

December 16, 2011

Mr. Matt Turner  
New Jersey Department of Environmental Protection  
Bureau of Investigations, Design and Construction  
PO Box 413  
Trenton, NJ 08625

**Subject: Fort Monmouth, NJ  
Site FTMM-23 Lime Pit**

Dear Mr. Turner:

Per the Army's request, CALIBRE Systems, Inc. (CALIBRE) has prepared this letter report to provide the New Jersey Department of Environmental Protection (NJDEP) with information regarding a polychlorinated biphenyls (PCBs) at the Site FTMM-23, CW2 Lime Pit. A letter dated November 18, 2011 was prepared addressing the situation where one sample at depth was identified containing a low concentration of a PCB, Aroclor-1254. The site was originally investigated in the Roy F. Weston report, Site Investigation, Fort Monmouth, New Jersey, Main Post and Charles Woods Areas, Site Investigation Report (December 1995). That letter applied compliance averaging to indicate that overall the concentration of PCBs were below the Residential Direct Contact Soil Cleanup Criteria. The letter also indicated that the ECP Phase 1 findings did not indicate PCB equipment in the area that would have been potential sources for this location. While the Phase 1 ECP did not indicate any PCB equipment in this area, it was actually sampled for PCBs during the Phase 2 ECP Site Investigation as this area was the location of a former substation (see U.S. Army BRAC 2005, Site Investigation Report, Fort Monmouth, Final, July 21, 2008, Shaw).

Twelve (12) locations were sampled for PCBs in the area of the former lime pit at FTMM-23. At one of those locations PCB Aroclor 1260 was detected with a concentration of .65 mg/kg. All other results were below the Residential Direct Contact Soil Cleanup Criteria (see attached Table 1). Since the PCB detection is relatively low level, the Army is applying Compliance Averaging to the results from the 12 soil samples that were collected during the SI. The samples were all collected from the same depth (0 to 6 inches) and in the same general area (see attached figure). The analytical results and compliance averaging is presented in the attached Table 1. The compliance average is at .081 mg/kg which is well under the current Residential Direct Contact Soil Remediation Standard of .2 mg/kg and the Residential Direct Contact Soil Cleanup Criteria in effect at the time of sampling of .49 mg/kg.

Based on the Compliance Averaging for results from both the Weston SI (reported in the November 18, 2011 letter) and the results from the Shaw SI the Army requests that this site be determined to require No Further Action for both soils and groundwater.

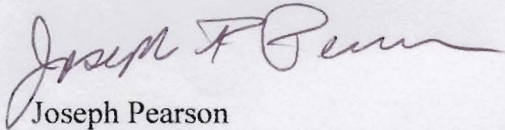
# CALIBRE

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6354 Walker Lane • Metro Park • Alexandria, Virginia 22310-3252

Should you have any questions please contact Wanda Green at 732-380-7064.

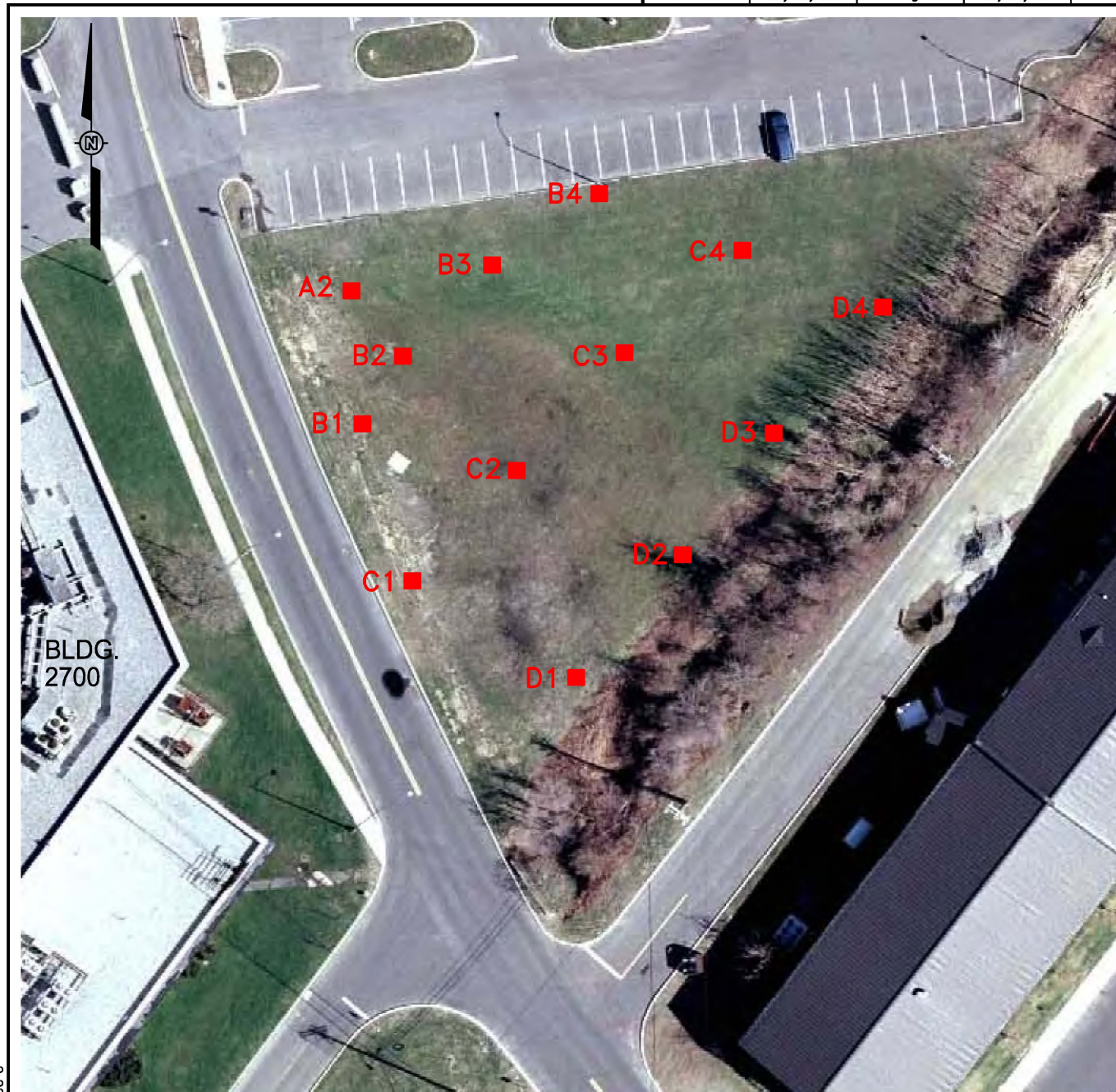
Sincerely



Joseph Pearson  
BRAC Contract Support  
Fort Monmouth  
CALIBRE Systems

Cc: James Briggs, BRAC HQ  
Wanda Green, BEC

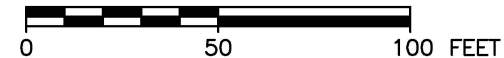
| DRAWN BY |          | CHECKED BY |          | APPROVED BY |    | DRAWING<br>NUMBER | Soil-Sample-1.dwg |
|----------|----------|------------|----------|-------------|----|-------------------|-------------------|
| S. Wiafe | 02/20/08 | M. Magness | 02/20/08 | --          | -- |                   |                   |



#### LEGEND

- SURFACE SOIL SAMPLE LOCATION—  
SAMPLES COLLECTED AT 0-6" BGS
- STREAM
- ROAD
- BUILDING

#### SCALE



Base Realignment and Closure 2005



**Shaw** Shaw Environmental, Inc.



**FIGURE 3-23-3**  
**BLDG 2700 SAMPLE LOCATIONS**  
 CHARLES WOOD AREA  
 FORT MONMOUTH  
 NEW JERSEY

Table 1  
**FTMM-23 Lime Pit**  
**PCB Compliance Average**  
**ECP Phase 2 Data**

| Sample ID                                                                                                                                                                | Aroclor-1260<br>mg/kg | MDL, mg/kg | Value for Compliance<br>Averaging, mg/kg | Sample Collection<br>Information |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------|------------------------------------------|----------------------------------|
| 2700 SS-A2                                                                                                                                                               | 0.05                  | 0.0042     | 0.05                                     | Shaw Phase 2 ECP SI              |
| 2700 SS-B1                                                                                                                                                               | ND                    | 0.0237     | 0.01185                                  | Shaw Phase 2 ECP SI              |
| 2700 SS-B2                                                                                                                                                               | 0.04                  | 0.0041     | 0.04                                     | Shaw Phase 2 ECP SI              |
| 2700 SS-B3                                                                                                                                                               | 0.07                  | 0.0042     | 0.07                                     | Shaw Phase 2 ECP SI              |
| 2700 SS-B4                                                                                                                                                               | 0.12                  | 0.0041     | 0.12                                     | Shaw Phase 2 ECP SI              |
| 2700 SS-C1                                                                                                                                                               | 0.04                  | 0.0042     | 0.04                                     | Shaw Phase 2 ECP SI              |
| 2700 SS-C2                                                                                                                                                               | ND                    | 0.023      | 0.0115                                   | Shaw Phase 2 ECP SI              |
| 2700 SS-C3                                                                                                                                                               | ND                    | 0.0234     | 0.0117                                   | Shaw Phase 2 ECP SI              |
| 2700 SS-C4                                                                                                                                                               | ND                    | 0.0238     | 0.0119                                   | Shaw Phase 2 ECP SI              |
| 2700 SS-D1                                                                                                                                                               | ND                    | 0.0235     | 0.01175                                  | Shaw Phase 2 ECP SI              |
| 2700 SS-D2                                                                                                                                                               | 0.65                  | 0.0042     | 0.65                                     | Shaw Phase 2 ECP SI              |
| 2700 SS-D3                                                                                                                                                               | ND                    | 0.0237     | 0.01185                                  | Shaw Phase 2 ECP SI              |
| 2700 SS-D4                                                                                                                                                               | ND                    | 0.0236     | 0.0118                                   | Shaw Phase 2 ECP SI              |
| Note where ND was the result for all Aroclors the highest MDL<br>for any Aroclor was used for the purpose of compliance<br>averaging. In each case that was Aroclor-1221 |                       |            |                                          |                                  |
|                                                                                                                                                                          |                       |            |                                          |                                  |
|                                                                                                                                                                          |                       |            |                                          |                                  |
| Average                                                                                                                                                                  |                       |            | 0.081                                    |                                  |
| Current Residential SCC                                                                                                                                                  |                       |            | 0.2                                      |                                  |
| Residential SCC at Time of Investigation                                                                                                                                 |                       |            | 0.49                                     |                                  |

# FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS

PHONE: (732) 532-4359 FAX: (732) 532-6263

WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

CERTIFICATIONS: NJDEP #13461, NYSDOH #11699



## ANALYTICAL DATA REPORT Fort Monmouth Environmental Laboratory ENVIRONMENTAL DIVISION Fort Monmouth, New Jersey PROJECT: ECP

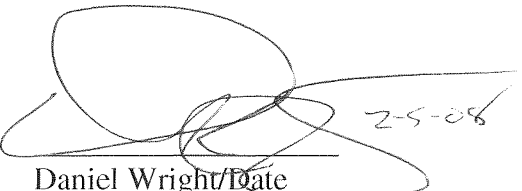
### Phase II/Substations

| Field Sample Location | Laboratory Sample ID# | Matrix  | Date and Time of Collection | Date Received |
|-----------------------|-----------------------|---------|-----------------------------|---------------|
| 978 SS-1              | 7056101               | Soil    | 26-Dec-07 11:20             | 12/26/07      |
| 978 SS-2              | 7056102               | Soil    | 26-Dec-07 11:23             | 12/26/07      |
| 978 SS-3              | 7056103               | Soil    | 26-Dec-07 11:25             | 12/26/07      |
| 978 SS-4              | 7056104               | Soil    | 26-Dec-07 11:30             | 12/26/07      |
| 978 SS-5              | 7056105               | Soil    | 26-Dec-07 11:35             | 12/26/07      |
| 978 SS-6              | 7056106               | Soil    | 26-Dec-07 11:40             | 12/26/07      |
| 978 SS-7              | 7056107               | Soil    | 26-Dec-07 11:45             | 12/26/07      |
| 978 SS-8              | 7056108               | Soil    | 26-Dec-07 11:55             | 12/26/07      |
| 978 SS-9              | 7056109               | Soil    | 26-Dec-07 12:00             | 12/26/07      |
| Duplicate             | 7056110               | Soil    | 26-Dec-07 11:40             | 12/26/07      |
| 1231 SS-1             | 7056111               | Soil    | 26-Dec-07 12:55             | 12/26/07      |
| 1231 SS-2             | 7056112               | Soil    | 26-Dec-07 13:05             | 12/26/07      |
| 1231 SS-3             | 7056113               | Soil    | 26-Dec-07 13:10             | 12/26/07      |
| 1231 SS-4             | 7056114               | Soil    | 26-Dec-07 13:25             | 12/26/07      |
| 1231 SS-5             | 7056115               | Soil    | 26-Dec-07 13:30             | 12/26/07      |
| 1231 SS-6             | 7056116               | Soil    | 26-Dec-07 13:40             | 12/26/07      |
| 1231 SS-7             | 7056117               | Soil    | 26-Dec-07 13:50             | 12/26/07      |
| 1231 SS-8             | 7056118               | Soil    | 26-Dec-07 14:00             | 12/26/07      |
| 1231 SS-9             | 7056119               | Soil    | 26-Dec-07 14:05             | 12/26/07      |
| 2716 SS-1             | 7056120               | Soil    | 26-Dec-07 14:55             | 12/26/07      |
| 2716 SS-2             | 7056121               | Soil    | 26-Dec-07 15:00             | 12/26/07      |
| 2716 SS-3             | 7056122               | Soil    | 26-Dec-07 15:05             | 12/26/07      |
| 2716 SS-4             | 7056123               | Soil    | 26-Dec-07 15:15             | 12/26/07      |
| 2716 SS-5             | 7056124               | Soil    | 26-Dec-07 15:20             | 12/26/07      |
| 2716 SS-6             | 7056125               | Soil    | 26-Dec-07 15:25             | 12/26/07      |
| 2716 SS-7             | 7056126               | Soil    | 26-Dec-07 15:30             | 12/26/07      |
| 2716 SS-8             | 7056127               | Soil    | 26-Dec-07 15:35             | 12/26/07      |
| 2716 SS-9             | 7056128               | Soil    | 26-Dec-07 15:40             | 12/26/07      |
| Field Blank           | 7056129               | Aqueous | 26-Dec-07 15:50             | 12/26/07      |
| 2700 SS-A2            | 7056201               | Soil    | 27-Dec-07 10:35             | 12/27/07      |
| Duplicate             | 7056202               | Soil    | 27-Dec-07 09:55             | 12/27/07      |

## SAMPLE LOCATION AND IDENTIFICATION

|             |         |         |                 |          |
|-------------|---------|---------|-----------------|----------|
| 2700 SS-B1  | 7056203 | Soil    | 27-Dec-07 10:20 | 12/27/07 |
| 2700 SS-B2  | 7056204 | Soil    | 27-Dec-07 10:25 | 12/27/07 |
| 2700 SS-B3  | 7056205 | Soil    | 27-Dec-07 10:30 | 12/27/07 |
| 2700 SS-B4  | 7056206 | Soil    | 27-Dec-07 10:32 | 12/27/07 |
| 2700 SS-C1  | 7056207 | Soil    | 27-Dec-07 10:05 | 12/27/07 |
| 2700 SS-C2  | 7056208 | Soil    | 27-Dec-07 10:10 | 12/27/07 |
| 2700 SS-C3  | 7056209 | Soil    | 27-Dec-07 10:12 | 12/27/07 |
| 2700 SS-C4  | 7056210 | Soil    | 27-Dec-07 10:15 | 12/27/07 |
| 2700 SS-D1  | 7056211 | Soil    | 27-Dec-07 09:45 | 12/27/07 |
| 2700 SS-D2  | 7056212 | Soil    | 27-Dec-07 09:50 | 12/27/07 |
| 2700 SS-D3  | 7056213 | Soil    | 27-Dec-07 09:55 | 12/27/07 |
| 2700 SS-D4  | 7056214 | Soil    | 27-Dec-07 10:00 | 12/27/07 |
| Field Blank | 7056215 | Aqueous | 27-Dec-07 11:10 | 12/27/07 |

### ANALYSIS: FORT MONMOUTH ENVIRONMENTAL LAB PCBs, % SOLIDS



Daniel Wright/Date  
Laboratory Director

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# **CHAIN OF CUSTODY**



# Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703

Tel (732)532-4359 Fax (732)532-6263 EMail:Daniel.Wright@us.army.mil

NJDEP Certification #13461

## Chain of Custody Record

|                                                                                  |                 |             |      |                                 |         |                              |        |            |            |                          |            |       |                               |  |
|----------------------------------------------------------------------------------|-----------------|-------------|------|---------------------------------|---------|------------------------------|--------|------------|------------|--------------------------|------------|-------|-------------------------------|--|
| Customer: J. Fallon                                                              |                 |             |      | Project No: ECP Phase II        |         | Analysis/Parameters          |        |            |            |                          |            |       | Comments:                     |  |
| Phone #: (732) 532-6223                                                          |                 |             |      | Location: Parcel 57 Substations |         | VOA+15                       | ABN+25 | PCBs       | TAL Metals | % Solids                 | Depth (ft) | VOA # |                               |  |
| ( )DERA ( )OMA (X)Other: _____                                                   |                 |             |      | Work Order # 07-167623          |         |                              |        |            |            |                          |            |       |                               |  |
| Samplers Name / Company: Frank Accorsi / TVS                                     |                 |             |      | Sample                          | #       |                              |        |            |            |                          |            |       |                               |  |
| LIMS/Work Order #                                                                | Sample Location | Date        | Time | Type                            | Bottles |                              |        |            |            |                          |            |       | Remarks / Preservation Method |  |
| 70561 01                                                                         | 97855-1         | 200607      | 1120 | SC-1                            | 1       |                              |        | X          |            | X                        | 0.5        |       | 4°C                           |  |
| 02                                                                               | 97855-2         |             | 1123 | SC-1                            | 1       |                              |        | X          |            | X                        | 0.5        |       |                               |  |
| 03                                                                               | 97855-3         |             | 1125 | SC-1                            | 1       |                              |        | X          |            | X                        | 0.5        |       |                               |  |
| 04                                                                               | 97855-4         |             | 1130 | SC-1                            | 1       |                              |        | X          |            | X                        | 0.5        |       |                               |  |
| 05                                                                               | 97855-5         |             | 1135 | SC-1                            | 1       |                              |        | X          |            | X                        | 0.5        |       |                               |  |
| 06                                                                               | 97855-6         |             | 1140 | SC-1                            | 1       |                              |        | X          |            | X                        | 0.5        |       |                               |  |
| 07                                                                               | 97855-7         |             | 1145 | SC-1                            | 1       |                              |        | X          |            | X                        | 0.5        |       |                               |  |
| 08                                                                               | 97855-8         |             | 1155 | SC-1                            | 1       |                              |        | X          |            | X                        | 0.5        |       |                               |  |
| 09                                                                               | 97855-9         |             | 1200 | SC-1                            | 1       |                              |        | X          |            | X                        | 0.5        |       |                               |  |
| 10                                                                               | Duplicate       |             | 1140 | SC-1                            | 1       |                              |        | X          |            | X                        | 0.5        |       |                               |  |
| 11                                                                               | 123155-1        |             | 1255 | SC-1                            | 1       |                              |        | X          |            | X                        | 0.5        |       |                               |  |
| 12                                                                               | 123155-2        |             | 1305 | SC-1                            | 1       |                              |        | X          |            | X                        | 0.5        |       |                               |  |
| 13                                                                               | 123155-3        |             | 1310 | SC-1                            | 1       |                              |        | X          |            | X                        | 0.5        |       |                               |  |
| 14                                                                               | 123155-4        |             | 1325 | SC-1                            | 1       |                              |        | X          |            | X                        | 0.5        |       |                               |  |
| Relinquished by (signature):                                                     |                 | Date/Time:  |      | Received by (signature):        |         | Relinquished by (signature): |        | Date/Time: |            | Received by (signature): |            |       |                               |  |
|                                                                                  |                 | 700607 1550 |      |                                 |         |                              |        |            |            |                          |            |       |                               |  |
| Relinquished by (signature):                                                     |                 | Date/Time:  |      | Received by (signature):        |         | Relinquished by (signature): |        | Date/Time: |            | Received by (signature): |            |       |                               |  |
|                                                                                  |                 |             |      |                                 |         |                              |        |            |            |                          |            |       |                               |  |
| Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD |                 |             |      |                                 |         | Remarks:                     |        |            |            |                          |            |       |                               |  |
| Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.  |                 |             |      |                                 |         |                              |        |            |            |                          |            |       |                               |  |



