

**U.S. NAVY NORTHERN DIVISION  
REMEDIAL ACTION CONTRACT (RAC)  
CONTRACT NO. N62472-94-D-0398  
DELIVERY ORDER NO. 0042**

**FINAL  
CONTRACTOR'S CLOSE-OUT REPORT  
FOR  
REMOVAL OF PCB-CONTAMINATED SOIL  
PRIVET ROAD SITE  
WILLOW GROVE NAVAL AIR STATION  
WILLOW GROVE, PENNSYLVANIA**

*Issued:*

**NOVEMBER 1999**

*Prepared by:*

**FOSTER WHEELER ENVIRONMENTAL CORPORATION  
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<u>Revision</u>	<u>Date</u>	<u>Prepared by</u>	<u>Approved by</u>	<u>Pages Affected</u>
0	11/15/99	D. Walsh, CPG	J. Irej, CHMM	All

*[Handwritten mark]*

CONTRACTOR DRAWINGS & INFORMATION SUBMITTAL  
NORTHNAVFACENGCOM 4335/3 (Rev. 6/80)

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CONTROL NO. 1B

CONTRACT NO. <b>N62472-94-D-0398</b>	DELIVERY ORDER # <b>42</b>	ACTIVITY LOCATION <b>Willow Grove NAS, PA</b>
PROJECT TITLE: <b>Removal of PCB Contaminated Soil - Privet Road Site</b>		
FROM: <b>Foster Wheeler Environmental Corp. - Program QCM: Mark Miller</b>		DATE November 15, 1999
TO: <b>J Briggs (10 copies)</b>		DATE November 15, 1999

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ITEM NO.	SUBMITTAL DESCRIPTION	PREPARED/SUBMITTED BY	APPROVED	DISAPPROVED	REMARKS
1b	SD-18, Records; Final Contractor's Closeout Report - R0	M Miller			

**WILLOW GROVE NAVAL AIR STATION - PRIVET ROAD  
CLOSE-OUT REPORT  
PCB-CONTAMINATED SOIL REMOVAL**

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**WILLOW GROVE NAVAL AIR STATION - PRIVET ROAD  
CLOSE-OUT REPORT  
PCB-CONTAMINATED SOIL REMOVAL**

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**ATTACHMENTS**

Attachment A	Laboratory Analytical Results
Attachment B	Waste Profiles
Attachment C	Waste Manifests
Attachment D	Surveyed Sample Locations and Map

## 1.0 INTRODUCTION

Foster Wheeler Environmental Corporation (Foster Wheeler) has prepared this Contractor's Close-out Report for Delivery Order No. 0022 & 0042 under the U.S. Navy Northern Division (the Navy) Remedial Action Contract (RAC) N62472-94-D-0398. This report summarizes the field activities and analytical results for the removal of PCB-contaminated soil from Site 1 and six (6) nearby hotspot areas at the Privet Road Site, Willow Grove Naval Air Station (NAS), Willow Grove, Pennsylvania. Most of the sampling and excavation activities were conducted from June 9, 1999 through July 17, 1999, with final hydroseeding/restoration being completed on October 7, 1999.

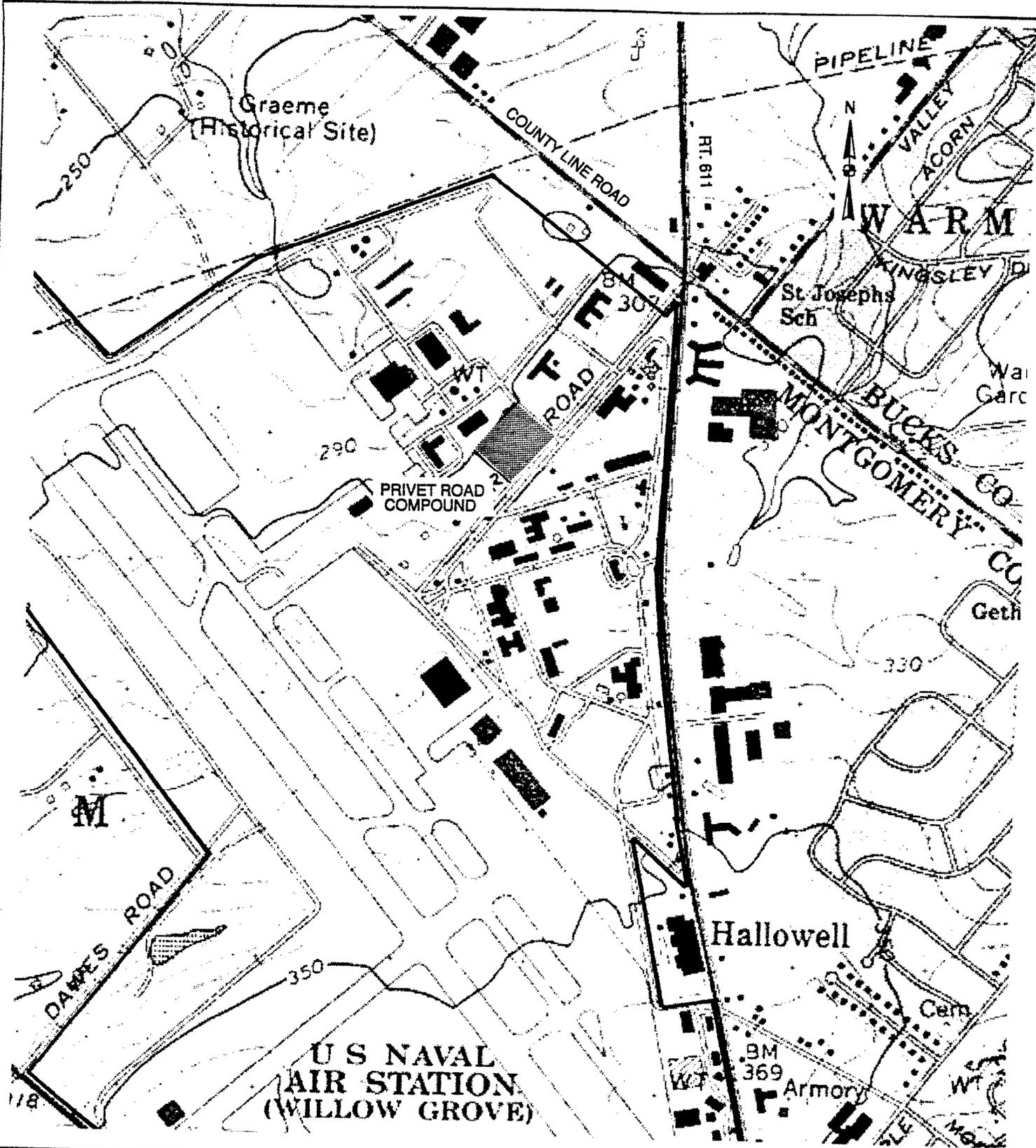
The removal action was required to remove soils contaminated with PCBs at the Privet Road Compound, in accordance with the National Oil and Hazardous Substances Pollution Contingency Plan (NCP), 40 CFR Part 300, and as identified in the "Action Memorandum" dated March 1999. The Final Work Plan detailing the activities required for the removal action was submitted to the Navy on May 28, 1999.

### 1.1 Site Location/Description

The Willow Grove NAS is located approximately 15 miles north of Philadelphia, PA, in Willow Grove, Montgomery County, PA (Figure 1). The NAS property is bordered to the north by the intersection of Keith Valley Road, County Line Road, and Graeme State Park. Easton Road (Route 611) borders the east and Horsham Road (Route 463) borders the southwest side of the NAS property.

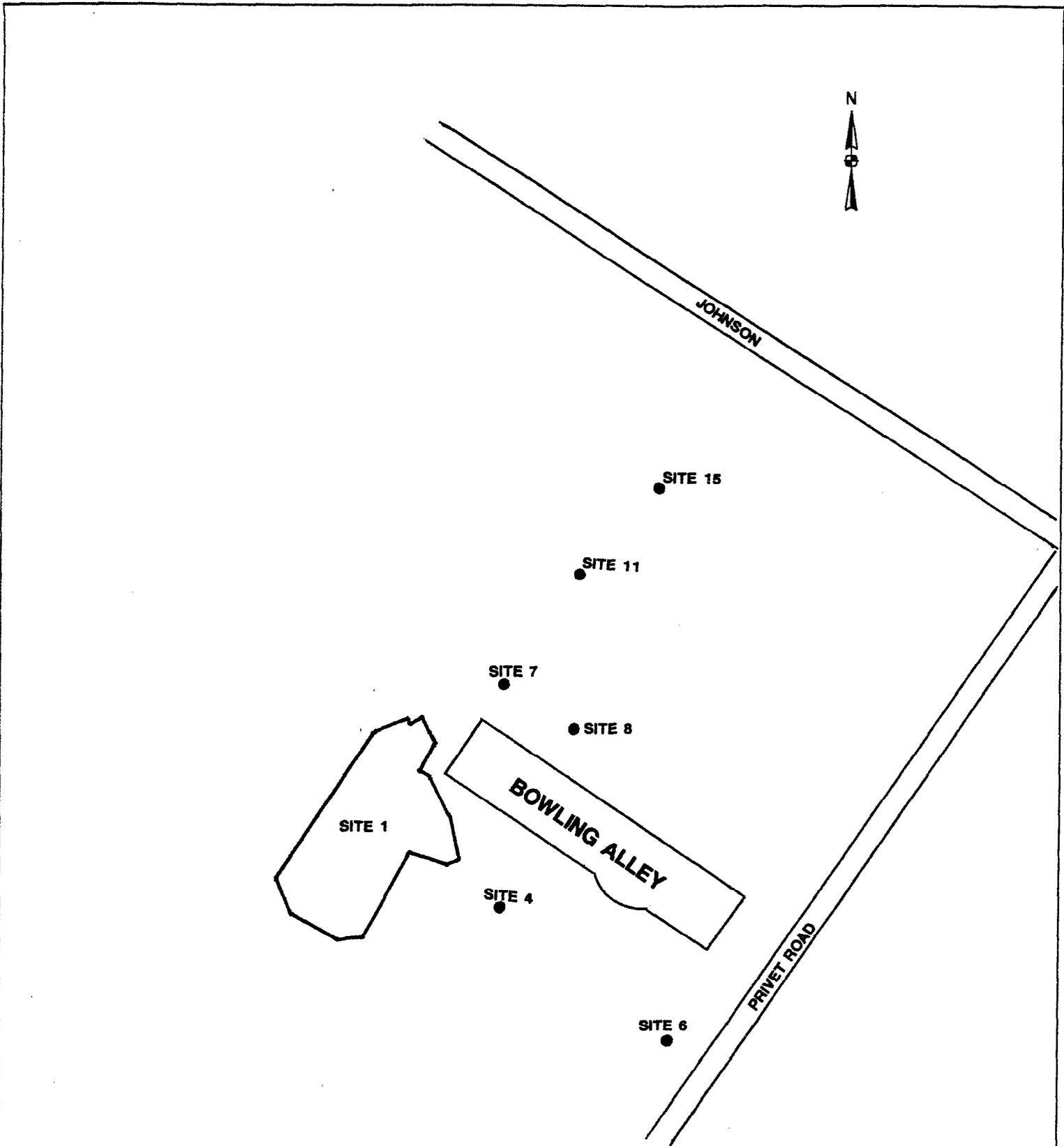
The Privet Road Compound covers approximately 3 acres within a heavily developed portion of the NAS, adjacent to the Willow Grove Air Reserve Facility. Based on information indicating electrical transformers were historically stored at the Compound, and a concern over the possibility that the transformers may have leaked fluids containing PCBs, the Navy tested soils throughout Site 1. Analytical results indicated PCBs were present in surface and shallow subsurface soils.

The main excavation area (Site 1) is located adjacent to the Bowling Alley on Privet Road. The area is approximately 70 feet wide by 155 feet long. There were also six (6) smaller hotspot areas located north, east, and south of the Bowling Alley that required soil removal due to elevated concentrations of PCBs (Figure 2). Overburden soils (4-9 feet thick) consisting of sandy silt, silty sand, and silty clay, overly weathered sandstone bedrock at the Compound.



U.S. Navy RAC  
Willow Grove NAS

Figure 1  
Site Location Map



NOT TO SCALE

U.S. Navy RAC  
Willow Grove NAS

Figure 2

Site Basemap

## 1.2 Project Description

The Scope of Work for the removal action included:

- pre-excavation soil sampling for waste characterization purposes;
- establishment of work zones to meet the excavation requirements;
- installation of erosion barriers (silt fencing);
- removal of two Honey Locust trees located within the footprint of Site 1;
- excavation and off-site disposal of PCB-impacted soils from each identified area of concern, with subsequent confirmational sampling to ensure all soils containing PCBs in excess of 1 ppm (parts per million) were removed;
- surveying of the seven excavation areas, plus an additional 20ft x 20ft area around Site 1 sample location 01SB03 that had been identified as potentially containing TSCA waste; and,
- backfilling, regrading, and seeding of impacted areas.

## 2.0 CHRONOLOGY OF EVENTS

### *Contract Modifications/Deliverables:*

October 1998	FWENC submitted 1 <sup>st</sup> Draft Work Plan to Navy.
April 21, 1999	The Navy issued a Modification for removal of PCB contaminated soils exceeding 1 ppm from the Privet Road area at Willow Grove NAS.
May 12, 1999	FWENC issued revised Draft Work Plan.
May 28, 1999	FWENC issued Final Work Plan, including signed Action Memorandum entitled <i>Removal of Soils Contaminated with Polychlorinated Biphenyl's (PCBs), Site 1 - Privet Road Compound</i> , prepared by the Navy, May 1999.
July 6, 1999	FWENC received additional funding approval from the Navy to complete the PCB soil removal. Additional funding required due to soils being impacted slightly deeper than originally estimated.

