroclor-1248	45	U
11097-69-1	Aroclor-1254	620 ~~615~~	
11096-82-5	Aroclor-1260	45	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NND2DL

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5029

Matrix: (soil/water) SOIL Lab Sample ID: 27187D

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 20 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/06/97

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	420	U
11104-28-2	Aroclor-1221	830	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	420	U
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	5500 ~~5510~~	~~D~~
11096-82-5	Aroclor-1260	420	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NNS1DL

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5029

Matrix: (soil/water) SOIL Lab Sample ID: 27188D

Sample wt/vol: 30.0 (g/ml) G Lab File ID:

% Moisture: 30 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/06/97

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	480	U
11104-28-2	Aroclor-1221	950	U
11141-16-5	Aroclor-1232	480	U
53469-21-9	Aroclor-1242	480	U
12672-29-6	Aroclor-1248	480	U
11097-69-1	Aroclor-1254	5500 ~~5460~~	~~D~~
11096-82-5	Aroclor-1260	480	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NNS2DL

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5029

Matrix: (soil/water) SOIL Lab Sample ID: 27189D

Sample wt/vol: 30.0 (g/ml) G Lab File ID:

% Moisture: 16 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/06/97

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	400	U
11104-28-2	Aroclor-1221	790	U
11141-16-5	Aroclor-1232	400	U
53469-21-9	Aroclor-1242	400	U
12672-29-6	Aroclor-1248	400	U
11097-69-1	Aroclor-1254	5300 ~~5260~~	~~D~~
11096-82-5	Aroclor-1260	400	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NSS1DL

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5029

Matrix: (soil/water) SOIL Lab Sample ID: 27190D

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 12 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/06/97

Injection Volume: 1.0 (uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	760	U
11104-28-2	Aroclor-1221	1500	U
11141-16-5	Aroclor-1232	760	U
53469-21-9	Aroclor-1242	760	U
12672-29-6	Aroclor-1248	760	U
11097-69-1	Aroclor-1254	6000 ~~5950~~	~~D~~
11096-82-5	Aroclor-1260	760	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NSS2DL

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5029

Matrix: (soil/water) SOIL Lab Sample ID: 27191D

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 23 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/06/97

Injection Volume: 1.0 (uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	2200	U
11104-28-2	Aroclor-1221	4300	U
11141-16-5	Aroclor-1232	2200	U
53469-21-9	Aroclor-1242	2200	U
12672-29-6	Aroclor-1248	2200	U
11097-69-1	Aroclor-1254	17000 ~~17150~~	~~D~~
11096-82-5	Aroclor-1260	2200	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NSD2DL

Lab Name: CHEMTECH CONSULTING GROUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5029

Matrix: (soil/water) SOIL Lab Sample ID: 27192D

Sample wt/vol: 30.0 (g/ml) G Lab File ID:

% Moisture: 52 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/06/97

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	690	U J
11104-28-2	Aroclor-1221	1400	U
11141-16-5	Aroclor-1232	690	U
53469-21-9	Aroclor-1242	690	U
12672-29-6	Aroclor-1248	690	U
11097-69-1	Aroclor-1254	2600 ~~1050~~	D
11096-82-5	Aroclor-1260	690	U J

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ONS1

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5029

Matrix: (soil/water) SOIL Lab Sample ID: 27193

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 31 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/06/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2------	Aroclor-1016	48	U
11104-28-2------	Aroclor-1221	97	U
11141-16-5------	Aroclor-1232	48	U
53469-21-9------	Aroclor-1242	48	U
12672-29-6------	Aroclor-1248	48	U
11097-69-1------	Aroclor-1254	260 ~~257~~	~~U~~ JP 4/24
11096-82-5------	Aroclor-1260	48	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

USS2DL

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5029

Matrix: (soil/water) SOIL Lab Sample ID: 27196D

Sample wt/vol: 30.0 (g/ml) G Lab File ID:

% Moisture: 16 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/06/97

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2------	Aroclor-1016	400	U
11104-28-2------	Aroclor-1221	790	U
11141-16-5------	Aroclor-1232	400	U
53469-21-9------	Aroclor-1242	400	U
12672-29-6------	Aroclor-1248	400	U
11097-69-1------	Aroclor-1254	3100 ~~3135~~	~~D~~
11096-82-5------	Aroclor-1260	400	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