# Fort Monmouth Environmental Testing Laboratory

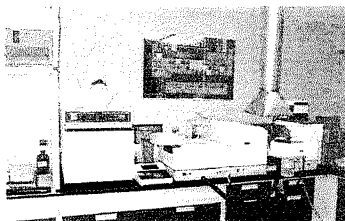
Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703

Tel (732)532-4359 Fax (732)532-6263 EMail: Daniel.Wright@us.army.mil

NJDEP Certification #13461

## Chain of Custody Record

|                                                                                         |                        |                   |             |                                        |                |                                     |               |                   |                   |                                 |                   |              |                                      |  |
|-----------------------------------------------------------------------------------------|------------------------|-------------------|-------------|----------------------------------------|----------------|-------------------------------------|---------------|-------------------|-------------------|---------------------------------|-------------------|--------------|--------------------------------------|--|
| <b>Customer: J. Fallon</b>                                                              |                        |                   |             | <b>Project No: ECP Phase II</b>        |                | <b>Analysis/Parameters</b>          |               |                   |                   |                                 |                   |              | <b>Comments:</b>                     |  |
| <b>Phone #: (732) 532-6223</b>                                                          |                        |                   |             | <b>Location: Parcel 57 Sub Station</b> |                | <b>VOA+15</b>                       | <b>ABN+25</b> | <b>PCBs</b>       | <b>TAL Metals</b> | <b>% Solids</b>                 | <b>Depth (ft)</b> | <b>VOA #</b> |                                      |  |
| <b>( )DERA ( )OMA (X)Other: _____</b>                                                   |                        |                   |             | <b>Work Order # 07-167623</b>          |                |                                     |               |                   |                   |                                 |                   |              |                                      |  |
| <b>Samplers Name / Company: Frank Accorsi / TVS</b>                                     |                        |                   |             |                                        |                | <b>Sample</b>                       | <b>#</b>      |                   |                   |                                 |                   |              |                                      |  |
| <b>LIMS/Work Order #</b>                                                                | <b>Sample Location</b> | <b>Date</b>       | <b>Time</b> | <b>Type</b>                            | <b>Bottles</b> |                                     |               |                   |                   |                                 |                   |              | <b>Remarks / Preservation Method</b> |  |
| 70501 15                                                                                | 123155-5               | 260407            | 1330        | Soil                                   | 1              |                                     |               | X                 |                   | X                               | 0.5               |              | 4°C                                  |  |
| 16                                                                                      | 123155-6               |                   | 1340        |                                        | 1              |                                     |               | X                 |                   | X                               | 0.5               |              |                                      |  |
| 17                                                                                      | 123155-7               |                   | 1350        |                                        | 1              |                                     |               | X                 |                   | X                               | 0.5               |              |                                      |  |
| 18                                                                                      | 123155-8               |                   | 1400        |                                        | 1              |                                     |               | X                 |                   | X                               | 0.5               |              |                                      |  |
| 19                                                                                      | 123155-9               |                   | 1405        |                                        | 1              |                                     |               | X                 |                   | X                               | 0.5               |              |                                      |  |
| 20                                                                                      | 271655-1               |                   | 1455        |                                        | 1              |                                     |               | X                 |                   | X                               | 0.5               |              |                                      |  |
| 21                                                                                      | 271655-2               |                   | 1500        |                                        | 1              |                                     |               | X                 |                   | X                               | 0.5               |              |                                      |  |
| 22                                                                                      | 271655-3               |                   | 1505        |                                        | 1              |                                     |               | X                 |                   | X                               | 0.5               |              |                                      |  |
| 23                                                                                      | 271655-4               |                   | 1515        |                                        | 1              |                                     |               | X                 |                   | X                               | 0.5               |              |                                      |  |
| 24                                                                                      | 271655-5               |                   | 1520        |                                        | 1              |                                     |               | X                 |                   | X                               | 0.5               |              |                                      |  |
| 25                                                                                      | 271655-6               |                   | 1525        |                                        | 1              |                                     |               | X                 |                   | X                               | 0.5               |              |                                      |  |
| 26                                                                                      | 271655-7               |                   | 1530        |                                        | 1              |                                     |               | X                 |                   | X                               | 0.5               |              |                                      |  |
| 27                                                                                      | 271655-8               |                   | 1535        |                                        | 1              |                                     |               | X                 |                   | X                               | 0.5               |              |                                      |  |
| 28                                                                                      | 271655-9               |                   | 1540        |                                        | 1              |                                     |               | X                 |                   | X                               | 0.5               |              |                                      |  |
| <b>Relinquished by (signature):</b>                                                     |                        | <b>Date/Time:</b> |             | <b>Received by (signature):</b>        |                | <b>Relinquished by (signature):</b> |               | <b>Date/Time:</b> |                   | <b>Received by (signature):</b> |                   |              |                                      |  |
|                                                                                         |                        | 260407 1550       |             |                                        |                |                                     |               |                   |                   |                                 |                   |              |                                      |  |
| <b>Relinquished by (signature):</b>                                                     |                        | <b>Date/Time:</b> |             | <b>Received by (signature):</b>        |                | <b>Relinquished by (signature):</b> |               | <b>Date/Time:</b> |                   | <b>Received by (signature):</b> |                   |              |                                      |  |
|                                                                                         |                        |                   |             |                                        |                |                                     |               |                   |                   |                                 |                   |              |                                      |  |
| <b>Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD</b> |                        |                   |             |                                        |                | <b>Remarks:</b>                     |               |                   |                   |                                 |                   |              |                                      |  |
| <b>Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.</b>  |                        |                   |             |                                        |                |                                     |               |                   |                   |                                 |                   |              |                                      |  |



# Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703

Tel (732)532-4359 Fax (732)532-6263 EMail:Daniel.Wright@us.army.mil

NJDEP Certification #13461

## Chain of Custody Record

[illegible]

## SAMPLE RECEIPT FORM

Date Received: 12-26-07

Work Order ID#: 70561

Site/Proj. Name: FCP / Sub Station

Cooler Temp ( $^{\circ}\text{C}$ ): 3.0<sup>c</sup>

Received By: J. Vergara  
(Print name)

Sign: 

**Check the appropriate box**

- |                                                               |                                         |                                        |                                         |
|---------------------------------------------------------------|-----------------------------------------|----------------------------------------|-----------------------------------------|
| 1. Did the samples come in a cooler?                          | <input checked="" type="checkbox"/> yes | <input type="checkbox"/> no            | <input type="checkbox"/> n/a            |
| 2. Were samples rec'd in good condition?                      | <input checked="" type="checkbox"/> yes | <input type="checkbox"/> no            |                                         |
| 3. Was the chain of custody filled out correctly and legibly? | <input checked="" type="checkbox"/> yes | <input type="checkbox"/> no            |                                         |
| 4. Was the chain of custody signed in the appropriate place?  | <input checked="" type="checkbox"/> yes | <input type="checkbox"/> no            |                                         |
| 5. Did the labels agree with the chain of custody?            | <input checked="" type="checkbox"/> yes | <input type="checkbox"/> no            |                                         |
| 6. Were the correct containers/preservatives used?            | <input checked="" type="checkbox"/> yes | <input type="checkbox"/> no            |                                         |
| 7. Was a sufficient amount of sample supplied?                | <input checked="" type="checkbox"/> yes | <input type="checkbox"/> no            |                                         |
| 8. Were air bubbles present in VOA vials?                     | <input type="checkbox"/> yes            | <input checked="" type="checkbox"/> no | <input checked="" type="checkbox"/> n/a |
| 9. Were samples received on ice?                              | <input checked="" type="checkbox"/> yes | <input checked="" type="checkbox"/> no |                                         |
| 10. Were analyze-immediately tests perform within 15 minutes  | <input type="checkbox"/> yes            | <input type="checkbox"/> no            | <input checked="" type="checkbox"/> n/a |

**Fill out the following table for each sample bottle**

[illegible]

Comments: \_\_\_\_\_

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# Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703

Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil

NJDEP Certification #13461

## Chain of Custody Record

|                                                                                         |                        |                                          |             |                                 |                |                                     |                 |                   |  |                                 |  |                  |                                      |     |
|-----------------------------------------------------------------------------------------|------------------------|------------------------------------------|-------------|---------------------------------|----------------|-------------------------------------|-----------------|-------------------|--|---------------------------------|--|------------------|--------------------------------------|-----|
| <b>Customer: J. Fallon</b>                                                              |                        | <b>Project No: ECP Phase II</b>          |             | <b>Analysis Parameters</b>      |                |                                     |                 |                   |  |                                 |  | <b>Comments:</b> |                                      |     |
| <b>Phone (732)532-6223</b>                                                              |                        | <b>Location: Electrical Sub Stations</b> |             |                                 |                |                                     |                 |                   |  |                                 |  |                  |                                      |     |
| <b>( )DERA ( )OMA ( )Other: _____</b>                                                   |                        |                                          |             |                                 |                |                                     |                 |                   |  |                                 |  |                  |                                      |     |
| <b>Samplers Name / Company:</b>                                                         |                        | <b>/TVS</b>                              |             | <b>Sample #</b>                 |                |                                     |                 |                   |  |                                 |  |                  | <b>Remarks / Preservation Method</b> |     |
| <b>LIMS/Work Order #</b>                                                                | <b>Sample Location</b> | <b>Date</b>                              | <b>Time</b> | <b>Type</b>                     | <b>bottles</b> | <b>PCB</b>                          | <b>% SOLIDS</b> |                   |  |                                 |  |                  |                                      |     |
| 70562 01                                                                                | 270055-A2              | 270207                                   | 1035        | 50                              | 1              | X                                   | X               |                   |  |                                 |  |                  |                                      | 4°C |
| 02 (mm)                                                                                 | <del>270055-A3</del>   |                                          | 0955        | 50                              | 1              | X                                   | X               |                   |  |                                 |  |                  |                                      |     |
| 03                                                                                      | 270055-B1              |                                          | 1020        | 50                              | 1              | X                                   | X               |                   |  |                                 |  |                  |                                      |     |
| 04                                                                                      | 270055-B2              |                                          | 1035        | 50                              | 1              | X                                   | X               |                   |  |                                 |  |                  |                                      |     |
| 05                                                                                      | 270055-B3              |                                          | 1030        | 50                              | 1              | X                                   | X               |                   |  |                                 |  |                  |                                      |     |
| 06                                                                                      | 270055-B4              |                                          | 1032        | 50                              | 1              | X                                   | X               |                   |  |                                 |  |                  |                                      |     |
| 07                                                                                      | 270055-C1              |                                          | 1005        | 50                              | 1              | X                                   | X               |                   |  |                                 |  |                  |                                      |     |
| 08                                                                                      | 270055-C2              |                                          | 1010        | 50                              | 1              | X                                   | X               |                   |  |                                 |  |                  |                                      |     |
| 09                                                                                      | 270055-C3              |                                          | 1012        | 50                              | 1              | X                                   | X               |                   |  |                                 |  |                  |                                      |     |
| 10                                                                                      | 270055-C4              |                                          | 1015        | 50                              | 1              | X                                   | X               |                   |  |                                 |  |                  |                                      |     |
| 11                                                                                      | 270055-D1              |                                          | 0945        | 50                              | 1              | X                                   | X               |                   |  |                                 |  |                  |                                      |     |
| 12                                                                                      | 270055-D2              |                                          | 0950        | 50                              | 1              | X                                   | X               |                   |  |                                 |  |                  |                                      |     |
| 13                                                                                      | 270055-D3              |                                          | 0955        | 50                              | 1              | X                                   | X               |                   |  |                                 |  |                  |                                      |     |
| 14                                                                                      | 270055-D4              |                                          | 1000        | 50                              | 1              | X                                   | X               |                   |  |                                 |  |                  |                                      |     |
| <b>Relinquished by (signature):</b>                                                     |                        | <b>Date/Time:</b>                        |             | <b>Received by (signature):</b> |                | <b>Relinquished by (signature):</b> |                 | <b>Date/Time:</b> |  | <b>Received by (signature):</b> |  |                  |                                      |     |
|                                                                                         |                        | 12/27/07 1215                            |             |                                 |                |                                     |                 |                   |  |                                 |  |                  |                                      |     |
| <b>Relinquished by (signature):</b>                                                     |                        | <b>Date/Time:</b>                        |             | <b>Received by (signature):</b> |                | <b>Relinquished by (signature):</b> |                 | <b>Date/Time:</b> |  | <b>Received by (signature):</b> |  |                  |                                      |     |
|                                                                                         |                        |                                          |             |                                 |                |                                     |                 |                   |  |                                 |  |                  |                                      |     |
| <b>Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD</b> |                        |                                          |             |                                 |                | <b>Remarks:</b>                     |                 |                   |  |                                 |  |                  |                                      |     |
| <b>Turnaround time: (X)Standard 3 wks, ( )Rush _ Days, ( )ASAP Verbal ___ Hrs.</b>      |                        |                                          |             |                                 |                |                                     |                 |                   |  |                                 |  |                  |                                      |     |



Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil

## Chain of Custody Record

## SAMPLE RECEIPT FORM

Date Received: 12-27-07

Work Order ID#: 70502

Site/Proj. Name: ECP/Hart Substation

Cooler Temp (°C): 3.0

Received By: J. Wengum  
(Print name)

Sign: J. Wengum

### Check the appropriate box

- |                                                               |                                                                                                  |
|---------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| 1. Did the samples come in a cooler?                          | <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> n/a |
| 2. Were samples rec'd in good condition?                      | <input checked="" type="checkbox"/> yes <input type="checkbox"/> no                              |
| 3. Was the chain of custody filled out correctly and legibly? | <input checked="" type="checkbox"/> yes <input type="checkbox"/> no                              |
| 4. Was the chain of custody signed in the appropriate place?  | <input checked="" type="checkbox"/> yes <input type="checkbox"/> no                              |
| 5. Did the labels agree with the chain of custody?            | <input checked="" type="checkbox"/> yes <input type="checkbox"/> no                              |
| 6. Were the correct containers/preservatives used?            | <input checked="" type="checkbox"/> yes <input type="checkbox"/> no                              |
| 7. Was a sufficient amount of sample supplied?                | <input checked="" type="checkbox"/> yes <input type="checkbox"/> no                              |
| 8. Were air bubbles present in VOA vials?                     | <input type="checkbox"/> yes <input type="checkbox"/> no <input checked="" type="checkbox"/> n/a |
| 9. Were samples received on ice?                              | <input checked="" type="checkbox"/> yes <input type="checkbox"/> no                              |
| 10. Were analyze-immediately tests perform within 15 minutes  | <input type="checkbox"/> yes <input type="checkbox"/> no <input checked="" type="checkbox"/> n/a |

**Fill out the following table for each sample bottle**

| Lims ID | pH | Preservative | Sample ID | pH | Preservative |
|---------|----|--------------|-----------|----|--------------|
|         |    |              |           |    |              |
|         |    |              |           |    |              |
|         |    |              |           |    |              |
|         |    |              |           |    |              |
|         |    |              |           |    |              |
|         |    |              |           |    |              |
|         |    |              |           |    |              |
|         |    |              |           |    |              |
|         |    |              |           |    |              |
|         |    |              |           |    |              |
|         |    |              |           |    |              |
|         |    |              |           |    |              |
|         |    |              |           |    |              |
|         |    |              |           |    |              |
|         |    |              |           |    |              |

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

# GPS COORDINATES

U.S. ARMY - FT. MONMOUTH, NJ

ECP PHASE II - ELECTRICAL SUBSTATIONS (Building 978)  
SOIL SAMPLE GPS POSITIONS & COORDINATES

US STATE PLANE 1983, NJ (NY EAST) 2900, NAD 1983 (CONUS)

(IN US SURVEY FEET)

SAMPLE POINTS

| <u>POSITION/DESCRIPTION</u> | <u>Y COORDINATE (NORTHING)</u> | <u>X COORDINATE (EASTING)</u> |
|-----------------------------|--------------------------------|-------------------------------|
| 978 SS1                     | 539015.139                     | 620075.871                    |
| 978 SS2                     | 538992.172                     | 620034.019                    |
| 978 SS3                     | 538965.779                     | 620069.361                    |
| 978 SS5                     | 538952.275                     | 620093.585                    |
| 978 SS4                     | 538949.576                     | 620014.519                    |
| 978 SS6                     | 538930.303                     | 620106.882                    |
| 978 SS7                     | 538905.991                     | 620119.928                    |
| 978 SS9                     | 538902.445                     | 620067.75                     |
| 978 SS8                     | 538926.386                     | 620024.97                     |

U.S. ARMY - FT. MONMOUTH, NJ

ECP PHASE II - ELECTRICAL SUBSTATIONS (Building 1231)  
SOIL SAMPLE GPS POSITIONS & COORDINATES

US STATE PLANE 1983, NJ (NY EAST) 2900, NAD 1983 (CONUS)

(IN US SURVEY FEET)

SAMPLE POINTS

| <u>POSITION/DESCRIPTION</u> | <u>Y COORDINATE (NORTHING)</u> | <u>X COORDINATE (EASTING)</u> |
|-----------------------------|--------------------------------|-------------------------------|
| 1231 SS1                    | 539079.404                     | 614566.802                    |
| 1231 SS2                    | 539049.805                     | 614538.57                     |
| 1231 SS3                    | 539056.471                     | 614589.738                    |
| 1231 SS4                    | 539011.597                     | 614554.517                    |
| 1231 SS5                    | 539032.368                     | 614600.681                    |
| 1231 SS6                    | 538996.973                     | 614556.965                    |
| 1231 SS7                    | 539010.993                     | 614608.337                    |
| 1231 SS8                    | 538973.639                     | 614575.966                    |
| 1231 SS9                    | 538994.689                     | 614617.9                      |

U.S. ARMY - FT. MONMOUTH, NJ

ECP PHASE II - ELECTRICAL SUBSTATIONS (Building 2700)  
SOIL SAMPLE GPS POSITIONS & COORDINATES

US STATE PLANE 1983, NJ (NY EAST) 2900, NAD 1983 (CONUS)

(IN US SURVEY FEET)

SAMPLE POINTS

| <u>POSITION/DESCRIPTION</u> | <u>Y COORDINATE (NORTHING)</u> | <u>X COORDINATE (EASTING)</u> |
|-----------------------------|--------------------------------|-------------------------------|
| 2700 A2                     | 532934.417                     | 607613.759                    |
| 2700 B1                     | 532892.262                     | 607617.198                    |
| 2700 B2                     | 532913.711                     | 607630.096                    |
| 2700 B3                     | 532942.621                     | 607658.27                     |
| 2700 B4                     | 532965.214                     | 607692.29                     |
| 2700 C1                     | 532842.555                     | 607633.033                    |
| 2700 C2                     | 532877.468                     | 607666.156                    |
| 2700 C3                     | 532914.826                     | 607700.256                    |
| 2700 C4                     | 532947.288                     | 607737.705                    |
| 2700 D1                     | 532811.914                     | 607684.943                    |
| 2700 D2                     | 532850.829                     | 607718.815                    |
| 2700 D3                     | 532889.262                     | 607747.633                    |
| 2700 D4                     | 532929.247                     | 607782.313                    |