*Field Activities:*

May 20, 1999	Collected waste characterization samples.
June 6, 1999	Eco-Tron performed waste profile analysis.
June 6-14, 1999	Performed initial removal effort at Site 1 and 6 hotspot areas. Removed approx. 814 tons (37 truck loads) of soil to Clean Earth, located in New Castle, DE
June 8, 1999	Performed removal at potential-TSCA waste hotspot within Site 1. Transported approx. 50 tons of soil to the Michigan Disposal Waste Treatment Plant, Belleville, MI for disposal.
June 6-8, 1999	Tetra Tech performed on-site immunoassay field testing of soils in of excavations to determine if additional excavation was needed.
June 9, 1999	FWENC performed initial confirmational soil sampling. Sampling was based upon those areas exhibiting PCB soil concentrations of less than 1 ppm, as measured in the field by Tetra Tech using immunoassay technology.
June 23, 1999	Received analytical results indicating cleanup objectives were not obtained in all areas.
July 7-9, 1999	Performed 2 <sup>nd</sup> excavation effort. Removed approx. 308 tons (14 truck loads) of soil and transported to Clean Earth, located in New Castle, DE.
July 9, 1999	Performed second round of confirmatory soil sampling.
July 14, 1999	Received analytical results from 2 <sup>nd</sup> round of excavation, indicating four areas still contained PCBs in excess of 1ppm.
July 16, 1999	Performed 3 <sup>rd</sup> removal effort. Removed approx. 22 tons (1 truck load) of soil from hotspot areas 6, 11, 15, and Site 1. Transported excavated soils to Clean Earth, located in New Castle, DE
July 16, 1999	Performed 3 <sup>rd</sup> round of confirmatory sampling.
July 23, 1999	Received analytical data indicating all excavated areas met cleanup objectives (< 1ppm PCBs).
July 27, 1999	Performed site layout survey of Site 1 and six nearby hotspot areas.
August 7, 1999	Backfilled excavations and regraded.
October 7, 1999	Hydroseeded regraded excavation areas.

### **3.0 CONTAMINATED SOIL REMOVAL ACTION ACTIVITIES**

#### **3.1 Limits of Soil Sampling**

Prior characterization and investigation sampling conducted by the Navy CLEAN contractor defined the initial limits of excavation/removal at each site area. Based on these results, each area to be excavated was marked in the field, prior to soil removal activities.

#### **3.2 Waste Characterization**

Four composite soil samples were collected on November 24, 1998 and were laboratory-analyzed for PA Form U parameters (including TCLP organics, herbicides, pesticides, and metals; pH, ignitability, Reactive Cyanide and Sulfide; Paint Filter Test; PCBs; Total Solids; Total Volatile Solids; Chemical Oxygen Demand; Ammonia-N; and Oil & Grease). In addition, two composite soil samples (FW-PCB-01 and FW-PCB-02) were collected on May 20, 1999 and laboratory-analyzed for additional organic parameters (including BTEX, Total Petroleum Hydrocarbons [TPH], and Total Organic Halogens [TOX]). One composite sample was collected from 5 locations within Site 1; the other composite sample was collected from each of the hotspot areas. Both samples revealed no detectable concentrations for any of these constituents. This data was utilized by EcoTron-New Jersey, Inc. to characterize the excavated soils as non-regulated, non-hazardous. Laboratory analytical results and associated waste profile sheets are provided in Attachments A and B.

#### **3.3 Pre-Excavation Activities**

In accordance with the Final Work Plan, work zones were established around each excavation area and erosion barriers (silt fencing) were placed around the perimeter of each area. Two Honey Locust trees located within the proposed excavation area at Site 1 were removed and cut down into manageable pieces. The wood was staged nearby for future use by the Navy.

#### **3.4 Excavation and Off-Site Disposal**

A JCB backhoe with a one-half yard bucket was used to excavate/remove the contaminated soils from each of the impacted areas. In some cases, excavations were deepened using hand-tools.

A 20-foot by 20-foot area around sample location 01SB03 at Site 1 containing TSCA-level PCBs (>50 ppm) was excavated within the main excavation area at Site 1. This area was excavated to a depth of two feet below grade. Transport vehicles, equipped with sealed tailgates, were staged

along the perimeter of the excavation during the loading phase. The loading area was covered with visquene as a protection against any accidental spillage. After completing excavation activities at this area, the excavator bucket was dry-decontaminated before continuing with excavation activities at the remainder of the sites.

Following the initial excavation at Site 1, six samples were collected from the bottom of the two-foot deep excavation, and another six samples were collected from the sidewalls (Figure 3). These samples were submitted to Toxikon Laboratories for analysis of PCBs via Method SW8082.

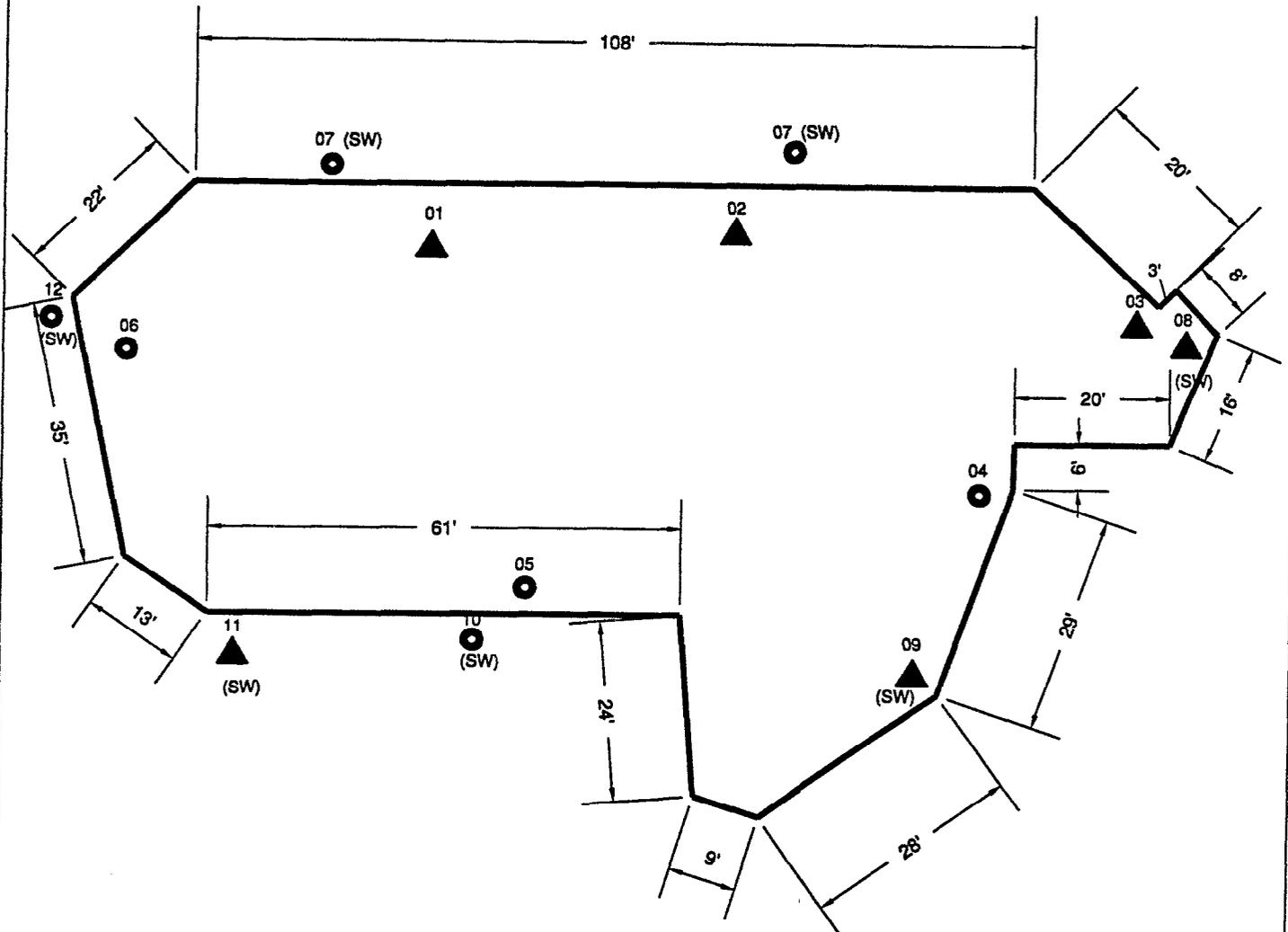
At each of the six hotspot areas, soils were excavated to a depth of 2 feet. The areal dimensions and confirmatory sample locations are shown in Figures 4 through 9. Analytical results for the initial confirmatory samples are provided in Table 1.

At each excavation area, several of the initial confirmatory samples revealed the presence of Aroclor-1260 in excess of the 1 ppm cleanup threshold. Therefore, a second round of excavation/sampling was conducted from July 7-9, 1999. Each excavation was deepened by one foot and a second round of confirmatory samples were collected for laboratory analysis (Table 2).

Confirmatory analytical results from the second round of excavation/sampling revealed portions of four areas (Site 1, and hotspot areas 6, 11, and 15) still exceeded the 1 ppm cleanup criteria. A 3<sup>rd</sup> (and final) round of excavation/sampling was conducted on July 16, 1999. Approximately 22 tons of soil was excavated from each of the final four areas. Confirmatory analytical results following the 3<sup>rd</sup> round of excavation indicated all soils containing PCBs in excess of 1 ppm had been removed (Table 3).

### **3.5 Surveying of Excavation Areas**

The excavation areas and confirmatory sample locations were surveyed by Lippincott, Jacobs and Gouda (LJG), a professional surveying firm licensed for surveying in the Commonwealth of Pennsylvania. LJG conducted the field survey immediately following completion of the excavation and confirmatory sampling. A complete listing of sampling locations (in PA State Plane Coordinates), as well as a hardcopy survey map, has been included as Attachment D.



**LEGEND**

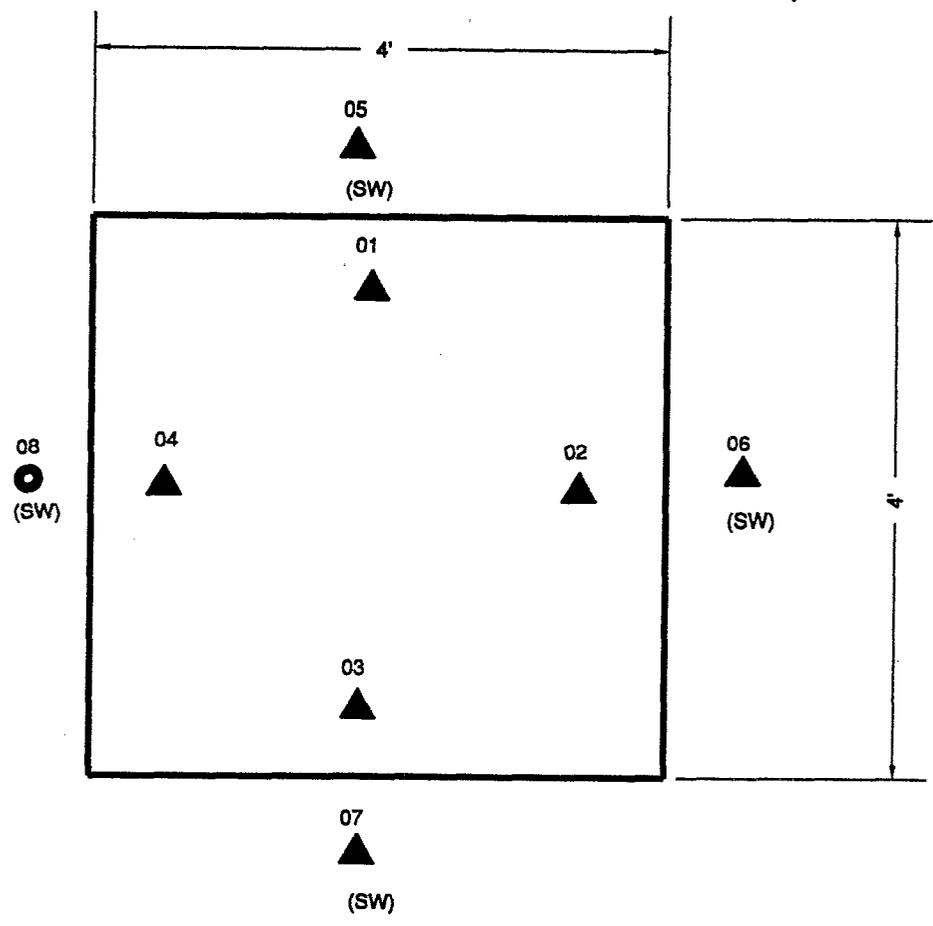
- CONFIRMATORY SAMPLE POINT
- ▲ CONFIRMATORY SAMPLE THAT EXCEEDED 1 PPM PCB
- (SW) SIDE WALL SAMPLE POINT