USD1

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5029

Matrix: (soil/water) SOIL Lab Sample ID: 27197

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 8 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/06/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	36	U
11104-28-2	Aroclor-1221	72	U
11141-16-5	Aroclor-1232	36	U
53469-21-9	Aroclor-1242	36	U
12672-29-6	Aroclor-1248	36	U
11097-69-1	Aroclor-1254	260 ~~262~~	~~U~~ MP 9/24
11096-82-5	Aroclor-1260	36	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

USD2

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5029

Matrix: (soil/water) SOIL Lab Sample ID: 27198

Sample wt/vol: 30.0 (g/ml) G Lab File ID:

% Moisture: 10 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/07/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	74	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	320 ~~321~~	~~U~~ NP 9/24
11096-82-5	Aroclor-1260	37	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VNS1DL

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5029

Matrix: (soil/water) SOIL Lab Sample ID: 27199D

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 15 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/07/97

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	390	U
11104-28-2	Aroclor-1221	780	U
11141-16-5	Aroclor-1232	390	U
53469-21-9	Aroclor-1242	390	U
12672-29-6	Aroclor-1248	390	U
11097-69-1	Aroclor-1254	8100 ~~8050~~	~~D~~
11096-82-5	Aroclor-1260	390	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VNS2

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5029

Matrix: (soil/water) SOIL Lab Sample ID: 27200

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 16 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/07/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	40	U
11104-28-2	Aroclor-1221	79	U
11141-16-5	Aroclor-1232	40	U
53469-21-9	Aroclor-1242	40	U
12672-29-6	Aroclor-1248	40	U
11097-69-1	Aroclor-1254	640 ~~643~~	~~U~~ np 2/24
11096-82-5	Aroclor-1260	40	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VND1

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5029

Matrix: (soil/water) SOIL Lab Sample ID: 27201

Sample wt/vol: 30.0 (g/ml) G Lab File ID:

% Moisture: 37 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/07/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	53	U
11104-28-2	Aroclor-1221	110	U
11141-16-5	Aroclor-1232	53	U
53469-21-9	Aroclor-1242	53	U
12672-29-6	Aroclor-1248	53	U
11097-69-1	Aroclor-1254	470 ~~468~~	~~U~~ np 2/24
11096-82-5	Aroclor-1260	53	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VND2DL

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5029

Matrix: (soil/water) SOIL Lab Sample ID: 27202D

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 10 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/07/97

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	370	U
11104-28-2	Aroclor-1221	740	U
11141-16-5	Aroclor-1232	370	U
53469-21-9	Aroclor-1242	370	U
12672-29-6	Aroclor-1248	370	U
11097-69-1	Aroclor-1254	3100 ~~3080~~	~~D~~
11096-82-5	Aroclor-1260	370	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VSS1DL

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5029

Matrix: (soil/water) SOIL Lab Sample ID: 27203D

Sample wt/vol: 30.0 (g/ml) G Lab File ID:

% Moisture: 20 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/07/97

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	420	U
11104-28-2	Aroclor-1221	830	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	420	U
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	4300 ~~4320~~	~~D~~
11096-82-5	Aroclor-1260	420	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VSS2

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5029

Matrix: (soil/water) SOIL Lab Sample ID: 27204

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 23 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/07/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	43	U
11104-28-2	Aroclor-1221	87	U
11141-16-5	Aroclor-1232	43	U
53469-21-9	Aroclor-1242	43	U
12672-29-6	Aroclor-1248	43	U
11097-69-1	Aroclor-1254	880	~~U~~ np 2/24
11096-82-5	Aroclor-1260	43	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VSD1DL

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5029

Matrix: (soil/water) SOIL Lab Sample ID: 27205D

Sample wt/vol: 30.0 (g/ml) G Lab File ID:

% Moisture: 47 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/03/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/07/97

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	630	U
11104-28-2	Aroclor-1221	1300	U
11141-16-5	Aroclor-1232	630	U
53469-21-9	Aroclor-1242	630	U
12672-29-6	Aroclor-1248	630	U
11097-69-1	Aroclor-1254	1800 ~~1750~~	~~D~~
11096-82-5	Aroclor-1260	630	U

CHEMTECH

CASE NARRATIVE

RECEIVED
SEP 24 1997

WESTON
PO # 83814
Chemtech # 5030CLP

A. Number of Samples and Date of Sample Receipt:
22 Soil samples were delivered to the laboratory intact on 9/3/97. Ten samples were assigned to Project # 5029CLP.