U.S. ARMY - FT. MONMOUTH, NJ

ECP PHASE II - ELECTRICAL SUBSTATIONS (Building 2716)  
SOIL SAMPLE GPS POSITIONS & COORDINATES

US STATE PLANE 1983, NJ (NY EAST) 2900, NAD 1983 (CONUS)

(IN US SURVEY FEET)

SAMPLE POINTS

| <u>POSITION/DESCRIPTION</u> | <u>Y COORDINATE (NORTHING)</u> | <u>X COORDINATE (EASTING)</u> |
|-----------------------------|--------------------------------|-------------------------------|
| 2716 SS1                    | 532297.562                     | 607802.305                    |
| 2716 SS2                    | 532284.515                     | 607786.631                    |
| 2716 SS3                    | 532288.45                      | 607766.628                    |
| 2716 SS4                    | 532302.628                     | 607741.174                    |
| 2716 SS5                    | 532325.712                     | 607742.77                     |
| 2716 SS6                    | 532352.532                     | 607757.754                    |
| 2716 SS7                    | 532363.837                     | 607778.832                    |
| 2716 SS8                    | 532334.298                     | 607812.438                    |
| 2716 SS9                    | 532317.533                     | 607814.315                    |

# DUPLICATES

# Field Duplicate Identification

| Sample ID | Lab ID  | Field Duplicate |
|-----------|---------|-----------------|
| 978SS-6   | 7056106 | 7056110         |
| 2700SS-D3 | 7056213 | 7056202         |

# **CASE NARRATIVE**

# CASE NARRATIVE

**Site:** ECP Phase II  
Substations

No problems encountered.

**PCBs**

U.S.Army, Ft. Monmouth Environmental Laboratory  
Report of Analysis  
NJDEP Certification #13461  
Method 8082

**Client:** US Army DPW  
**Location:** ECP Phase II-Substations  
**Field ID:** na  
**Client ID:**  
**Lab ID:** MB12280701AQ  
**Filename:** A00706.D  
**Lab Project No:** 70561

**MATRIX:** Aqueous  
**Date Extracted:** 28-Dec-07  
**Ext. Batch:** 12280701  
**Date Analyzed:** 29-Jan-08  
**DILUTION:** 1

**Analyst:** Wright

| <u>CAS #</u> | <u>COMPOUNDS</u> | <u>Results</u><br>(ug/L) | <u>*Reporting Limit</u><br>(ug/L) | <u>Cleanup Criteria</u><br>(ug/L) | <u>QUALIFIER</u> | <u>MDL</u><br>(ug/L) |
|--------------|------------------|--------------------------|-----------------------------------|-----------------------------------|------------------|----------------------|
| 12674-11-2   | AROCLOR 1016     | ND                       | 0.50                              | NA                                |                  | 0.0683               |
| 11104-28-2   | AROCLOR 1221     | ND                       | 0.50                              | NA                                |                  | 0.0666               |
| 11141-16-5   | AROCLOR 1232     | ND                       | 0.50                              | NA                                |                  | 0.0648               |
| 53469-21-9   | AROCLOR 1242     | ND                       | 0.50                              | NA                                |                  | 0.0485               |
| 12672-29-6   | AROCLOR 1248     | ND                       | 0.50                              | NA                                |                  | 0.0544               |
| 11097-69-1   | AROCLOR 1254     | ND                       | 0.50                              | NA                                |                  | 0.0608               |
| 11096-82-5   | AROCLOR 1260     | ND                       | 0.50                              | NA                                |                  | 0.0732               |

NA=Not Applicable

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND =UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

**Initial Vol. (ml)** 1000.00

**Final Vol.(ml)** 10.00

U.S.Army, Ft. Monmouth Environmental Laboratory  
Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Field ID: na  
Client ID:  
Lab ID: MB12280701AQ  
Filename: A00706.D  
Lab Project No: 70562

MATRIX: Aqueous  
Date Extracted: 28-Dec-07  
Ext. Batch: 12280701  
Date Analyzed: 29-Jan-08  
DILUTION: 1

Analyst: Wright

| <u>CAS #</u> | <u>COMPOUNDS</u> | <u>Results</u><br>(ug/L) | <u>*Reporting Limit</u><br>(ug/L) | <u>Cleanup Criteria</u><br>(ug/L) | <u>QUALIFIER</u> | <u>MDL</u><br>(ug/L) |
|--------------|------------------|--------------------------|-----------------------------------|-----------------------------------|------------------|----------------------|
| 12674-11-2   | AROCLOR 1016     | ND                       | 0.50                              | NA                                |                  | 0.0683               |
| 11104-28-2   | AROCLOR 1221     | ND                       | 0.50                              | NA                                |                  | 0.0666               |
| 11141-16-5   | AROCLOR 1232     | ND                       | 0.50                              | NA                                |                  | 0.0648               |
| 53469-21-9   | AROCLOR 1242     | ND                       | 0.50                              | NA                                |                  | 0.0485               |
| 12672-29-6   | AROCLOR 1248     | ND                       | 0.50                              | NA                                |                  | 0.0544               |
| 11097-69-1   | AROCLOR 1254     | ND                       | 0.50                              | NA                                |                  | 0.0608               |
| 11096-82-5   | AROCLOR 1260     | ND                       | 0.50                              | NA                                |                  | 0.0732               |

NA=Not Applicable

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND =UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

Initial Vol. (ml) 1000.00

Final Vol.(ml) 10.00

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID:  
Lab ID: MB01080801  
Filename: A00716.D  
Lab Project No: 70561

MATRIX: Soil  
Date Extracted: 08-Jan-08  
Ext. Batch: 1080801  
Date Analyzed: 30-Jan-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0132         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0242         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0164         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0188         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0075         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0047         |
| 11096-82-5 | AROCLOR 1260 | ND                 | 0.05                        |  |           | 0.0042         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND =UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 100  
Initial Wt (gm) 10.00  
Final Vol.(ml) 10.00

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID:  
Lab ID: MB01080802  
Filename: A00745.D  
Lab Project No: 70561

MATRIX: Soil  
Date Extracted: 08-Jan-08  
Ext. Batch: 1080802  
Date Analyzed: 31-Jan-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0132         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0242         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0164         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0188         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0075         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0047         |
| 11096-82-5 | AROCLOR 1260 | ND                 | 0.05                        |  |           | 0.0042         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND =UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 100  
Initial Wt (gm) 10.00  
Final Vol.(ml) 10.00

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID:  
Lab ID: MB01090801  
Filename: A00759.D  
Lab Project No: 70562

MATRIX: Soil  
Date Extracted: 09-Jan-08  
Ext. Batch: 1090801  
Date Analyzed: 31-Jan-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0132         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0242         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0164         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0188         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0075         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0047         |
| 11096-82-5 | AROCLOR 1260 | ND                 | 0.05                        |  |           | 0.0042         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND = UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 100  
Initial Wt (gm) 10.00  
Final Vol.(ml) 10.00

U.S.Army, Ft. Monmouth Environmental Laboratory  
Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Field ID: na  
Client ID: Field Blank  
Lab ID: 70056129  
Filename: A00709.D  
Lab Project No: 70561

MATRIX: Aqueous  
Date Extracted: 28-Dec-07  
Ext. Batch: 12280701  
Date Analyzed: 29-Jan-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(ug/L) | *Reporting Limit<br>(ug/L) | Cleanup Criteria<br>(ug/L) | QUALIFIER | MDL<br>(ug/L) |
|------------|--------------|-------------------|----------------------------|----------------------------|-----------|---------------|
| 12674-11-2 | AROCLOR 1016 | ND                | 0.50                       | NA                         |           | 0.0683        |
| 11104-28-2 | AROCLOR 1221 | ND                | 0.50                       | NA                         |           | 0.0666        |
| 11141-16-5 | AROCLOR 1232 | ND                | 0.50                       | NA                         |           | 0.0648        |
| 53469-21-9 | AROCLOR 1242 | ND                | 0.50                       | NA                         |           | 0.0485        |
| 12672-29-6 | AROCLOR 1248 | ND                | 0.50                       | NA                         |           | 0.0544        |
| 11097-69-1 | AROCLOR 1254 | ND                | 0.50                       | NA                         |           | 0.0608        |
| 11096-82-5 | AROCLOR 1260 | ND                | 0.50                       | NA                         |           | 0.0732        |

NA=Not Applicable

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND =UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

Initial Vol. (ml) 1000.00

Final Vol.(ml) 10.00

U.S.Army, Ft. Monmouth Environmental Laboratory  
Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Field ID: na  
Client ID: FIELD BLANK  
Lab ID: 7056215  
Filename: A00708.D  
Lab Project No: 70562

MATRIX: Aqueous  
Date Extracted: 28-Dec-07  
Ext. Batch: 12280701  
Date Analyzed: 29-Jan-08  
DILUTION: 1

Analyst: Wright

| <u>CAS #</u> | <u>COMPOUNDS</u> | <u>Results</u><br>(ug/L) | <u>*Reporting Limit</u><br>(ug/L) | <u>Cleanup Criteria</u><br>(ug/L) | <u>QUALIFIER</u> | <u>MDL</u><br>(ug/L) |
|--------------|------------------|--------------------------|-----------------------------------|-----------------------------------|------------------|----------------------|
| 12674-11-2   | AROCLOR 1016     | ND                       | 0.50                              | NA                                |                  | 0.0683               |
| 11104-28-2   | AROCLOR 1221     | ND                       | 0.50                              | NA                                |                  | 0.0666               |
| 11141-16-5   | AROCLOR 1232     | ND                       | 0.50                              | NA                                |                  | 0.0648               |
| 53469-21-9   | AROCLOR 1242     | ND                       | 0.50                              | NA                                |                  | 0.0485               |
| 12672-29-6   | AROCLOR 1248     | ND                       | 0.50                              | NA                                |                  | 0.0544               |
| 11097-69-1   | AROCLOR 1254     | ND                       | 0.50                              | NA                                |                  | 0.0608               |
| 11096-82-5   | AROCLOR 1260     | ND                       | 0.50                              | NA                                |                  | 0.0732               |