NOT TO SCALE

U.S. Navy RAC  
Willow Grove NAS-Privet Road

Figure 3

Site 1 Excavation Plan with Sample Locations

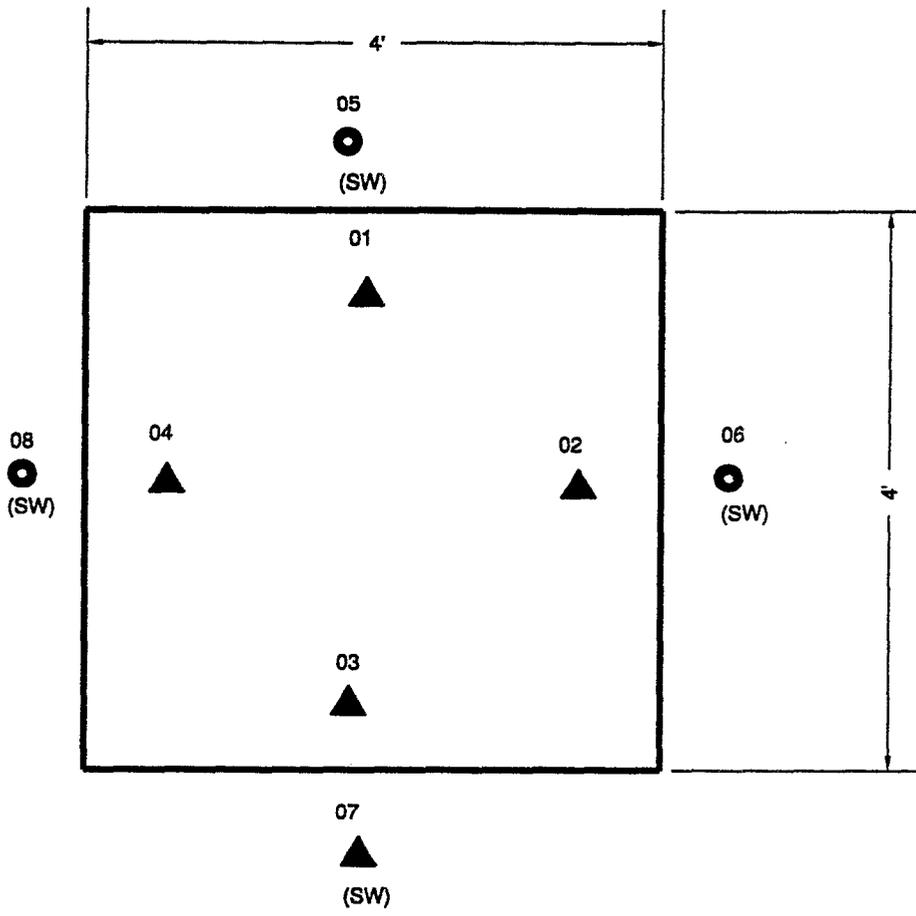


**LEGEND**

- CONFIRMATORY SAMPLE POINT
- ▲ CONFIRMATORY SAMPLE THAT EXCEEDED 1 PPM PCB
- (SW) SIDE WALL SAMPLE POINT

NOT TO SCALE

<b>U.S. Navy RAC</b> <b>Willow Grove NAS-Privet Road</b>
Figure 4 Hotspot Area 4 Excavation Plan with Sample Locations
 FOSTER WHEELER ENVIRONMENTAL CORPORATION

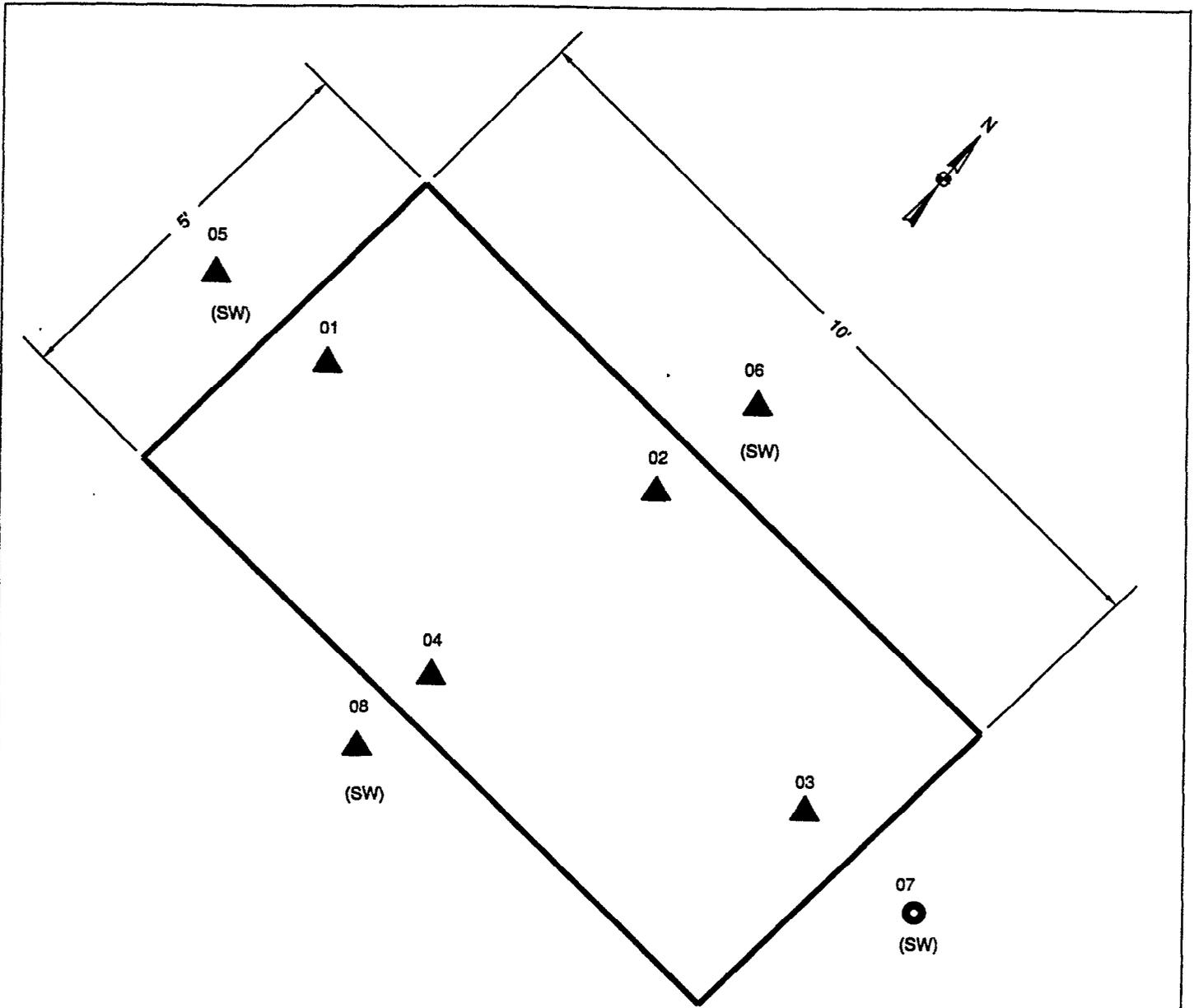


**LEGEND**

- CONFIRMATORY SAMPLE POINT
- ▲ CONFIRMATORY SAMPLE THAT EXCEEDED 1 PPM PCB
- (SW) SIDE WALL SAMPLE POINT

NOT TO SCALE

<b>U.S. Navy RAC</b> <b>Willow Grove NAS-Privet Road</b>
Figure 5 Hotspot Area 6 Excavation Plan with Sample Locations
 FOSTER WHEELER ENVIRONMENTAL CORPORATION



**LEGEND**

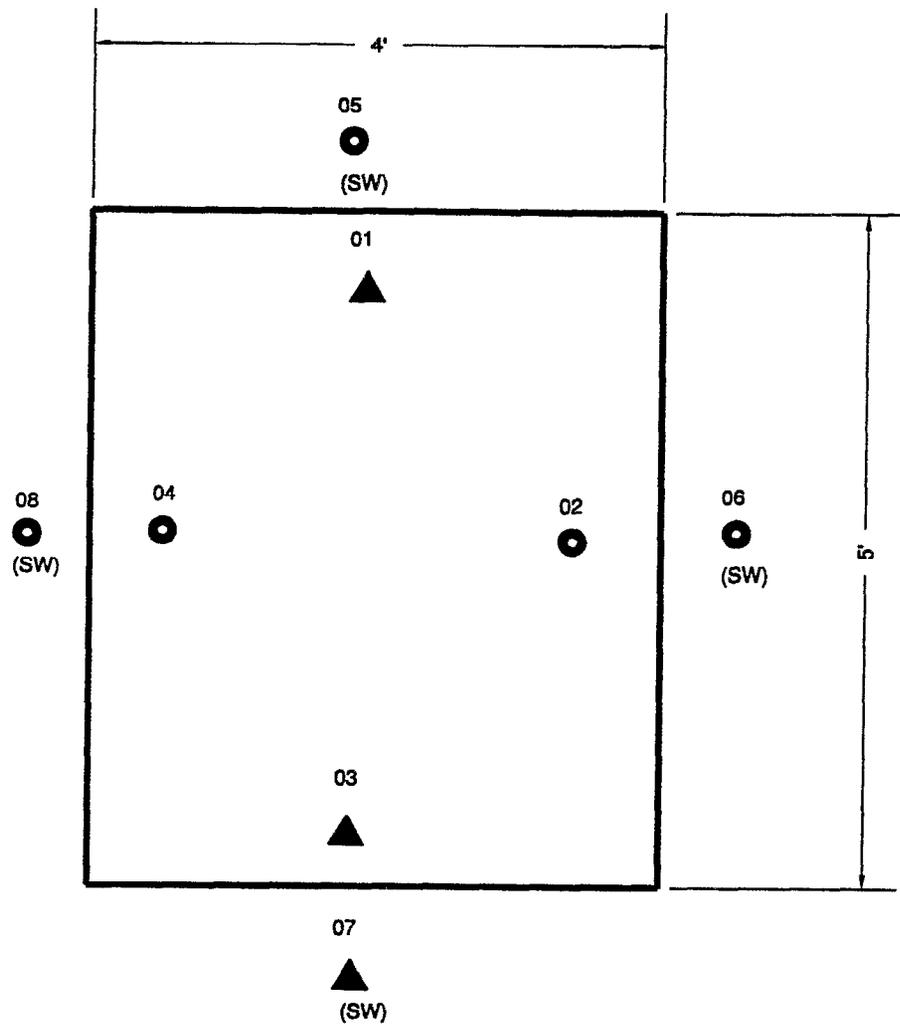
- CONFIRMATORY SAMPLE POINT
- ▲ CONFIRMATORY SAMPLE THAT EXCEEDED 1 PPM PCB
- (SW) SIDE WALL SAMPLE POINT

NOT TO SCALE

**U.S. Navy RAC**  
**Willow Grove NAS-Privet Road**

Figure 6  
 Hotspot Area 7 Excavation Plan  
 with Sample Locations

**FW** FOSTER WHEELER ENVIRONMENTAL CORPORATION

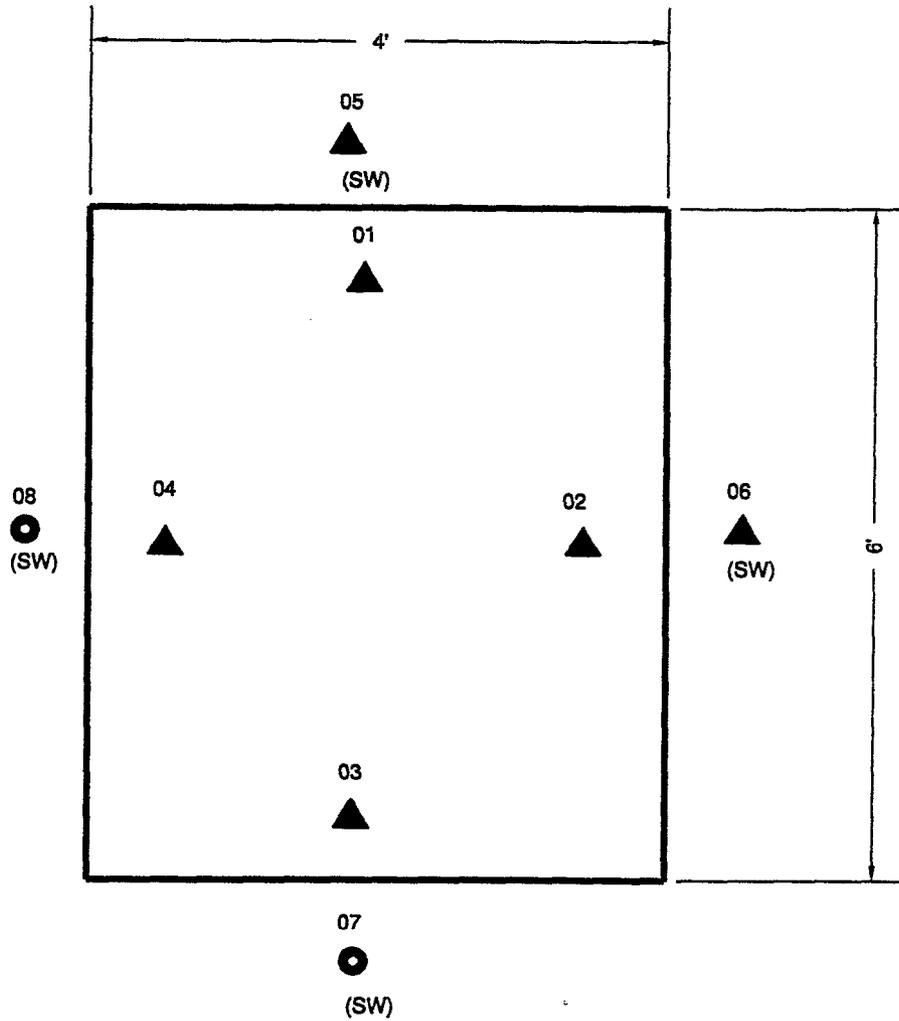


**LEGEND**

- CONFIRMATORY SAMPLE POINT
- ▲ CONFIRMATORY SAMPLE THAT EXCEEDED 1 PPM PCB
- (SW) SIDE WALL SAMPLE POINT

NOT TO SCALE

<b>U.S. Navy RAC</b> <b>Willow Grove NAS-Privet Road</b>
Figure 7 Hotspot Area 8 Excavation Plan with Sample Locations
 FOSTER WHEELER ENVIRONMENTAL CORPORATION