B. Parameters:
Tests requested on the Chain of Custody were PCBs.

C. Analytical Techniques:
The analysis of PCBs is based on SW 846 Method 8080.

D. QA/ QC Samples
The Surrogate Recoveries for each sample are found in Form II-F. Initial Calibration of Single Component Analytes results are found on Form 6 D & E. Initial Calibration of Multicomponent Analytes is found on Form 6 F. The Analyte Resolution Summary is on Form 6G and the Calibration Verification Summaries are on Form 7D & E. Method Blank Summaries are located on Form IV-C. The Matrix Spike and Matrix Spike Duplicate were analyzed and are reported on Form 3F.

Surrogate recoveries met QC requirements except for samples WND2, WSS1DL, WSS2DL, WNS3DL, WNS2DL, WNS1DL, WSD1DL and WSS2DL. MS/ MSDs recoveries and RPDs met requirements. Calibrations met requirements. Surrogate Retention Times were within QC limits. Blank analyses did not indicate the presence of contamination.

I certify that the data package is in compliance with the terms and conditions of the contract both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.

Signature _____ NAME Divyajit Mehta

Date 9/23/97 Title Laboratory Director

CHEMTECH

LABORATORY REPORT

COVER PAGE

Lab Name: Chemtech Consulting Group Client: ROY F. WESTON, INC.
Lab Code: CHEM Project No.: 5030CLP Project Name: 83814

Client Sample No.	Lab Sample ID
VSD2	27206
WNS1	27207
WNS1 MS	27208
WNS1 MSD	27209
WNS2	27210
WNS3	27211
WND1	27212
WND2	27213
WSS1	27214
WSS2	27215
WSD1	27216
WSD2	27217
OCS	27218
RB-4	27219

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designed, as verified by the following signature.

Signature: _____ Name: DIVYA MEHTA

Date : 9/13/92 Title: LAB DIRECTOR

110 Route 4
Englewood, New Jersey 07631
Phone: (201) 567-6868 Fax: (201) 567-1333

512 Route 9
Forked River, New Jersey 08731
Phone: (609) 693-2111 Fax: (609) 971-9300

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VSD2

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5030

Matrix: (soil/water) SOIL Lab Sample ID: 27206

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 21 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/04/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 08/14/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	42	U
11104-28-2	Aroclor-1221	84	U
11141-16-5	Aroclor-1232	42	U
53469-21-9	Aroclor-1242	42	U
12672-29-6	Aroclor-1248	42	U
11097-69-1	Aroclor-1254	400 ~~397~~	
11096-82-5	Aroclor-1260	42	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WNS1DL

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5030

Matrix: (soil/water) SOIL Lab Sample ID: 27207D

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 19 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/04/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/06/97

Injection Volume: 1.0 (uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2------	Aroclor-1016	820	U
11104-28-2------	Aroclor-1221	1600	U
11141-16-5------	Aroclor-1232	820	U
53469-21-9------	Aroclor-1242	820	U
12672-29-6------	Aroclor-1248	820	U
11097-69-1------	Aroclor-1254	7100 ~~7600~~	~~DB~~
11096-82-5------	Aroclor-1260	820	U

Cmp 9/23

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WNS2DL

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5030

Matrix: (soil/water) SOIL Lab Sample ID: 27210D

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 15 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/04/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/06/97

Injection Volume: 1.0 (uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	780	U
11104-28-2	Aroclor-1221	1600	U
11141-16-5	Aroclor-1232	780	U
53469-21-9	Aroclor-1242	780	U
12672-29-6	Aroclor-1248	780	U
11097-69-1	Aroclor-1254	5800 ~~5301~~	~~D~~
11096-82-5	Aroclor-1260	780	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WNS3DL

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5030

Matrix: (soil/water) SOIL Lab Sample ID: 27211D

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 17 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/04/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/06/97

Injection Volume: 1.0 (uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2------	Aroclor-1016	800	U
11104-28-2------	Aroclor-1221	1600	U
11141-16-5------	Aroclor-1232	800	U
53469-21-9------	Aroclor-1242	800	U
12672-29-6------	Aroclor-1248	800	U
11097-69-1------	Aroclor-1254	5600 ~~5045~~	~~D~~
11096-82-5------	Aroclor-1260	800	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WND1