NA=Not Applicable

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND =UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

Initial Vol. (ml) 1000.00

Final Vol.(ml) 10.00

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: DUPLICATE  
Lab ID: 7056110  
Filename: A00730.D  
Lab Project No: 70561

MATRIX: Soil  
Date Extracted: 08-Jan-08  
Ext. Batch: 1080801  
Date Analyzed: 30-Jan-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0130         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0238         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0161         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0185         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0074         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0046         |
| 11096-82-5 | AROCLOR 1260 | 0.04               | 0.05                        |  |           | 0.0041         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND = UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 84  
Initial Wt (gm) 10.16  
Final Vol.(ml) 10.00

RESULTS REPORTED ON A DRY WEIGHT BASIS

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase H-Substations  
Lot #: na  
Client ID: DUPLICATE  
Lab ID: 7056202  
Filename: A00764.D  
Lab Project No: 70562

MATRIX: Soil  
Date Extracted: 09-Jan-08  
Ext. Batch: 1090801  
Date Analyzed: 31-Jan-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0128         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0234         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0159         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0182         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0073         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0045         |
| 11096-82-5 | AROCLOR 1260 | ND                 | 0.05                        |  |           | 0.0041         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND =UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 80  
Initial Wt (gm) 10.34  
Final Vol.(ml) 10.00

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 978SS-1  
Lab ID: 7056101  
Filename: A00718.D  
Lab Project No: 70561

MATRIX: Soil  
Date Extracted: 08-Jan-08  
Ext. Batch: 1080801  
Date Analyzed: 30-Jan-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0131         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0240         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0163         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0187         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0074         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0047         |
| 11096-82-5 | AROCLOR 1260 | 0.07               | 0.05                        |  |           | 0.0042         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND =UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 83  
Initial Wt (gm) 10.07  
Final Vol.(ml) 10.00

RESULTS REPORTED ON A DRY WEIGHT BASIS

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 978SS-2  
Lab ID: 7056102  
Filename: A00721.D  
Lab Project No: 70561

MATRIX: Soil  
Date Extracted: 08-Jan-08  
Ext. Batch: 1080801  
Date Analyzed: 30-Jan-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0129         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0236         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0160         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0183         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0073         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0046         |
| 11096-82-5 | AROCLOR 1260 | 0.84               | 0.05                        |  |           | 0.0041         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND =UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 89  
Initial Wt (gm) 10.25  
Final Vol.(ml) 10.00

RESULTS REPORTED ON A DRY WEIGHT BASIS

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 978SS-3  
Lab ID: 7056103  
Filename: A00722.D  
Lab Project No: 70561

MATRIX: Soil  
Date Extracted: 08-Jan-08  
Ext. Batch: 1080801  
Date Analyzed: 30-Jan-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0130         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0237         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0161         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0184         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0074         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0046         |
| 11096-82-5 | AROCLOR 1260 | 0.32               | 0.05                        |  |           | 0.0041         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND = UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 89  
Initial Wt (gm) 10.19  
Final Vol.(ml) 10.00

RESULTS REPORTED ON A DRY WEIGHT BASIS

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 978SS-4  
Lab ID: 7056104  
Filename: A00723.D  
Lab Project No: 70561

MATRIX: Soil  
Date Extracted: 08-Jan-08  
Ext. Batch: 1080801  
Date Analyzed: 30-Jan-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0128         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0235         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0159         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0182         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0073         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0046         |
| 11096-82-5 | AROCLOR 1260 | 0.15               | 0.05                        |  |           | 0.0041         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND =UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 88  
Initial Wt (gm) 10.31  
Final Vol.(ml) 10.00

RESULTS REPORTED ON A DRY WEIGHT BASIS

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 978SS-5  
Lab ID: 7056105  
Filename: A00724.D  
Lab Project No: 70561

MATRIX: Soil  
Date Extracted: 08-Jan-08  
Ext. Batch: 1080801  
Date Analyzed: 30-Jan-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0130         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0238         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0161         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0185         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0074         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0046         |
| 11096-82-5 | AROCLOR 1260 | 0.04               | 0.05                        |  |           | 0.0041         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND = UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 86  
Initial Wt (gm) 10.16  
Final Vol.(ml) 10.00

RESULTS REPORTED ON A DRY WEIGHT BASIS

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 978SS-6  
Lab ID: 7056106  
Filename: A00725.D  
Lab Project No: 70561

MATRIX: Soil  
Date Extracted: 08-Jan-08  
Ext. Batch: 1080801  
Date Analyzed: 30-Jan-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0129         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0236         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0160         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0183         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0073         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0046         |
| 11096-82-5 | AROCLOR 1260 | 0.06               | 0.05                        |  |           | 0.0041         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND =UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 85  
Initial Wt (gm) 10.27  
Final Vol.(ml) 10.00

RESULTS REPORTED ON A DRY WEIGHT BASIS

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 978SS-7  
Lab ID: 7056107  
Filename: A00727.D  
Lab Project No: 70561

MATRIX: Soil  
Date Extracted: 08-Jan-08  
Ext. Batch: 1080801  
Date Analyzed: 30-Jan-08  
DILUTION: 1

Analyst: Wright

| <u>CAS #</u> | <u>COMPOUNDS</u> | <u>Results</u><br>(mg/kg) | <u>*Reporting Limit</u><br>(mg/kg) |  | <u>QUALIFIER</u> | <u>MDL</u><br>(mg/kg) |
|--------------|------------------|---------------------------|------------------------------------|--|------------------|-----------------------|
| 12674-11-2   | AROCLOR 1016     | ND                        | 0.05                               |  |                  | 0.0129                |
| 11104-28-2   | AROCLOR 1221     | ND                        | 0.05                               |  |                  | 0.0236                |
| 11141-16-5   | AROCLOR 1232     | ND                        | 0.05                               |  |                  | 0.0160                |
| 53469-21-9   | AROCLOR 1242     | ND                        | 0.05                               |  |                  | 0.0183                |
| 12672-29-6   | AROCLOR 1248     | ND                        | 0.05                               |  |                  | 0.0073                |
| 11097-69-1   | AROCLOR 1254     | ND                        | 0.05                               |  |                  | 0.0046                |
| 11096-82-5   | AROCLOR 1260     | ND                        | 0.05                               |  |                  | 0.0041                |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND =UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 78  
Initial Wt (gm) 10.25  
Final Vol.(ml) 10.00

RESULTS REPORTED ON A DRY WEIGHT BASIS

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 978SS-8  
Lab ID: 7056108  
Filename: A00728.D  
Lab Project No: 70561

MATRIX: Soil  
Date Extracted: 08-Jan-08  
Ext. Batch: 1080801  
Date Analyzed: 30-Jan-08  
DILUTION: 1

Analyst: Wright

| <u>CAS #</u> | <u>COMPOUNDS</u> | <u>Results</u><br>(mg/kg) | <u>*Reporting Limit</u><br>(mg/kg) |  | <u>QUALIFIER</u> | <u>MDL</u><br>(mg/kg) |
|--------------|------------------|---------------------------|------------------------------------|--|------------------|-----------------------|
| 12674-11-2   | AROCLOR 1016     | ND                        | 0.05                               |  |                  | 0.0129                |
| 11104-28-2   | AROCLOR 1221     | ND                        | 0.05                               |  |                  | 0.0236                |
| 11141-16-5   | AROCLOR 1232     | ND                        | 0.05                               |  |                  | 0.0160                |
| 53469-21-9   | AROCLOR 1242     | ND                        | 0.05                               |  |                  | 0.0183                |
| 12672-29-6   | AROCLOR 1248     | ND                        | 0.05                               |  |                  | 0.0073                |
| 11097-69-1   | AROCLOR 1254     | ND                        | 0.05                               |  |                  | 0.0046                |
| 11096-82-5   | AROCLOR 1260     | 0.05                      | 0.05                               |  |                  | 0.0041                |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND =UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 91  
Initial Wt (gm) 10.27  
Final Vol.(ml) 10.00

RESULTS REPORTED ON A DRY WEIGHT BASIS

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 978SS-9  
Lab ID: 7056109  
Filename: A00729.D  
Lab Project No: 70561

MATRIX: Soil  
Date Extracted: 08-Jan-08  
Ext. Batch: 1080801  
Date Analyzed: 30-Jan-08  
DILUTION: 1

Analyst: Wright

| <u>CAS #</u> | <u>COMPOUNDS</u> | <u>Results</u><br>(mg/kg) | <u>*Reporting Limit</u><br>(mg/kg) |  | <u>QUALIFIER</u> | <u>MDL</u><br>(mg/kg) |
|--------------|------------------|---------------------------|------------------------------------|--|------------------|-----------------------|
| 12674-11-2   | AROCLOR 1016     | ND                        | 0.05                               |  |                  | 0.0125                |
| 11104-28-2   | AROCLOR 1221     | ND                        | 0.05                               |  |                  | 0.0229                |
| 11141-16-5   | AROCLOR 1232     | ND                        | 0.05                               |  |                  | 0.0155                |
| 53469-21-9   | AROCLOR 1242     | ND                        | 0.05                               |  |                  | 0.0178                |
| 12672-29-6   | AROCLOR 1248     | ND                        | 0.05                               |  |                  | 0.0071                |
| 11097-69-1   | AROCLOR 1254     | ND                        | 0.05                               |  |                  | 0.0044                |
| 11096-82-5   | AROCLOR 1260     | ND                        | 0.05                               |  |                  | 0.0040                |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND = UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 87  
Initial Wt (gm) 10.59  
Final Vol.(ml) 10.00