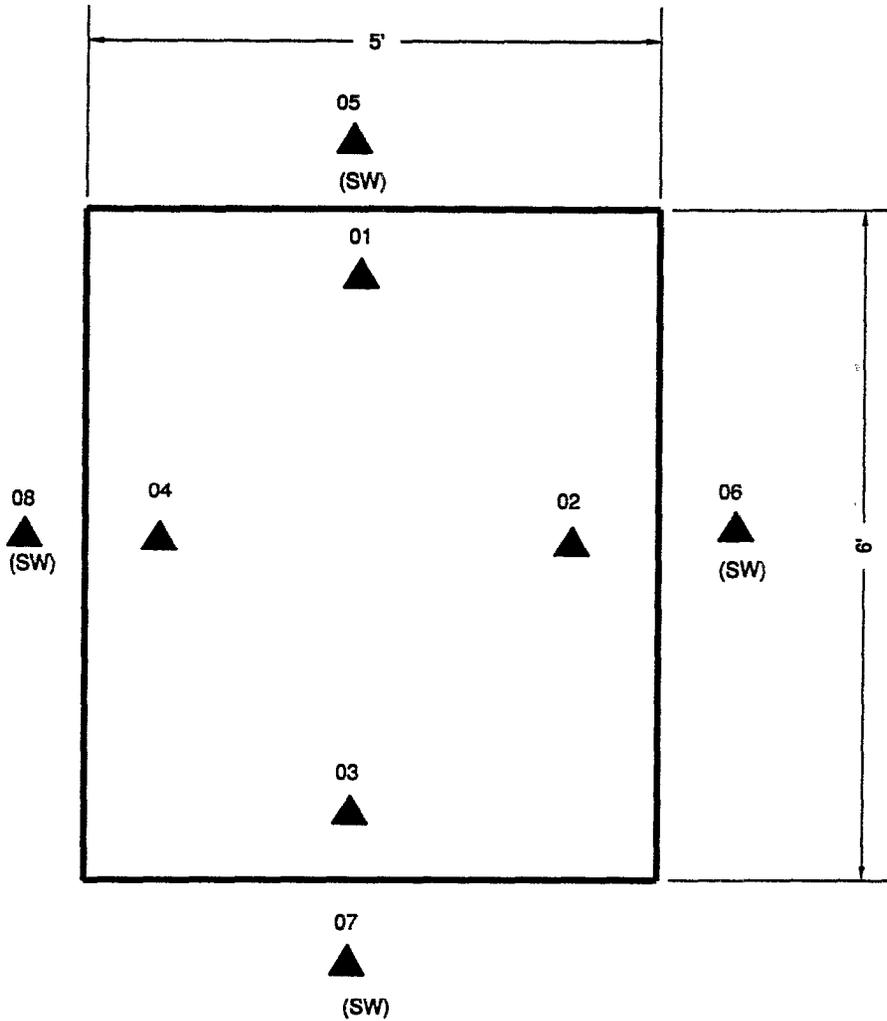


**LEGEND**

- CONFIRMATORY SAMPLE POINT
- ▲ CONFIRMATORY SAMPLE THAT EXCEEDED 1 PPM PCB
- (SW) SIDE WALL SAMPLE POINT

NOT TO SCALE

<b>U.S. Navy RAC</b> <b>Willow Grove NAS-Privet Road</b>
Figure 8 Hotspot Area 11 Excavation Plan with Sample Locations
 FOSTER WHEELER ENVIRONMENTAL CORPORATION



**LEGEND**

- CONFIRMATORY SAMPLE POINT
- ▲ CONFIRMATORY SAMPLE THAT EXCEEDED 1 PPM PCB
- (SW) SIDE WALL SAMPLE POINT

NOT TO SCALE

U.S. Navy RAC  
Willow Grove NAS-Privet Road

Figure 9  
Hotspot Area 15 Excavation Plan  
with Sample Locations

 FOSTER WHEELER ENVIRONMENTAL CORPORATION

TABLE 1  
 US NAVY - NORTHERN DIVISION RAC  
 WILLOW GROVE NAS - PRIVET ROAD  
 PCB Results from Round 1 Excavation/Sampling

SITE 1												
Sample ID	CS-9901	CS-9902	CS-9903	CS-9904	CS-9905	CS-9906	CS-9907	CS-9908	CS-9909	CS-9910	CS-9911	CS-9912
Lab Sample Number	9906224-17A	9906224-18A	9906256-01A	9906256-02A	9906224-19A	9906224-20A	9906224-21A	9906224-22A	9906224-23A	9906256-03A	9906224-24A	9906224-25A
Aroclor 1016	50 U											
Aroclor 1221	50 U											
Aroclor 1232	50 U											
Aroclor 1242	50 U											
Aroclor 1248	50 U											
Aroclor 1254	50 U											
Aroclor 1260	50 U											
	13000	13000	5600	510	380	590	110	1300	15000	500	2800	130
SITE 4												
Sample ID	CS-0401	CS-0402	CS-0403	CS-0404	CS-0405	CS-0406	CS-0407	CS-0408				
Lab Sample Number	9906223-01A	9906223-02A	9906223-03A	9906223-04A	9906223-05A	9906223-06A	9906223-07A	9906223-08A				
Aroclor 1016	500 U	250 U										
Aroclor 1221	500 U	250 U										
Aroclor 1232	500 U	250 U										
Aroclor 1242	500 U	250 U										
Aroclor 1248	500 U	250 U										
Aroclor 1254	500 U	250 U										
Aroclor 1260	500 U	250 U										
	7100	6400	4600	10000	6400	4500	3800	900				
SITE 6												
Sample ID	CS-0601	CS-0602	CS-0603	CS-0604	CS-0605	CS-0606	CS-0607	CS-0608				
Lab Sample Number	9906223-09A	9906223-10A	9906223-11A	9906223-12A	9906223-13A	9906223-14A	9906223-15A	9906223-16A				
Aroclor 1016	500 U	500 U	500 U	500 U	250 U	100 U	250 U	100 U				
Aroclor 1221	500 U	500 U	500 U	500 U	250 U	100 U	250 U	100 U				
Aroclor 1232	500 U	500 U	500 U	500 U	250 U	100 U	250 U	100 U				
Aroclor 1242	500 U	500 U	500 U	500 U	250 U	100 U	250 U	100 U				
Aroclor 1248	500 U	500 U	500 U	500 U	250 U	100 U	250 U	100 U				
Aroclor 1254	500 U	500 U	500 U	500 U	250 U	100 U	250 U	100 U				
Aroclor 1260	500 U	500 U	500 U	500 U	250 U	100 U	250 U	100 U				
	3100	5400	6100	10000	750	220	1400	300				
SITE 7												
Sample ID	CS-0701	CS-0702	CS-0703	CS-0704	CS-0705	CS-0706	CS-0707	CS-0708				
Lab Sample Number	9906223-17A	9906223-18A	9906223-19A	9906223-20A	9906223-21A	9906223-22A	9906223-23A	9906223-24A				
Aroclor 1016	500 U											
Aroclor 1221	500 U											
Aroclor 1232	500 U											
Aroclor 1242	500 U											
Aroclor 1248	500 U											
Aroclor 1254	500 U											
Aroclor 1260	500 U											
	6800	9000	6100	12000	4600	1400	500 U	3200				
SITE 9												
Sample ID	CS-0801	CS-0802	CS-0803	CS-0804	CS-0805	CS-0806	CS-0807	CS-0808				
Lab Sample Number	9906223-25A	9906223-26A	9906223-27A	9906223-28A	9906223-29A	9906223-30A	9906223-31A	9906223-32A				
Aroclor 1016	500 U	500 U	500 U	50 U	50 U	50 U	50 U	500 U				
Aroclor 1221	500 U	500 U	500 U	50 U	50 U	50 U	50 U	500 U				
Aroclor 1232	500 U	500 U	500 U	50 U	50 U	50 U	50 U	500 U				
Aroclor 1242	500 U	500 U	500 U	50 U	50 U	50 U	50 U	500 U				
Aroclor 1248	500 U	500 U	500 U	50 U	50 U	50 U	50 U	500 U				
Aroclor 1254	500 U	500 U	500 U	50 U	50 U	50 U	50 U	500 U				
Aroclor 1260	500 U	500 U	500 U	50 U	50 U	50 U	50 U	500 U				
	3500	500 U	1800	150	200	100	1300	560				
SITE 11												
Sample ID	CS-1101	CS-1102	CS-1103	CS-1104	CS-1105	CS-1106	CS-1107	CS-1108				
Lab Sample Number	9906224-01A	9906224-02A	9906224-03A	9906224-04A	9906224-05A	9906224-028	9906224-07A	9906224-08A				
Aroclor 1016	50 U											
Aroclor 1221	50 U											
Aroclor 1232	50 U											
Aroclor 1242	50 U											
Aroclor 1248	50 U											
Aroclor 1254	50 U											
Aroclor 1260	50 U											
	5900	5400	2100	1300	4500	4000	600	980				
SITE 15												
Sample ID	CS-1501	CS-1502	CS-1503	CS-1504	CS-1505	CS-1506	CS-1507	CS-1508				
Lab Sample Number	9906224-09A	9906224-10A	9906224-11A	9906224-12A	9906224-13A	9906224-14A	9906224-15A	9906224-16A				
Aroclor 1016	50 U											
Aroclor 1221	50 U											
Aroclor 1232	50 U											
Aroclor 1242	50 U											
Aroclor 1248	50 U											
Aroclor 1254	50 U											
Aroclor 1260	50 U											
	1700	3400	2400	4800	2000	4200	9500	3100				

All Samples Collected on June 9, 1999. Analyzed for PCBs via Method SW8082  
 Units = ug/Kg. Outlined results exceed 1ppm cleanup criteria.

TABLE 2  
 US NAVY - NORTHERN DIVISION RAC  
 WILLOW GROVE NAS - PRIVET ROAD  
 PCB Analytical Results from Round 2 Excavation/Sampling