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5030

Matrix: (soil/water) SOIL Lab Sample ID: 27212

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 17 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/04/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/06/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2------	Aroclor-1016	40	U
11104-28-2------	Aroclor-1221	80	U
11141-16-5------	Aroclor-1232	40	U
53469-21-9------	Aroclor-1242	40	U
12672-29-6------	Aroclor-1248	40	U
11097-69-1------	Aroclor-1254	40	U
11096-82-5------	Aroclor-1260	40	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WND2DL

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5030

Matrix: (soil/water) SOIL Lab Sample ID: 27213D

Sample wt/vol: 30.0 (g/ml) G Lab File ID:

% Moisture: 9 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/04/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/06/97

Injection Volume: 1.0 (uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	730	U
11104-28-2	Aroclor-1221	1500	U
11141-16-5	Aroclor-1232	730	U
53469-21-9	Aroclor-1242	730	U
12672-29-6	Aroclor-1248	730	U
11097-69-1	Aroclor-1254	5300 ~~5329~~	~~D~~
11096-82-5	Aroclor-1260	730	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WSS1DL

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5030

Matrix: (soil/water) SOIL Lab Sample ID: 27214D

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 14 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/04/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/06/97

Injection Volume: 1.0 (uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	780	U
11104-28-2	Aroclor-1221	1600	U
11141-16-5	Aroclor-1232	780	U
53469-21-9	Aroclor-1242	780	U
12672-29-6	Aroclor-1248	780	U
11097-69-1	Aroclor-1254	4600 ~~4585~~	~~D~~
11096-82-5	Aroclor-1260	780	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WSS2DL

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5030

Matrix: (soil/water) SOIL Lab Sample ID: 27215D

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 19 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/04/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/06/97

Injection Volume: 1.0 (uL) Dilution Factor: 100.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	4100	U
11104-28-2	Aroclor-1221	8200	U
11141-16-5	Aroclor-1232	4100	U
53469-21-9	Aroclor-1242	4100	U
12672-29-6	Aroclor-1248	4100	U
11097-69-1	Aroclor-1254	4400 ~~4358~~	~~D~~
11096-82-5	Aroclor-1260	4100	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WS01DL
~~WDS1DL~~

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5030

Matrix: (soil/water) SOIL Lab Sample ID: 27216D

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 27 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/04/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/06/97

Injection Volume: 1.0 (uL) Dilution Factor: 100.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	4600	U
11104-28-2	Aroclor-1221	9100	U
11141-16-5	Aroclor-1232	4600	U
53469-21-9	Aroclor-1242	4600	U
12672-29-6	Aroclor-1248	4600	U
11097-69-1	Aroclor-1254	8600 ~~8576~~	~~D~~
11096-82-5	Aroclor-1260	4600	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WS02 ~~WDS2~~ Cmp 9/23

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5030

Matrix: (soil/water) SOIL Lab Sample ID: 27217

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 8 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/04/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/06/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	36	U
11104-28-2	Aroclor-1221	72	U
11141-16-5	Aroclor-1232	36	U
53469-21-9	Aroclor-1242	36	U
12672-29-6	Aroclor-1248	36	U
11097-69-1	Aroclor-1254	120 ~~124~~	
11096-82-5	Aroclor-1260	36	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OCS

Name: CHEMTECH CONSULTING GRUP, Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5030

Matrix: (soil/water) SOIL Lab Sample ID: 27218

Sample wt/vol: 30.0 (g/ml) G Lab File ID: _____

% Moisture: 56 decanted: (Y/N) N Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/04/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/06/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg	Q
12674-11-2	Aroclor-1016	76	U J
11104-28-2	Aroclor-1221	150	U
11141-16-5	Aroclor-1232	76	U
53469-21-9	Aroclor-1242	76	U
12672-29-6	Aroclor-1248	76	U
11097-69-1	Aroclor-1254	180 ~~273~~	
11096-82-5	Aroclor-1260	76	U J

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB-4

Lab Name: CHEMTECH CONSULTING GRUP. Contract:

Lab Code: CHEM Case No.: 83814 SAS No.: SDG No.: 5030

Matrix: (soil/water) WATER Lab Sample ID: 27219

Sample wt/vol: 1000 (g/ml) ML Lab File ID: _____

% Moisture: decanted: (Y/N) Date received: 09/03/97

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 09/04/97

Concentrated Extract Volume: 10000 (uL) Date analyzed: 09/07/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U