RESULTS REPORTED ON A DRY WEIGHT BASIS

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 1231SS-1  
Lab ID: 7056111  
Filename: A00731.D  
Lab Project No: 70561

MATRIX: Soil  
Date Extracted: 08-Jan-08  
Ext. Batch: 1080801  
Date Analyzed: 30-Jan-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0130         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0238         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0161         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0185         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0074         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0046         |
| 11096-82-5 | AROCLOR 1260 | ND                 | 0.05                        |  |           | 0.0041         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND =UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 83  
Initial Wt (gm) 10.17  
Final Vol.(ml) 10.00

RESULTS REPORTED ON A DRY WEIGHT BASIS

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 1231SS-2  
Lab ID: 7056112  
Filename: A00732.D  
Lab Project No: 70561

MATRIX: Soil  
Date Extracted: 08-Jan-08  
Ext. Batch: 1080801  
Date Analyzed: 30-Jan-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0128         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0235         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0159         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0182         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0073         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0046         |
| 11096-82-5 | AROCLOR 1260 | ND                 | 0.05                        |  |           | 0.0041         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND = UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 91  
Initial Wt (gm) 10.31  
Final Vol.(ml) 10.00

RESULTS REPORTED ON A DRY WEIGHT BASIS

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 1231SS-3  
Lab ID: 7056113  
Filename: A00733.D  
Lab Project No: 70561

MATRIX: Soil  
Date Extracted: 08-Jan-08  
Ext. Batch: 1080801  
Date Analyzed: 30-Jan-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0128         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0235         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0159         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0182         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0073         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0046         |
| 11096-82-5 | AROCLOR 1260 | ND                 | 0.05                        |  |           | 0.0041         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND = UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 82  
Initial Wt (gm) 10.31  
Final Vol.(ml) 10.00

RESULTS REPORTED ON A DRY WEIGHT BASIS

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 1231SS-4  
Lab ID: 7056114  
Filename: A00734.D  
Lab Project No: 70561

MATRIX: Soil  
Date Extracted: 08-Jan-08  
Ext. Batch: 1080801  
Date Analyzed: 30-Jan-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0124         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0227         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0154         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0176         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0070         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0044         |
| 11096-82-5 | AROCLOR 1260 | ND                 | 0.05                        |  |           | 0.0039         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND =UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 89  
Initial Wt (gm) 10.67  
Final Vol.(ml) 10.00

RESULTS REPORTED ON A DRY WEIGHT BASIS

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 1231SS-5  
Lab ID: 7056115  
Filename: A00735.D  
Lab Project No: 70561

MATRIX: Soil  
Date Extracted: 08-Jan-08  
Ext. Batch: 1080801  
Date Analyzed: 30-Jan-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0130         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0239         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0162         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0186         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0074         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0046         |
| 11096-82-5 | AROCLOR 1260 | ND                 | 0.05                        |  |           | 0.0042         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND = UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 84  
Initial Wt (gm) 10.12  
Final Vol.(ml) 10.00

RESULTS REPORTED ON A DRY WEIGHT BASIS

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 1231SS-6  
Lab ID: 7056116  
Filename: A00736.D  
Lab Project No: 70561

MATRIX: Soil  
Date Extracted: 08-Jan-08  
Ext. Batch: 1080801  
Date Analyzed: 30-Jan-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0125         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0228         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0155         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0177         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0071         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0044         |
| 11096-82-5 | AROCLOR 1260 | ND                 | 0.05                        |  |           | 0.0040         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND = UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 83  
Initial Wt (gm) 10.60  
Final Vol.(ml) 10.00

RESULTS REPORTED ON A DRY WEIGHT BASIS

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 1231SS-7  
Lab ID: 7056117  
Filename: A00738.D  
Lab Project No: 70561

MATRIX: Soil  
Date Extracted: 08-Jan-08  
Ext. Batch: 1080801  
Date Analyzed: 30-Jan-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0124         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0227         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0154         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0177         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0070         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0044         |
| 11096-82-5 | AROCLOR 1260 | ND                 | 0.05                        |  |           | 0.0039         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND =UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 84  
Initial Wt (gm) 10.64  
Final Vol.(ml) 10.00

RESULTS REPORTED ON A DRY WEIGHT BASIS

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 1231SS-8  
Lab ID: 7056118  
Filename: A00739.D  
Lab Project No: 70561

MATRIX: Soil  
Date Extracted: 08-Jan-08  
Ext. Batch: 1080801  
Date Analyzed: 31-Jan-08  
DILUTION: 1

Analyst: Wright

| <u>CAS #</u> | <u>COMPOUNDS</u> | <u>Results</u><br>(mg/kg) | <u>*Reporting Limit</u><br>(mg/kg) |  | <u>QUALIFIER</u> | <u>MDL</u><br>(mg/kg) |
|--------------|------------------|---------------------------|------------------------------------|--|------------------|-----------------------|
| 12674-11-2   | AROCLOR 1016     | ND                        | 0.05                               |  |                  | 0.0127                |
| 11104-28-2   | AROCLOR 1221     | ND                        | 0.05                               |  |                  | 0.0232                |
| 11141-16-5   | AROCLOR 1232     | ND                        | 0.05                               |  |                  | 0.0158                |
| 53469-21-9   | AROCLOR 1242     | ND                        | 0.05                               |  |                  | 0.0181                |
| 12672-29-6   | AROCLOR 1248     | ND                        | 0.05                               |  |                  | 0.0072                |
| 11097-69-1   | AROCLOR 1254     | ND                        | 0.05                               |  |                  | 0.0045                |
| 11096-82-5   | AROCLOR 1260     | ND                        | 0.05                               |  |                  | 0.0040                |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND = UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 88  
Initial Wt (gm) 10.41  
Final Vol.(ml) 10.00

RESULTS REPORTED ON A DRY WEIGHT BASIS

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 1231SS-9  
Lab ID: 7056119  
Filename: A00740.D  
Lab Project No: 70561

MATRIX: Soil  
Date Extracted: 08-Jan-08  
Ext. Batch: 1080801  
Date Analyzed: 31-Jan-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0131         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0240         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0163         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0186         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0074         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0047         |
| 11096-82-5 | AROCLOR 1260 | ND                 | 0.05                        |  |           | 0.0042         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND = UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 85  
Initial Wt (gm) 10.09  
Final Vol.(ml) 10.00

RESULTS REPORTED ON A DRY WEIGHT BASIS

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 2716SS-1  
Lab ID: 7056120  
Filename: A00741.D  
Lab Project No: 70561

MATRIX: Soil  
Date Extracted: 08-Jan-08  
Ext. Batch: 1080801  
Date Analyzed: 31-Jan-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0127         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0233         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0158         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0181         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0072         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0045         |
| 11096-82-5 | AROCLOR 1260 | 0.07               | 0.05                        |  |           | 0.0040         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND = UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 82  
Initial Wt (gm) 10.38  
Final Vol.(ml) 10.00

RESULTS REPORTED ON A DRY WEIGHT BASIS

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 2716SS-2  
Lab ID: 7056121  
Filename: A00748.D  
Lab Project No: 70561

MATRIX: Soil  
Date Extracted: 08-Jan-08  
Ext. Batch: 1080802  
Date Analyzed: 31-Jan-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0127         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0233         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0158         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0181         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0072         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0045         |
| 11096-82-5 | AROCLOR 1260 | ND                 | 0.05                        |  |           | 0.0041         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND =UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 91  
Initial Wt (gm) 10.37  
Final Vol.(ml) 10.00

RESULTS REPORTED ON A DRY WEIGHT BASIS

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 2716SS-3  
Lab ID: 7056122  
Filename: A00751.D  
Lab Project No: 70561

MATRIX: Soil  
Date Extracted: 08-Jan-08  
Ext. Batch: 1080802  
Date Analyzed: 31-Jan-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0129         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0236         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0160         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0184         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0073         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0046         |
| 11096-82-5 | AROCLOR 1260 | ND                 | 0.05                        |  |           | 0.0041         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND = UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 91  
Initial Wt (gm) 10.24  
Final Vol.(ml) 10.00

RESULTS REPORTED ON A DRY WEIGHT BASIS

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 2716SS-4  
Lab ID: 7056123  
Filename: A00752.D  
Lab Project No: 70561

MATRIX: Soil  
Date Extracted: 08-Jan-08  
Ext. Batch: 1080802  
Date Analyzed: 31-Jan-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0130         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0237         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0161         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0184         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0074         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0046         |
| 11096-82-5 | AROCLOR 1260 | ND                 | 0.05                        |  |           | 0.0041         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND =UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 90  
Initial Wt (gm) 10.19  
Final Vol.(ml) 10.00

RESULTS REPORTED ON A DRY WEIGHT BASIS

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 2716SS-5  
Lab ID: 7056124  
Filename: A00753.D  
Lab Project No: 70561

MATRIX: Soil  
Date Extracted: 08-Jan-08  
Ext. Batch: 1080802  
Date Analyzed: 31-Jan-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0128         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0234         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0159         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0182         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0073         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0045         |
| 11096-82-5 | AROCLOR 1260 | ND                 | 0.05                        |  |           | 0.0041         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND = UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 90  
Initial Wt (gm) 10.33  
Final Vol.(ml) 10.00

RESULTS REPORTED ON A DRY WEIGHT BASIS

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 2716SS-6  
Lab ID: 7056125  
Filename: A00754.D  
Lab Project No: 70561

MATRIX: Soil  
Date Extracted: 08-Jan-08  
Ext. Batch: 1080802  
Date Analyzed: 31-Jan-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0130         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0238         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0162         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0185         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0074         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0046         |
| 11096-82-5 | AROCLOR 1260 | 0.04               | 0.05                        |  |           | 0.0041         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND = UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 86  
Initial Wt (gm) 10.15  
Final Vol.(ml) 10.00

RESULTS REPORTED ON A DRY WEIGHT BASIS

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 2716SS-7  
Lab ID: 7056126  
Filename: A00755.D  
Lab Project No: 70561