SITE 1														
Sample ID	CS-9901A	CS-9901ADL	CS-9902A	CS-9902ADL	CS-9903A	CS-9904A	CS-9905A	CS-9906A	CS-9907A	CS-9908A	CS-9909A	CS-9910A	CS-9911A	CS-9912
Lab Sample Number	77493	77493D	77494	77494D	77495	77496	77497	77498	77499	77500	77501	77502	77503	77504
Aroclor 1016	34 U	170 U	34 U	170 U	33 U	33 U	33 U	33 U	33 U	33 U	33 U	33 U	33 U	33 U
Aroclor 1221	68 U	340 U	68 U	340 U	67 U	67 U	67 U	67 U	67 U	67 U	67 U	67 U	66 U	66 U
Aroclor 1232	34 U	170 U	34 U	170 U	33 U	33 U	33 U	33 U	33 U	33 U	33 U	33 U	33 U	33 U
Aroclor 1242	34 U	170 U	34 U	170 U	33 U	33 U	33 U	33 U	33 U	33 U	33 U	33 U	33 U	33 U
Aroclor 1248	34 U	170 U	34 U	170 U	33 U	33 U	33 U	33 U	33 U	33 U	33 U	33 U	33 U	33 U
Aroclor 1254	34 U	170 U	34 U	170 U	33 U	33 U	33 U	33 U	33 U	33 U	33 U	33 U	33 U	33 U
Aroclor 1260	2400 E	2800 D	1580 E	2200 D	33 U	33 U								
SITE 4														
Sample ID	0401A	0402A	0403A	0404A	0405A	0406A	0407A	0408A						
Lab Sample Number	77537	77538	77539	77540	77541	77542	77543	77544						
Aroclor 1016	33 U	33 U	33 U	33 U	33 U	33 U	33 U	33 U						
Aroclor 1221	66 U	66 U	67 U	67 U	67 U	67 U	67 U	67 U						
Aroclor 1232	33 U	33 U	33 U	33 U	33 U	33 U	33 U	33 U						
Aroclor 1242	33 U	33 U	33 U	33 U	33 U	33 U	33 U	33 U						
Aroclor 1248	33 U	33 U	33 U	33 U	33 U	33 U	33 U	33 U						
Aroclor 1254	33 U	33 U	33 U	33 U	33 U	33 U	33 U	33 U						
Aroclor 1260	33 U	33 U	33 U	33 U	33 U	33 U	33 U	33 U						
SITE 6														
Sample ID	0601A	0601ADL	0602A	0602ADL	0603A	0603ADL	0604A	0604ADL	0605A	0606A	0607A	0608A		
Lab Sample Number	77545	77545D	77548	77548D	77547	77547D	77548	77548D	77549	77550	77551	77552		
Aroclor 1016	34 U	170 U	34 U	170 U	34 U	170 U	33 U	160 U	33 U	33 U	33 U	33 U		
Aroclor 1221	68 U	340 U	67 U	340 U	68 U	340 U	66 U	330 U	66 U	67 U	67 U	67 U		
Aroclor 1232	34 U	170 U	34 U	170 U	34 U	170 U	33 U	160 U	33 U	33 U	33 U	33 U		
Aroclor 1242	34 U	170 U	34 U	170 U	34 U	170 U	33 U	160 U	33 U	33 U	33 U	33 U		
Aroclor 1248	34 U	170 U	34 U	170 U	34 U	170 U	33 U	160 U	33 U	33 U	33 U	33 U		
Aroclor 1254	34 U	170 U	34 U	170 U	34 U	170 U	33 U	160 U	33 U	33 U	33 U	33 U		
Aroclor 1260	3000 E	3400 D	1360 E	1480 D	1960 E	2400 D	1900 E	160 U	33 U	33 U	33 U	33 U		
SITE 7														
Sample ID	CS-0701A	CS-0702A	CS-0703A	CS-0704A	CS-0705A	CS-0706A	CS-0707A	CS-0708A						
Lab Sample Number	77521	77522	77523	77524	77525	77526	77527	77528						
Aroclor 1016	33 U	34 U	34 U	34 U	33 U	33 U	33 U	33 U						
Aroclor 1221	67 U	67 U	67 U	67 U	66 U	67 U	66 U	66 U						
Aroclor 1232	33 U	34 U	34 U	34 U	33 U	33 U	33 U	33 U						
Aroclor 1242	33 U	34 U	34 U	34 U	33 U	33 U	33 U	33 U						
Aroclor 1248	33 U	34 U	34 U	34 U	33 U	33 U	33 U	33 U						
Aroclor 1254	33 U	34 U	34 U	34 U	33 U	33 U	33 U	33 U						
Aroclor 1260	33 U	34 U	34 U	34 U	33 U	33 U	33 U	33 U						
SITE 8														
Sample ID	CS-0801A	CS-0802A	CS-0803A	CS-0804A	0805A	0806A	0807A	0808A						
Lab Sample Number	77529	77530	77531	77532	77533	77534	77535	77536						
Aroclor 1016	33 U	33 U	33 U	33 U	34 U	34 U	34 U	34 U						
Aroclor 1221	67 U	67 U	67 U	67 U	67 U	67 U	67 U	67 U						
Aroclor 1232	33 U	33 U	33 U	33 U	34 U	34 U	34 U	34 U						
Aroclor 1242	33 U	33 U	33 U	33 U	34 U	34 U	34 U	34 U						
Aroclor 1248	33 U	33 U	33 U	33 U	34 U	34 U	34 U	34 U						
Aroclor 1254	33 U	33 U	33 U	33 U	34 U	34 U	34 U	34 U						
Aroclor 1260	33 U	33 U	33 U	33 U	34 U	34 U	34 U	34 U						
SITE 11														
Sample ID	CS-1101A	CS-1101ADL	CS-1102A	CS-1103A	CS-1104A	CS-1105A	CS-1106A	CS-1107A	CS-1108A					
Lab Sample Number	77505	77505D	77508	77507	77508	77509	77510	77511	77512					
Aroclor 1016	34 U	170 U	34 U	34 U	33 U	33 U	33 U	34 U	33 U					
Aroclor 1221	68 U	340 U	67 U	67 U	67 U	67 U	67 U	67 U	67 U					
Aroclor 1232	34 U	170 U	34 U	34 U	33 U	33 U	33 U	34 U	33 U					
Aroclor 1242	34 U	170 U	34 U	34 U	33 U	33 U	33 U	34 U	33 U					
Aroclor 1248	34 U	170 U	34 U	34 U	33 U	33 U	33 U	34 U	33 U					
Aroclor 1254	34 U	170 U	34 U	34 U	33 U	33 U	33 U	34 U	33 U					
Aroclor 1260	1500 E	1620 D	34 U	34 U	33 U	33 U	33 U	34 U	33 U					
SITE 15														
Sample ID	CS-1501A	CS-1502A	CS-1502ADL	CS-1503A	CS-1504A	CS-1505A	CS-1506A	CS-1507A	CS-1508A					
Lab Sample Number	77513	77514	77514D	77515	77516	77517	77518	77519	77520					
Aroclor 1016	34 U	34 U	170 U	33 U	33 U	33 U	33 U	33 U	33 U					
Aroclor 1221	67 U	68 U	340 U	67 U	67 U	67 U	67 U	66 U	66 U					
Aroclor 1232	34 U	34 U	170 U	33 U	33 U	33 U	33 U	33 U	33 U					
Aroclor 1242	34 U	34 U	170 U	33 U	33 U	33 U	33 U	33 U	33 U					
Aroclor 1248	34 U	34 U	170 U	33 U	33 U	33 U	33 U	33 U	33 U					
Aroclor 1254	34 U	34 U	170 U	33 U	33 U	33 U	33 U	33 U	33 U					
Aroclor 1260	34 U	1120 E	1240 D	33 U	33 U	33 U	33 U	33 U	33 U					

All samples collected on July 9, 1999. Analyzed for PCBs via Method SW8082.  
 Units = ug/KG. Outlined results exceed 1ppm cleanup criteria.

TABLE 3  
 US NAVY - NORTHERN DIVISION RAC  
 WILLOW GROVE NAS - PRIVET ROAD  
PCB Analytical Results for Round 3 Excavation/Sampling

Site Location	SITE 1		SITE 6				SITE 11	SITE 15
Sample ID	9901B	9902B	0601B	0602B	0603B	0604B	1101B	1502B
Lab Sample ID	78309	78310	78305	78306	78307	78308	78311	78312
Aroclor 1016	340 U	340 U	340 U	340 U	330 U	340 U	330 U	340 U
Aroclor 1221	670 U	670 U	670 U	670 U	650 U	670 U	650 U	670 U
Aroclor 1232	340 U	340 U	340 U	340 U	330 U	340 U	330 U	340 U
Aroclor 1242	340 U	340 U	340 U	340 U	330 U	340 U	330 U	340 U
Aroclor 1248	340 U	340 U	340 U	340 U	330 U	340 U	330 U	340 U
Aroclor 1254	340 U	340 U	340 U	340 U	330 U	340 U	330 U	340 U
Aroclor 1260	340 U	340 U	340 U	340 U	330 U	340 U	330 U	340 U

*All samples collected on July 17, 1999.*

*Units = ug/KG. Cleanup Criteria = 1000 ug/KG (1ppm)*

### **3.6 Backfilling and Regrading**

Upon receipt of the 3<sup>rd</sup> round of confirmation samples, each excavation was backfilled and regraded to match surrounding topography. Clean fill was brought in from off-site (purchased from Better Materials) and used to backfill within 6 inches of surface grade. The remainder of each excavation was filled with topsoil and hydroseeded. Due to the Summer 1999 drought, hydroseeding was delayed until October 7, 1999.

### **4.0 TRANSPORTATION AND DISPOSAL**

Foster Wheeler subcontracted TAT Trucking Company, based in Bear, Delaware, to transport non-hazardous contaminated soil and associated waste to the Clean Earth disposal facility in New Castle, Delaware. Forty-eight (48) tons of TSCA-classified soils were transported by the subcontractor, DART Trucking Company, Inc., to the Michigan Disposal Waste Treatment Plant, located in Belleville, Michigan. All wastes were characterized according to disposal facility requirements, and analytical results are included in Attachment B. Table 4 details waste transporters, facilities, technologies, and quantities. Waste manifests and weight ticket quantities are included in Attachment C.

**TABLE 4**  
**WILLOW GROVE NAS - PRIVET ROAD PCB REMOVAL**  
**Summary of Quantities Transported, Transporters, Facilities**

<b>Material</b>	<b>Quantity</b>	<b>Transporter</b>	<b>Disposal Facility</b>	<b>Disposal Technology</b>
(Non-hazardous) Contaminated Soil	1122 tons	TAT Trucking Company, Bear, Delaware	Clean Earth of New Castle, Inc. 94 Pyles Lane, PO Box 1049, New Castle, Delaware 19720 Phone: 302-427-6673	Solid Waste Landfill Cover
TSCA-classified Soil	48 tons	DART Trucking Company, Inc.	Michigan Disposal Waste Treatment Plant, Belleville, Michigan	Hazardous Waste Landfill Disposal

**ATTACHMENT A**

**LABORATORY ANALYTICAL RESULTS**

Received: 11/25/98

TOXIKON CORP.

REPORT

Work Order # 98-11-468

12/03/98 14:10:35

REPORT FOSTER & WHEELER  
TO P.O. BOX 36153  
PHILADELPHIA, PA. 19112  
215-334-9410 FAX: 9415

PREPARED TOXIKON CORPORATION  
BY 15 WIGGINS AVE  
BEDFORD, MA 01730

*Paul Lezberg*  
CERTIFIED BY

ATTEN JIM IREY

ATTEN PAUL LEZBERG  
PHONE (781)275-3330

CONTACT JAYSON

CLIENT FOSTER PA SAMPLES 4

COMPANY FOSTER & WHEELER  
FACILITY P.O. BOX 36153  
PHILADELPHIA, PA. 19112

MA CERT # M-MA064: TRACE METALS, SULFATE, CYANIDE, RES. FREE  
CHLORINE, Ca, TOTAL ALK., TDS, pH, THMs, VOC, PEST., NUTRIENTS,  
DEMAND, O&G, PHENOLICS, PCBs . CT DHS #PH-0563, NY #10778  
FL HRS E87143, NJ DEP 59538, NC DNR286, SC 88002, NH 204091-C.

WORK ID WILLOW GROVE

TAKEN 11/24/98

VERIFIED BY: *Douglas Shealy*

TRANS \_\_\_\_\_

TYPE SOIL

P.O. # 12840029

INVOICE under separate cover

SAMPLE IDENTIFICATION

TEST CODES and NAMES used on this workorder

- 01 WGNASWC01
- 01 WGNASWC01 LEACHATE
- 02 WGNASWC02
- 02 WGNASWC02 LEACHATE
- 03 WGNASWC03
- 03 WGNASWC03 LEACHATE
- 04 WGNASWC04
- 04 WGNASWC04 LEACHATE

- 9095 PAINT FILTER LIQUIDS TEST
- COD COD
- ETCLPH EXT. TCLP HERBICIDES
- ETCLPP EXT. TCLP PESTICIDES
- ETCLPV EXTRACTION TCLP, VOLATILES
- ETCLSV EXTRACTION TCLP, SEMI-VOL
- F PT FLASH POINT
- MEXTCL METALS EXTRACTION FOR TCLP
- MEX HG METALS, EXT. FOR MERCURY
- N AMM NITROGEN AMMONIA
- O G GR O. & G. by Gravimetric
- PCB S PCB - SW846-8080
- PH S pH
- PH W PH - AQUEOUS
- RCRA T TCLP RCRA METALS (8)
- RE CN REACTIVE CYANIDE
- RE S REACTIVE SULFIDE
- TCLPH TCLP HERBICIDES
- TCLPP PESTICIDES - TCLP
- TCLPSP TCLP SPECIAL TEST
- TCLPSV A/BN EXT., SOIL, TCLP
- TCLPV PURG. ORG. SOIL - TCLP
- TS TOTAL SOLIDS
- TVS TOTAL VOLATILE SOLIDS

SAMPLE ID	<u>WGNASWC01</u>	SAMPLE #	<u>01</u>	FRACTIONS:	<u>A</u>						
Date & Time Collected		<u>11/24/98 09:50:00</u>		Category		<u>SOIL</u>					
F_PT	<u>&gt;220</u>	O_G_GR	<u>597</u>	PH_S	<u>7.6</u>	RE_CN	<u>ND</u>	RE_S	<u>ND</u>	TS	<u>920000</u>
	F	mg/Kg DL=50.0		PH UNITS		mg/Kg DL=100		mg/Kg DL=100		mg/Kg DL=10.0	
TVS	<u>57600</u>										
	mg/Kg DL=10										

SAMPLE ID WGNASWC01 FRACTION 01A TEST CODE 9095 NAME PAINT FILTER LIQUIDS TEST  
Date & Time Collected 11/24/98 09:50:00 Category SOIL

**PAINT FILTER LIQUIDS TEST**

SAMPLE DOES NOT CONTAIN FREE LIQUIDS.

Notes and Definitions for this Report:

DATE RUN..... 11/28/98  
ANALYST..... IT

SAMPLE ID MGNASUC01 FRACTION 01A TEST CODE PCB S NAME PCB - SW846-8080  
Date & Time Collected 11/24/98 09:50:00 Category SOIL

PCB in SOIL

CAS NUM.	RESULT	LIMIT	UNITS	ANALYTE
12674-11-2	<u>ND</u>	<u>20</u>	mg/Kg	Aroclor 1016
11104-28-2	<u>ND</u>	<u>20</u>	mg/Kg	Aroclor 1221
11141-16-5	<u>ND</u>	<u>20</u>	mg/Kg	Aroclor 1232
53469-21-9	<u>ND</u>	<u>20</u>	mg/Kg	Aroclor 1242
12672-29-6	<u>ND</u>	<u>20</u>	mg/Kg	Aroclor 1248
11097-69-1	<u>ND</u>	<u>20</u>	mg/Kg	Aroclor 1254
11096-82-5	<u>31</u>	<u>20</u>	mg/Kg	Aroclor 1260

Notes and Definitions for this Report:

EXTRACTED: 11/30/98  
DATE RUN: 12/03/98  
ANALYST: CK  
INSTRUMENT: HP1  
DIL. FACTOR: 200

ND = Not detected at detection limit

SAMPLE ID WGNASMC01 FRACTION 01A TEST CODE RCRA T NAME TCLP RCRA METALS (8)  
Date & Time Collected 11/24/98 09:50:00 Category SOIL

**TCLP METALS**

EPA HW NO. (1)	CAS NO. (2)	TOXICITY CHARACTERISTIC CONTAMINANT	REGULATORY LEVEL (MG/L)	METHOD DETECT LIMIT	RESULT (MG/L) (3)	MATRIX SPIKE% RECOVERY	RESULT (MG/L) (4)
D011	7440-22-4	Silver	5.0	0.10	ND	86.1	ND
D005	7440-39-3	Barium	100.0	0.10	1.34	96.1	1.39
D006	7440-43-9	Cadmium	1.0	0.10	ND	101	ND
D007	7440-47-3	Chromium	5.0	0.10	ND	100	ND
D008	7439-92-1	Lead	5.0	0.10	ND	98.0	ND
D004	7440-38-2	Arsenic	5.0	0.50	ND	94.0	ND
D010	7782-49-2	Selenium	1.0	0.30	ND	137	ND
D009	7439-97-6	Mercury	0.2	0.0050	ND	106	ND

Notes and Definitions for this Report:

EXTRACTED 11/28/98  
DATE RUN 12/01/98  
ANALYST AS  
INSTRUMENT ICP, CVA4A

ND = Not detected at detection limit

- (1) Hazardous Waste Number
- (2) Chemical Abstract Service Number
- (3) Uncorrected Result
- (4) Bias Corrected Result

SAMPLE ID WGNASWC01 FRACTION 01A TEST CODE TCLPH NAME TCLP HERBICIDES  
Date & Time Collected 11/24/98 09:50:00 Category SOIL

TCLP HERBICIDES

EPA HW NO. (1)	CAS NO. (2)	TOXICITY CHARACTERISTIC CONTAMINANT	REGULATORY LEVEL (MG/L)	METHOD DETECT LIMIT	RESULT (MG/L) (3)	MATRIX SPIKEX RECOVERY	RESULT (MG/L) (4)
D016	57-74-9	2,4-D	10.0	0.10	ND	49.1	ND
D017	93-72-1	2,4,5-TP (SILVEX)	1.0	0.010	ND	52.7	ND

Notes and Definitions for this Report:

EXTRACTED 11/30/98  
DATE RUN 12/01/98  
ANALYST CK  
INSTRUMENT HP3  
DIL. FACTOR 1

ND = not detected at detection limits

- (1) Hazardous Waste Number
- (2) Chemical Abstract Service Number
- (3) Uncorrected Result
- (4) Bias Corrected Result

SAMPLE ID MGNASWC01 FRACTION 01A TEST CODE TCLPP NAME PESTICIDES - TCLP  
Date & Time Collected 11/24/98 09:50:00 Category SOIL

TCLP PESTICIDES

EPA HW NO. (1)	CAS NO. (2)	TOXICITY CHARACTERISTIC CONTAMINANT	REGULATORY LEVEL (MG/L)	METHOD DETECT LIMIT	RESULT (MG/L) (3)	MATRIX SPIKE% RECOVERY	RESULT (MG/L) (4)
D020	57-74-9	Chlordane	0.03	0.010	ND	76.2	ND
D012	72-20-8	Endrin	0.02	0.010	ND	95.2	ND
D031	76-44-8	Heptachlor	0.008	0.0050	ND	102	ND
D031	1024-57-3	Heptachlor Epoxide	0.008	0.0050	ND	86.9	ND
D013	58-89-9	Methoxychlor	10.0	0.010	ND	100	ND
D014	72-43-5	Toxaphene	0.5	0.010	ND	94.5	ND
D015	8001-35-2	Lindane	0.4	0.010	ND	85.3	ND

Notes and Definitions for this Report:

EXTRACTED 11/30/98  
DATE RUN 12/01/98  
ANALYST CK  
INSTRUMENT HP2  
DIL. FACTOR 1

ND = not detected at detection limit

- (1) Hazardous Waste Number
- (2) Chemical Abstract Service Number
- (3) Uncorrected Result
- (4) Bias Corrected Result

SAMPLE ID WGNASWC01 FRACTION 01A TEST CODE TCLPSP NAME TCLP SPECIAL TEST  
Date & Time Collected 11/24/98 09:50:00 Category SOIL

**TCLP SPECIAL TEST REPORT**

ANALYTE	METHOD		MATRIX SPIKE%	
	(1) RESULT	DETECT LIMIT		(2) RESULT
COPPER	ND	0.100	ND	98.2
NICKEL	ND	0.100	ND	99.1
ZINC	0.472	0.100	0.470	100

Notes and definitions for this report:

EXTRACTED... 11/28/98  
DATE RUN.... 12/01/98  
ANALYST..... AS  
CONC FACTOR. 1  
EPA METHOD.. 1311  
UNITS..... mg/L

ND = not detected at detection limits

(1) Uncorrected Result  
(2) Bias Corrected Result

SAMPLE ID WGNASWC01 FRACTION 01A TEST CODE TCLPSV NAME A/BN EXT., SOIL, TCLP  
Date & Time Collected 11/24/98 09:50:00 Category SOIL

TCLP SEMI VOLATILES

EPA HW NO. (1)	CAS NO. (2)	TOXICITY CHARACTERISTIC CONTAMINANT	REGULATORY LEVEL (MG/L)	METHOD DETECT LIMIT	RESULT (MG/L) (3)	MATRIX SPIKE% RECOVERY	RESULT (MG/L) (4)
D026		Cresol (Total)	200.0	0.040	ND	110	ND
D030	121-14-2	2,4-Dinitrotoluene	200.0	0.040	ND	75.6	ND
D032	118-74-1	Hexachlorobenzene	0.13	0.040	ND	85.2	ND
D033	87-68-3	Hexachlorobutadiene	0.5	0.040	ND	58.4	ND
D034	67-62-1	Hexachloroethane	3.0	0.040	ND	62.2	ND
D036	98-95-3	Nitrobenzene	2.0	0.040	ND	69.4	ND
D037	87-86-5	Pentachlorophenol	100.0	0.040	ND	83.0	ND
D038	110-86-1	Pyridine	5.0	0.040	ND	61.2	ND
D041	95-95-4	2,4,5-Trichlorophenol	400.0	0.040	ND	78.2	ND
D042	88-06-2	2,4,6-Trichlorophenol	2.0	0.040	ND	73.0	ND
D027	106-46-7	1,4-Dichlorobenzene	7.5	0.040	ND	64.8	ND

Notes and Definitions for this Report:

EXTRACTED..... 11/30/98  
DATE RUN..... 12/01/98  
ANALYST..... PAC  
INSTRUMENT..... F  
DIL. FACTOR..... 4

ND = not detected at detection limit

- (1) Hazardous Waste Number
- (2) Chemical Abstract Service Number
- (3) Uncorrected Result
- (4) Bias Corrected Result

o-cresol ND  
m-cresol ND  
p-cresol ND

Received: 11/25/98

Results by Sample

SAMPLE ID WGNASWC01FRACTION 01ATEST CODE TCLPVNAME PURG. ORG. SOIL - TCLPDate & Time Collected 11/24/98 09:50:00Category SOILTCLP VOLATILES

EPA HW NO. (1)	CAS NO. (2)	TOXICITY CHARACTERISTIC CONTAMINANT	REGULATORY LEVEL (MG/L)	METHOD DETECT LIMIT	RESULT (MG/L) (3)	MATRIX SPIKE% RECOVERY	RESULT (MG/L) (4)
D018	71-43-2	Benzene	<u>0.5</u>	<u>0.010</u>	ND	<u>92.0</u>	ND
D019	56-23-5	Carbon Tetrachloride	<u>0.5</u>	<u>0.010</u>	ND	<u>89.0</u>	ND
D021	108-90-7	Chlorobenzene	<u>100.0</u>	<u>0.010</u>	ND	<u>89.0</u>	ND
D022	67-66-3	Chloroform	<u>6.0</u>	<u>0.010</u>	ND	<u>92.0</u>	ND
D028	107-06-2	1,2-Dichloroethane	<u>0.5</u>	<u>0.010</u>	ND	<u>91.0</u>	ND
D029	75-35-4	1,1-Dichloroethylene	<u>0.7</u>	<u>0.010</u>	ND	<u>96.0</u>	ND
D035	78-93-3	Methyl-ethyl-ketone	<u>200.0</u>	<u>0.010</u>	ND	<u>74.0</u>	ND
D039	127-18-4	Tetrachloroethylene	<u>0.7</u>	<u>0.010</u>	ND	<u>93.0</u>	ND
D040	79-01-6	Trichloroethylene	<u>0.5</u>	<u>0.010</u>	ND	<u>95.0</u>	ND
D043	75-01-4	Vinyl Chloride	<u>0.2</u>	<u>0.010</u>	ND	<u>100</u>	ND

## Notes and Definitions for this Report:

EXTRACTED 11/28/98  
DATE RUN 12/01/98  
ANALYST JPM  
DILUTION FACTOR: 5

ND = not detected at detection limit

- (1) Hazardous Waste Number
- (2) Chemical Abstract Service Number
- (3) Uncorrected Result
- (4) Bias Corrected Result

SAMPLE ID WGNASWC01 LEACHATE SAMPLE # 01 FRACTIONS: B  
Date & Time Collected 11/24/98 09:50:00 Category SOIL

COD 16.1 N\_AMH ND O\_G\_GR ND PH\_W 7.4 TS 26.0  
mg/L DL=5.5 mg/L DL=0.04 mg/L DL=5.0 PH UNITS mg/L DL=10.0

SAMPLE ID WGNASWC02 SAMPLE # 02 FRACTIONS: A  
Date & Time Collected 11/24/98 10:15:00 Category SOIL

F\_PT >220 O\_G\_GR 413 PH\_S 7.6 RE\_CN ND RE\_S ND TS 888000  
F mg/Kg DL=50.0 PH UNITS mg/Kg DL=100 mg/Kg DL=100 mg/Kg DL=10.0

TVS 60700  
mg/Kg DL=10

SAMPLE ID WGNASWC02 FRACTION 02A TEST CODE 9095 NAME PAINT FILTER LIQUIDS TEST  
Date & Time Collected 11/24/98 10:15:00 Category SOIL

**PAINT FILTER LIQUIDS TEST**

SAMPLE        DOES NOT CONTAIN FREE LIQUIDS.

Notes and Definitions for this Report:

DATE RUN..... 11/28/98  
ANALYST..... TI

SAMPLE ID MGNASWC02                      FRACTION 02A    TEST CODE PCB S    NAME PCB - SW846-8080  
Date & Time Collected 11/24/98 10:15:00                      Category SOIL

**PCB in SOIL**

CAS NUM.	RESULT	LIMIT	UNITS	ANALYTE
12674-11-2	<u>ND</u>	<u>10</u>	mg/Kg	Aroclor 1016
11104-28-2	<u>ND</u>	<u>10</u>	mg/Kg	Aroclor 1221
11141-16-5	<u>ND</u>	<u>10</u>	mg/Kg	Aroclor 1232
53469-21-9	<u>ND</u>	<u>10</u>	mg/Kg	Aroclor 1242
12672-29-6	<u>ND</u>	<u>10</u>	mg/Kg	Aroclor 1248
11097-69-1	<u>ND</u>	<u>10</u>	mg/Kg	Aroclor 1254
11096-82-5	<u>13</u>	<u>10</u>	mg/Kg	Aroclor 1260

Notes and Definitions for this Report:

EXTRACTED: 11/30/98  
DATE RUN: 12/03/98  
ANALYST: CK  
INSTRUMENT: HP1  
DIL. FACTOR: 100

ND = Not detected at detection limit

SAMPLE ID MGNASWC02 FRACTION 02A TEST CODE RCRA T NAME TCLP RCRA METALS (8)  
Date & Time Collected 11/24/98 10:15:00 Category SOIL

**TCLP METALS**

EPA HW NO. (1)	CAS NO. (2)	TOXICITY CHARACTERISTIC CONTAMINANT	REGULATORY LEVEL (MG/L)	METHOD DETECT LIMIT	RESULT (MG/L) (3)	MATRIX SPIKE% RECOVERY	RESULT (MG/L) (4)
D011	7440-22-4	Silver	5.0	0.10	ND	86.1	ND
D005	7440-39-3	Barium	100.0	0.10	1.49	96.1	1.56
D006	7440-43-9	Cadmium	1.0	0.10	ND	101	ND
D007	7440-47-3	Chromium	5.0	0.10	ND	100	ND
D008	7439-92-1	Lead	5.0	0.10	ND	98.0	ND
D004	7440-38-2	Arsenic	5.0	0.50	ND	94.0	ND
D010	7782-49-2	Selenium	1.0	0.30	ND	137	ND
D009	7439-97-6	Mercury	0.2	0.0050	ND	106	ND

Notes and Definitions for this Report:

EXTRACTED 11/28/98  
DATE RUN 12/01/98  
ANALYST AS  
INSTRUMENT ICP, CVAAA

ND = Not detected at detection limit

- (1) Hazardous Waste Number
- (2) Chemical Abstract Service Number
- (3) Uncorrected Result
- (4) Bias Corrected Result

Received: 11/25/98

Results by Sample

SAMPLE ID MGNASWC02FRACTION 02ATEST CODE TCLPHNAME TCLP HERBICIDESDate & Time Collected 11/24/98 10:15:00Category SOILTCLP HERBICIDES