MATRIX: Soil  
Date Extracted: 08-Jan-08  
Ext. Batch: 1080802  
Date Analyzed: 31-Jan-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0130         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0237         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0161         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0184         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0074         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0046         |
| 11096-82-5 | AROCLOR 1260 | 0.09               | 0.05                        |  |           | 0.0041         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND = UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 82  
Initial Wt (gm) 10.19  
Final Vol.(ml) 10.00

RESULTS REPORTED ON A DRY WEIGHT BASIS

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 2716SS-8  
Lab ID: 7056127  
Filename: A00756.D  
Lab Project No: 70561

MATRIX: Soil  
Date Extracted: 08-Jan-08  
Ext. Batch: 1080802  
Date Analyzed: 31-Jan-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0130         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0238         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0161         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0185         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0074         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0046         |
| 11096-82-5 | AROCLOR 1260 | 0.07               | 0.05                        |  |           | 0.0041         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND = UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 85  
Initial Wt (gm) 10.17  
Final Vol.(ml) 10.00

RESULTS REPORTED ON A DRY WEIGHT BASIS

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 2716SS-9  
Lab ID: 7056128  
Filename: A00757.D  
Lab Project No: 70561

MATRIX: Soil  
Date Extracted: 08-Jan-08  
Ext. Batch: 1080802  
Date Analyzed: 31-Jan-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0127         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0233         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0158         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0181         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0072         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0045         |
| 11096-82-5 | AROCLOR 1260 | ND                 | 0.05                        |  |           | 0.0040         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND = UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 89  
Initial Wt (gm) 10.38  
Final Vol.(ml) 10.00

RESULTS REPORTED ON A DRY WEIGHT BASIS

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 2700SS-A2  
Lab ID: 7056201  
Filename: A00761.D  
Lab Project No: 70562

MATRIX: Soil  
Date Extracted: 09-Jan-08  
Ext. Batch: 1090801  
Date Analyzed: 31-Jan-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0131         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0239         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0162         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0186         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0074         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0046         |
| 11096-82-5 | AROCLOR 1260 | 0.05               | 0.05                        |  |           | 0.0042         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND = UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 79  
Initial Wt (gm) 10.11  
Final Vol.(ml) 10.00

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 2700SS-B1  
Lab ID: 7056203  
Filename: A00765.D  
Lab Project No: 70562

MATRIX: Soil  
Date Extracted: 09-Jan-08  
Ext. Batch: 1090801  
Date Analyzed: 31-Jan-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0129         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0237         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0161         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0184         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0073         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0046         |
| 11096-82-5 | AROCLOR 1260 | ND                 | 0.05                        |  |           | 0.0041         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND =UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 82  
Initial Wt (gm) 10.21  
Final Vol.(ml) 10.00

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 2700SS-B2  
Lab ID: 7056204  
Filename: A00766.D  
Lab Project No: 70562

MATRIX: Soil  
Date Extracted: 09-Jan-08  
Ext. Batch: 1090801  
Date Analyzed: 31-Jan-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0129         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0237         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0161         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0184         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0074         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0046         |
| 11096-82-5 | AROCLOR 1260 | 0.04               | 0.05                        |  |           | 0.0041         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND =UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 78  
Initial Wt (gm) 10.20  
Final Vol.(ml) 10.00

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 2700SS-B3  
Lab ID: 7056205  
Filename: A00767.D  
Lab Project No: 70562

MATRIX: Soil  
Date Extracted: 09-Jan-08  
Ext. Batch: 1090801  
Date Analyzed: 31-Jan-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0131         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0239         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0162         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0186         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0074         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0046         |
| 11096-82-5 | AROCLOR 1260 | 0.07               | 0.05                        |  |           | 0.0042         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND = UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 79  
Initial Wt (gm) 10.11  
Final Vol.(ml) 10.00

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 2700SS-B4  
Lab ID: 7056206  
Filename: A00768.D  
Lab Project No: 70562

MATRIX: Soil  
Date Extracted: 09-Jan-08  
Ext. Batch: 1090801  
Date Analyzed: 31-Jan-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0130         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0239         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0162         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0186         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0074         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0046         |
| 11096-82-5 | AROCLOR 1260 | 0.12               | 0.05                        |  |           | 0.0041         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND =UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 82  
Initial Wt (gm) 10.13  
Final Vol.(ml) 10.00

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 2700SS-C1  
Lab ID: 7056207  
Filename: A00781.D  
Lab Project No: 70562

MATRIX: Soil  
Date Extracted: 09-Jan-08  
Ext. Batch: 1090801  
Date Analyzed: 01-Feb-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0132         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0241         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0164         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0187         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0075         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0047         |
| 11096-82-5 | AROCLOR 1260 | 0.04               | 0.05                        |  |           | 0.0042         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND = UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 86  
Initial Wt (gm) 10.03  
Final Vol.(ml) 10.00

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 2700SS-C2  
Lab ID: 7056208  
Filename: A00782.D  
Lab Project No: 70562

MATRIX: Soil  
Date Extracted: 09-Jan-08  
Ext. Batch: 1090801  
Date Analyzed: 01-Feb-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0126         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0230         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0156         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0179         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0071         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0045         |
| 11096-82-5 | AROCLOR 1260 | ND                 | 0.05                        |  |           | 0.0040         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND =UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 85  
Initial Wt (gm) 10.50  
Final Vol.(ml) 10.00

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 2700SS-C3  
Lab ID: 7056209  
Filename: A00775.D  
Lab Project No: 70562

MATRIX: Soil  
Date Extracted: 09-Jan-08  
Ext. Batch: 1090801  
Date Analyzed: 01-Feb-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0127         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0234         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0158         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0181         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0072         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0045         |
| 11096-82-5 | AROCLOR 1260 | ND                 | 0.05                        |  |           | 0.0041         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND =UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 80  
Initial Wt (gm) 10.36  
Final Vol.(ml) 10.00

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 2700SS-C4  
Lab ID: 7056210  
Filename: A00776.D  
Lab Project No: 70562

MATRIX: Soil  
Date Extracted: 09-Jan-08  
Ext. Batch: 1090801  
Date Analyzed: 01-Feb-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0130         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0238         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0161         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0185         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0074         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0046         |
| 11096-82-5 | AROCLOR 1260 | ND                 | 0.05                        |  |           | 0.0041         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND =UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 77  
Initial Wt (gm) 10.18  
Final Vol.(ml) 10.00

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 2700SS-D1  
Lab ID: 7056211  
Filename: A00777.D  
Lab Project No: 70562

MATRIX: Soil  
Date Extracted: 09-Jan-08  
Ext. Batch: 1090801  
Date Analyzed: 01-Feb-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0128         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0235         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0159         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0182         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0073         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0046         |
| 11096-82-5 | AROCLOR 1260 | ND                 | 0.05                        |  |           | 0.0041         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND =UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 79  
Initial Wt (gm) 10.31  
Final Vol.(ml) 10.00

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 2700SS-D2  
Lab ID: 7056212  
Filename: A00778.D  
Lab Project No: 70562

MATRIX: Soil  
Date Extracted: 09-Jan-08  
Ext. Batch: 1090801  
Date Analyzed: 01-Feb-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0131         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0240         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0162         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0186         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0074         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0047         |
| 11096-82-5 | AROCLOR 1260 | 0.65               | 0.05                        |  |           | 0.0042         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND = UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 82  
Initial Wt (gm) 10.10  
Final Vol.(ml) 10.00

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 2700SS-D3  
Lab ID: 7056213  
Filename: A00779.D  
Lab Project No: 70562

MATRIX: Soil  
Date Extracted: 09-Jan-08  
Ext. Batch: 1090801  
Date Analyzed: 01-Feb-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0129         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0237         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0161         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0184         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0074         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0046         |
| 11096-82-5 | AROCLOR 1260 | ND                 | 0.05                        |  |           | 0.0041         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND =UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 80  
Initial Wt (gm) 10.20  
Final Vol.(ml) 10.00

U.S.Army, Ft. Monmouth Environmental Laboratory

Report of Analysis  
NJDEP Certification #13461  
Method 8082

Client: US Army DPW  
Location: ECP Phase II-Substations  
Lot #: na  
Client ID: 2700SS-D4  
Lab ID: 7056214  
Filename: A00780.D  
Lab Project No: 70562

MATRIX: Soil  
Date Extracted: 09-Jan-08  
Ext. Batch: 1090801  
Date Analyzed: 01-Feb-08  
DILUTION: 1

Analyst: Wright

| CAS #      | COMPOUNDS    | Results<br>(mg/kg) | *Reporting Limit<br>(mg/kg) |  | QUALIFIER | MDL<br>(mg/kg) |
|------------|--------------|--------------------|-----------------------------|--|-----------|----------------|
| 12674-11-2 | AROCLOR 1016 | ND                 | 0.05                        |  |           | 0.0129         |
| 11104-28-2 | AROCLOR 1221 | ND                 | 0.05                        |  |           | 0.0236         |
| 11141-16-5 | AROCLOR 1232 | ND                 | 0.05                        |  |           | 0.0160         |
| 53469-21-9 | AROCLOR 1242 | ND                 | 0.05                        |  |           | 0.0183         |
| 12672-29-6 | AROCLOR 1248 | ND                 | 0.05                        |  |           | 0.0073         |
| 11097-69-1 | AROCLOR 1254 | ND                 | 0.05                        |  |           | 0.0046         |
| 11096-82-5 | AROCLOR 1260 | ND                 | 0.05                        |  |           | 0.0041         |

\*RESULTS BETWEEN MDL AND RL ARE ESTIMATED.

MDL = METHOD DETECTION LIMIT

ND =UNDETECTED BELOW THE MDL

B = PRESENT IN THE ASSOCIATED BLANK

E = EXCEEDED CALIBRATION RANGE, DILUTION TO FOLLOW

D = DILUTION

%Solid 80  
Initial Wt (gm) 10.27  
Final Vol.(ml) 10.00