EPA HW NO. (1)	CAS NO. (2)	TOXICITY CHARACTERISTIC CONTAMINANT	REGULATORY LEVEL (MG/L)	METHOD DETECT LIMIT	RESULT (MG/L) (3)	MATRIX SPIKE% RECOVERY	RESULT (MG/L) (4)
D016	57-74-9	2,4-D	10.0	<u>0.10</u>	<u>ND</u>	<u>49.1</u>	<u>ND</u>
D017	93-72-1	2,4,5-TP (SILVEX)	1.0	<u>0.010</u>	<u>ND</u>	<u>52.7</u>	<u>ND</u>

## Notes and Definitions for this Report:

EXTRACTED 11/30/98  
 DATE RUN 12/01/98  
 ANALYST CK  
 INSTRUMENT HP3  
 DIL. FACTOR 1

ND = not detected at detection limits

- (1) Hazardous Waste Number
- (2) Chemical Abstract Service Number
- (3) Uncorrected Result
- (4) Bias Corrected Result

SAMPLE ID WGNASWC02 FRACTION 02A TEST CODE TCLPP NAME PESTICIDES - TCLP  
Date & Time Collected 11/24/98 10:15:00 Category SOIL

**TCLP PESTICIDES**

EPA HW NO. (1)	CAS NO. (2)	TOXICITY CHARACTERISTIC CONTAMINANT	REGULATORY LEVEL (MG/L)	METHOD DETECT LIMIT	RESULT (MG/L) (3)	MATRIX SPIKE% RECOVERY	RESULT (MG/L) (4)
D020	57-74-9	Chlordane	0.03	0.010	ND	76.2	ND
D012	72-20-8	Endrin	0.02	0.010	ND	95.2	ND
D031	76-44-8	Heptachlor	0.008	0.0050	ND	102	ND
D031	1024-57-3	Heptachlor Epoxide	0.008	0.0050	ND	86.9	ND
D013	58-89-9	Methoxychlor	10.0	0.010	ND	100	ND
D014	72-43-5	Toxaphene	0.5	0.010	ND	94.5	ND
D015	8001-35-2	Lindane	0.4	0.010	ND	85.3	ND

Notes and Definitions for this Report:

EXTRACTED 11/30/98  
DATE RUN 12/01/98  
ANALYST CK  
INSTRUMENT HP2  
DIL. FACTOR 1

ND = not detected at detection limit

- (1) Hazardous Waste Number
- (2) Chemical Abstract Service Number
- (3) Uncorrected Result
- (4) Bias Corrected Result

Received: 11/25/98

Results by Sample

SAMPLE ID WGNASLCO2

FRACTION 02A

TEST CODE TCLPSP

NAME TCLP SPECIAL TEST

Date & Time Collected 11/24/98 10:15:00

Category SOIL

**TCLP SPECIAL TEST REPORT**

ANALYTE	METHOD		(2)	MATRIX
	(1)	DETECT		
	RESULT	LIMIT	RESULT	SPIKE%
COPPER	ND	0.100	ND	98.2
NICKEL	ND	0.100	ND	99.1
ZINC	0.651	0.100	0.648	100

Notes and definitions for this report:

EXTRACTED... 11/28/98  
DATE RUN.... 12/01/98  
ANALYST..... AS  
CONC FACTOR. 1  
EPA METHOD.. 1311  
UNITS..... mg/L

ND = not detected at detection limits

(1) Uncorrected Result  
(2) Bias Corrected Result

SAMPLE ID WGNASWC02 FRACTION 02A TEST CODE TCLPSV NAME A/BN EXT., SOIL, TCLP  
Date & Time Collected 11/24/98 10:15:00 Category SOIL

TCLP SEMI VOLATILES

EPA HW NO. (1)	CAS NO. (2)	TOXICITY CHARACTERISTIC CONTAMINANT	REGULATORY LEVEL (MG/L)	METHOD DETECT LIMIT	RESULT (MG/L) (3)	MATRIX SPIKE% RECOVERY	RESULT (MG/L) (4)
D026		Cresol (Total)	200.0	0.040	ND	110	ND
D030	121-14-2	2,4-Dinitrotoluene	200.0	0.040	ND	75.6	ND
D032	118-74-1	Hexachlorobenzene	0.13	0.040	ND	85.2	ND
D033	87-68-3	Hexachlorobutadiene	0.5	0.040	ND	58.4	ND
D034	67-62-1	Hexachloroethane	3.0	0.040	ND	62.2	ND
D036	98-95-3	Nitrobenzene	2.0	0.040	ND	69.4	ND
D037	87-86-5	Pentachlorophenol	100.0	0.040	ND	83.0	ND
D038	110-86-1	Pyridine	5.0	0.040	ND	61.2	ND
D041	95-95-4	2,4,5-Trichlorophenol	400.0	0.040	ND	78.2	ND
D042	88-06-2	2,4,6-Trichlorophenol	2.0	0.040	ND	73.0	ND
D027	106-46-7	1,4-Dichlorobenzene	7.5	0.040	ND	64.8	ND

Notes and Definitions for this Report:

EXTRACTED..... 11/30/98  
DATE RUN..... 12/01/98  
ANALYST..... PAC  
INSTRUMENT..... F  
DIL. FACTOR..... 4

ND = not detected at detection limit

- (1) Hazardous Waste Number
- (2) Chemical Abstract Service Number
- (3) Uncorrected Result
- (4) Bias Corrected Result

o-cresol ND  
m-cresol ND  
p-cresol ND

SAMPLE ID UGMASWC02 FRACTION 02A TEST CODE TCLPV NAME PURG. ORG. SOIL - TCLP  
Date & Time Collected 11/24/98 10:15:00 Category SOIL

**TCLP VOLATILES**

EPA HW NO. (1)	CAS NO. (2)	TOXICITY CHARACTERISTIC CONTAMINANT	REGULATORY LEVEL (MG/L)	METHOD DETECT LIMIT	RESULT (MG/L) (3)	MATRIX SPIKE% RECOVERY	RESULT (MG/L) (4)
D018	71-43-2	Benzene	<u>0.5</u>	<u>0.010</u>	<u>ND</u>	<u>92.0</u>	<u>ND</u>
D019	56-23-5	Carbon Tetrachloride	<u>0.5</u>	<u>0.010</u>	<u>ND</u>	<u>89.0</u>	<u>ND</u>
D021	108-90-7	Chlorobenzene	<u>100.0</u>	<u>0.010</u>	<u>ND</u>	<u>89.0</u>	<u>ND</u>
D022	67-66-3	Chloroform	<u>6.0</u>	<u>0.010</u>	<u>ND</u>	<u>92.0</u>	<u>ND</u>
D028	107-06-2	1,2-Dichloroethane	<u>0.5</u>	<u>0.010</u>	<u>ND</u>	<u>91.0</u>	<u>ND</u>
D029	75-35-4	1,1-Dichloroethylene	<u>0.7</u>	<u>0.010</u>	<u>ND</u>	<u>96.0</u>	<u>ND</u>
D035	78-93-3	Methyl-ethyl-ketone	<u>200.0</u>	<u>0.010</u>	<u>ND</u>	<u>74.0</u>	<u>ND</u>
D039	127-18-4	Tetrachloroethylene	<u>0.7</u>	<u>0.010</u>	<u>ND</u>	<u>93.0</u>	<u>ND</u>
D040	79-01-6	Trichloroethylene	<u>0.5</u>	<u>0.010</u>	<u>ND</u>	<u>95.0</u>	<u>ND</u>
D043	75-01-4	Vinyl Chloride	<u>0.2</u>	<u>0.010</u>	<u>ND</u>	<u>100</u>	<u>ND</u>

Notes and Definitions for this Report:

EXTRACTED 11/28/98  
DATE RUN 12/01/98  
ANALYST JPM  
DILUTION FACTOR: 5

ND = not detected at detection limit  
(1) Hazardous Waste Number  
(2) Chemical Abstract Service Number  
(3) Uncorrected Result  
(4) Bias Corrected Result

SAMPLE ID WGNASWC02 LEACHATE SAMPLE # 02 FRACTIONS: B  
Date & Time Collected 11/24/98 10:15:00 Category SOIL  
COD 24.7 N\_ANH ND O\_G\_GR ND PH\_W 7.5 TS 40.0  
mg/L DL=5.5 mg/L DL=0.04 mg/L DL=5.0 PH UNITS mg/L DL=10.0

SAMPLE ID WGNASWC03 SAMPLE # 03 FRACTIONS: A  
Date & Time Collected 11/24/98 10:35:00 Category SOIL  
F\_PT >220 O\_G\_GR 777 PH\_S 7.6 RE\_CN ND RE\_S ND TS 916000  
F mg/Kg DL=50.0 PH UNITS mg/Kg DL=100 mg/Kg DL=100 mg/Kg DL=10.0  
TVS 50700  
mg/Kg DL=10

SAMPLE ID WGNASWC03 FRACTION 03A TEST CODE 9095 NAME PAINT FILTER LIQUIDS TEST  
Date & Time Collected 11/24/98 10:35:00 Category SOIL

**PAINT FILTER LIQUIDS TEST**  
SAMPLE DOES NOT CONTAIN FREE LIQUIDS.  
Notes and Definitions for this Report:  
DATE RUN..... 11/28/98  
ANALYST..... II

SAMPLE ID MGNASWC03 FRACTION 03A TEST CODE PCB S NAME PCB - SW846-8080  
Date & Time Collected 11/24/98 10:35:00 Category SOIL

PCB in SOIL

CAS NUM.	RESULT	LIMIT	UNITS	ANALYTE
12674-11-2	<u>ND</u>	<u>20</u>	mg/Kg	Aroclor 1016
11104-28-2	<u>ND</u>	<u>20</u>	mg/Kg	Aroclor 1221
11141-16-5	<u>ND</u>	<u>20</u>	mg/Kg	Aroclor 1232
53469-21-9	<u>ND</u>	<u>20</u>	mg/Kg	Aroclor 1242
12672-29-6	<u>ND</u>	<u>20</u>	mg/Kg	Aroclor 1248
11097-69-1	<u>ND</u>	<u>20</u>	mg/Kg	Aroclor 1254
11096-82-5	<u>22</u>	<u>20</u>	mg/Kg	Aroclor 1260

Notes and Definitions for this Report:

EXTRACTED: 11/30/98  
DATE RUN: 12/03/98  
ANALYST: CK  
INSTRUMENT: HP1  
DIL. FACTOR: 100

ND = Not detected at detection limit

Received: 11/25/98

Results by Sample

SAMPLE ID WGNASWC03

FRACTION Q3A

TEST CODE RCRA T

NAME TCLP RCRA METALS (8)

Date & Time Collected 11/24/98 10:35:00

Category SOIL

**TCLP METALS**

EPA HW NO. (1)	CAS NO. (2)	TOXICITY CHARACTERISTIC CONTAMINANT	REGULATORY LEVEL (MG/L)	METHOD DETECT LIMIT	RESULT (MG/L) (3)	MATRIX SPIKE% RECOVERY	RESULT (MG/L) (4)
D011	7440-22-4	Silver	5.0	0.10	ND	86.1	ND
D005	7440-39-3	Barium	100.0	0.10	1.33	96.1	1.39
D006	7440-43-9	Cadmium	1.0	0.10	ND	101	ND
D007	7440-47-3	Chromium	5.0	0.10	ND	100	ND
D008	7439-92-1	Lead	5.0	0.10	ND	98.0	ND
D004	7440-38-2	Arsenic	5.0	0.50	ND	94.0	ND
D010	7782-49-2	Selenium	1.0	0.30	ND	137	ND
D009	7439-97-6	Mercury	0.2	0.0050	ND	106	ND

Notes and Definitions for this Report:

EXTRACTED 11/28/98  
 DATE RUN 12/01/98  
 ANALYST AS  
 INSTRUMENT ICP, CVAAA

ND = Not detected at detection limit

- (1) Hazardous Waste Number
- (2) Chemical Abstract Service Number
- (3) Uncorrected Result
- (4) Bias Corrected Result



TOXIKON

TCLP-WD SEMIVOLATILE SURROGATE RECOVERY

MATRIX: SOLIDS

UNITS: ug/Kg

TOXIKON PROJECT# 9811468

SAMPLE #	BASE NEUTRALS			ACIDS			BN'S OUT	ACIDS OUT
	Nitro- Benzene-d5	Fluoro- Biphenyl	Terphenyl -d14	2-Fluoro- phenol	Phenol -d5	2,4,6-Tribromo phenol		
01 Method Blank	66 OK	64 OK	72.7 OK	61.2 OK	57.3 OK	92.6 OK	0	0
02 LCS	73 OK	72.6 OK	84.9 OK	66.4 OK	62.9 OK	97 OK	0	0
03 MS9811103.1	70 OK	67.5 OK	78.4 OK	63.9 OK	62.1 OK	99.2 OK	0	0
04 9811468.1	80 OK	74 OK	91 OK	64 OK	62 OK	88 OK	0	0
05 9811468.2	79 OK	71 OK	96 OK	62 OK	59 OK	86 OK	0	0
06 9811468.3	83 OK	76 OK	91 OK	65 OK	61 OK	73 OK	0	0
07 9811468.4	70 OK	66 OK	78 OK	58 OK	54 OK	76 OK	0	0
08							0	0
09							0	0
10							0	0
11							0	0
12							0	0
13							0	0
14							0	0
15							0	0
16							0	0
17							0	0
18							0	0
19							0	0
20							0	0
21							0	0

D - Indicates Diluted Out  
INT - Indicates Interference

Nitrobenzene-d5            23 - 120  
Fluorobiphenyl            30 - 115  
Terphenyl-d14            18 - 137  
2-Fluorophenol            25 - 121  
Phenol                    24 - 113  
2,4,6-Tribromophenol    19 - 122

/PPR

/PPR

SAMPLE ID WGNASWC03 FRACTION 03A TEST CODE TCLPH NAME TCLP HERBICIDES  
Date & Time Collected 11/24/98 10:35:00 Category SOIL

TCLP HERBICIDES

EPA HW NO. (1)	CAS NO. (2)	TOXICITY CHARACTERISTIC CONTAMINANT	REGULATORY LEVEL (MG/L)	METHOD DETECT LIMIT	RESULT (MG/L) (3)	MATRIX SPIKEX RECOVERY	RESULT (MG/L) (4)
D016	57-74-9	2,4-D	10.0	0.10	ND	49.1	ND
D017	93-72-1	2,4,5-TP (SILVEX)	1.0	0.010	ND	52.7	ND

Notes and Definitions for this Report:

EXTRACTED 11/30/98  
DATE RUN 12/01/98  
ANALYST CK  
INSTRUMENT HP3  
DIL. FACTOR 1

ND = not detected at detection limits

- (1) Hazardous Waste Number
- (2) Chemical Abstract Service Number
- (3) Uncorrected Result
- (4) Bias Corrected Result

SAMPLE ID MGNASWC03 FRACTION 03A TEST CODE TCLPP NAME PESTICIDES - TCLP  
Date & Time Collected 11/24/98 10:35:00 Category SOIL

TCLP PESTICIDES

EPA HW NO. (1)	CAS NO. (2)	TOXICITY CHARACTERISTIC CONTAMINANT	REGULATORY LEVEL (MG/L)	METHOD DETECT LIMIT	RESULT (MG/L) (3)	MATRIX SPIKE% RECOVERY	RESULT (MG/L) (4)
D020	57-74-9	Chlordane	0.03	0.010	ND	76.2	ND
D012	72-20-8	Endrin	0.02	0.010	ND	95.2	ND
D031	76-44-8	Heptachlor	0.008	0.0050	ND	102	ND
D031	1024-57-3	Heptachlor Epoxide	0.008	0.0050	ND	86.9	ND
D013	58-89-9	Methoxychlor	10.0	0.010	ND	100	ND
D014	72-43-5	Toxaphene	0.5	0.010	ND	94.5	ND
D015	8001-35-2	Lindane	0.4	0.010	ND	85.3	ND

Notes and Definitions for this Report:

EXTRACTED 11/30/98  
DATE RUN 12/01/98  
ANALYST CK  
INSTRUMENT HP2  
DIL. FACTOR 1

ND = not detected at detection limit

- (1) Hazardous Waste Number
- (2) Chemical Abstract Service Number
- (3) Uncorrected Result
- (4) Bias Corrected Result

Received: 11/25/98

Results by Sample

SAMPLE ID WGNASWC03

FRACTION 03A

TEST CODE ICLPSP

NAME ICLP SPECIAL TEST

Date & Time Collected 11/24/98 10:35:00

Category SOIL

**TCLP SPECIAL TEST REPORT**

ANALYTE	METHOD		MATRIX
	(1) RESULT	DETECT LIMIT	
COPPER	ND	0.100	ND
NICKEL	ND	0.100	ND
ZINC	0.414	0.100	0.412

Notes and definitions for this report:

EXTRACTED... 11/28/98  
DATE RUN.... 12/01/98  
ANALYST..... AS  
CONC FACTOR. 1  
EPA METHOD.. 1311  
UNITS..... mg/L

ND = not detected at detection limits

(1) Uncorrected Result  
(2) Bias Corrected Result

SAMPLE ID WGNASWC03 FRACTION 03A TEST CODE TCLPSV NAME A/BM EXT., SOIL, TCLP  
 Date & Time Collected 11/24/98 10:35:00 Category SOIL

TCLP SEMI VOLATILES

EPA HW NO. (1)	CAS NO. (2)	TOXICITY CHARACTERISTIC CONTAMINANT	REGULATORY LEVEL (MG/L)	METHOD DETECT LIMIT	RESULT (MG/L) (3)	MATRIX SPIKE% RECOVERY	RESULT (MG/L) (4)
D026		Cresol (Total)	200.0	0.040	ND	110	ND
D030	121-14-2	2,4-Dinitrotoluene	200.0	0.040	ND	75.6	ND
D032	118-74-1	Hexachlorobenzene	0.13	0.040	ND	85.2	ND
D033	87-68-3	Hexachlorobutadiene	0.5	0.040	ND	58.4	ND
D034	67-62-1	Hexachloroethane	3.0	0.040	ND	62.2	ND
D036	98-95-3	Nitrobenzene	2.0	0.040	ND	69.4	ND
D037	87-86-5	Pentachlorophenol	100.0	0.040	ND	83.0	ND
D038	110-86-1	Pyridine	5.0	0.040	ND	61.2	ND
D041	95-95-4	2,4,5-Trichlorophenol	400.0	0.040	ND	78.2	ND
D042	88-06-2	2,4,6-Trichlorophenol	2.0	0.040	ND	73.0	ND
D027	106-46-7	1,4-Dichlorobenzene	7.5	0.040	ND	64.8	ND

Notes and Definitions for this Report:

EXTRACTED..... 11/30/98  
 DATE RUN..... 12/01/98  
 ANALYST..... PAC  
 INSTRUMENT..... F  
 DIL. FACTOR..... 4

ND = not detected at detection limit

- (1) Hazardous Waste Number
- (2) Chemical Abstract Service Number
- (3) Uncorrected Result
- (4) Bias Corrected Result

o-cresol ND  
 m-cresol ND  
 p-cresol ND

Received: 11/25/98

Results by Sample

SAMPLE ID WGNASHC03FRACTION Q3A TEST CODE TCLPV NAME PURG. ORG. SOIL - TCLPDate & Time Collected 11/24/98 10:35:00Category SOILTCLP VOLATILES

EPA HW NO. (1)	CAS NO. (2)	TOXICITY CHARACTERISTIC CONTAMINANT	REGULATORY LEVEL (MG/L)	METHOD DETECT LIMIT	RESULT (MG/L) (3)	MATRIX SPIKE% RECOVERY	RESULT (MG/L) (4)
D018	71-43-2	Benzene	<u>0.5</u>	<u>0.010</u>	<u>ND</u>	<u>92.0</u>	<u>ND</u>
D019	56-23-5	Carbon Tetrachloride	<u>0.5</u>	<u>0.010</u>	<u>ND</u>	<u>89.0</u>	<u>ND</u>
D021	108-90-7	Chlorobenzene	<u>100.0</u>	<u>0.010</u>	<u>ND</u>	<u>89.0</u>	<u>ND</u>
D022	67-66-3	Chloroform	<u>6.0</u>	<u>0.010</u>	<u>ND</u>	<u>92.0</u>	<u>ND</u>
D028	107-06-2	1,2-Dichloroethane	<u>0.5</u>	<u>0.010</u>	<u>ND</u>	<u>91.0</u>	<u>ND</u>
D029	75-35-4	1,1-Dichloroethylene	<u>0.7</u>	<u>0.010</u>	<u>ND</u>	<u>96.0</u>	<u>ND</u>
D035	78-93-3	Methyl-ethyl-ketone	<u>200.0</u>	<u>0.010</u>	<u>ND</u>	<u>74.0</u>	<u>ND</u>
D039	127-18-4	Tetrachloroethylene	<u>0.7</u>	<u>0.010</u>	<u>ND</u>	<u>93.0</u>	<u>ND</u>
D040	79-01-6	Trichloroethylene	<u>0.5</u>	<u>0.010</u>	<u>ND</u>	<u>95.0</u>	<u>ND</u>
D043	75-01-4	Vinyl Chloride	<u>0.2</u>	<u>0.010</u>	<u>ND</u>	<u>100</u>	<u>ND</u>

## Notes and Definitions for this Report:

EXTRACTED 11/28/98  
DATE RUN 12/01/98  
ANALYST JPM  
DILUTION FACTOR: 5

ND = not detected at detection limit

- (1) Hazardous Waste Number
- (2) Chemical Abstract Service Number
- (3) Uncorrected Result
- (4) Bias Corrected Result

SAMPLE ID WGNASWC03 LEACHATE SAMPLE # 03 FRACTIONS: B  
Date & Time Collected 11/24/98 10:35:00 Category SOIL

COD 13.1 N\_ANH ND O\_G\_GR ND PH\_W 7.7 TS 18.0  
mg/L DL=5.5 mg/L DL=0.04 mg/L DL=5.0 PH UNITS mg/L DL=10.0

SAMPLE ID WGNASWC04 SAMPLE # 04 FRACTIONS: A  
Date & Time Collected 11/24/98 10:45:00 Category SOIL

F\_PT >220 O\_G\_GR 1020 PH\_S 7.5 RE\_CM ND RE\_S ND TS 888000  
F mg/Kg DL=50.0 PH UNITS mg/Kg DL=100 mg/Kg DL=100 mg/Kg DL=10.0

TVS 56300  
mg/Kg DL=10

SAMPLE ID WGNASWC04 FRACTION 04A TEST CODE 9095 NAME PAINT FILTER LIQUIDS TEST  
Date & Time Collected 11/24/98 10:45:00 Category SOIL

**PAINT FILTER LIQUIDS TEST**

SAMPLE        DOES NOT CONTAIN FREE LIQUIDS.

Notes and Definitions for this Report:

DATE RUN..... 11/28/98  
ANALYST..... TI

SAMPLE ID WGNASMC04 FRACTION 04A TEST CODE PCB S NAME PCB - SW846-8080  
Date & Time Collected 11/24/98 10:45:00 Category SOIL

PCB in SOIL

CAS NUM.	RESULT	LIMIT	UNITS	ANALYTE
12674-11-2	<u>ND</u>	<u>5.0</u>	mg/Kg	Aroclor 1016
11104-28-2	<u>ND</u>	<u>5.0</u>	mg/Kg	Aroclor 1221
11141-16-5	<u>ND</u>	<u>5.0</u>	mg/Kg	Aroclor 1232
53469-21-9	<u>ND</u>	<u>5.0</u>	mg/Kg	Aroclor 1242
12672-29-6	<u>ND</u>	<u>5.0</u>	mg/Kg	Aroclor 1248
11097-69-1	<u>ND</u>	<u>5.0</u>	mg/Kg	Aroclor 1254
11096-82-5	<u>8.5</u>	<u>5.0</u>	mg/Kg	Aroclor 1260

Notes and Definitions for this Report:

EXTRACTED: 11/30/98  
DATE RUN: 12/03/98  
ANALYST: CK  
INSTRUMENT: HP1  
DIL. FACTOR: 50

ND = Not detected at detection limit

SAMPLE ID WGNASWC04 FRACTION 04A TEST CODE RCRA T NAME TCLP RCRA METALS (8)  
Date & Time Collected 11/24/98 10:45:00 Category SOIL

TCLP METALS

EPA HW NO. (1)	CAS NO. (2)	TOXICITY CHARACTERISTIC CONTAMINANT	REGULATORY LEVEL (MG/L)	METHOD DETECT LIMIT	RESULT (MG/L) (3)	MATRIX SPIKE% RECOVERY	RESULT (MG/L) (4)
D011	7440-22-4	Silver	5.0	0.10	ND	86.1	ND
D005	7440-39-3	Barium	100.0	0.10	1.39	96.1	1.45
D006	7440-43-9	Cadmium	1.0	0.10	ND	101	ND
D007	7440-47-3	Chromium	5.0	0.10	ND	100	ND
D008	7439-92-1	Lead	5.0	0.10	ND	98.0	ND
D004	7440-38-2	Arsenic	5.0	0.50	ND	94.0	ND
D010	7782-49-2	Selenium	1.0	0.30	ND	137	ND
D009	7439-97-6	Mercury	0.2	0.0050	ND	106	ND

Notes and Definitions for this Report:

EXTRACTED 11/28/98  
DATE RUN 12/01/98  
ANALYST AS  
INSTRUMENT ICP, CVAAA

ND = Not detected at detection limit

- (1) Hazardous Waste Number
- (2) Chemical Abstract Service Number
- (3) Uncorrected Result
- (4) Bias Corrected Result

Received: 11/25/98

Results by Sample

SAMPLE ID WGNASWC04FRACTION 04ATEST CODE TCLPHNAME TCLP HERBICIDESDate & Time Collected 11/24/98 10:45:00Category SOILTCLP HERBICIDES

EPA HW NO. (1)	CAS NO. (2)	TOXICITY CHARACTERISTIC CONTAMINANT	REGULATORY LEVEL (MG/L)	METHOD DETECT LIMIT	RESULT (MG/L) (3)	MATRIX SPIKE% RECOVERY	RESULT (MG/L) (4)
D016	57-74-9	2,4-D	10.0	0.10	ND	49.1	ND
D017	93-72-1	2,4,5-TP (SILVEX)	1.0	0.010	ND	52.7	ND

## Notes and Definitions for this Report:

EXTRACTED 11/30/98  
DATE RUN 12/01/98  
ANALYST CK  
INSTRUMENT HP3  
DIL. FACTOR 1

ND = not detected at detection limits

- (1) Hazardous Waste Number
- (2) Chemical Abstract Service Number
- (3) Uncorrected Result
- (4) Bias Corrected Result

SAMPLE ID WGNASLCO4 FRACTION 04A TEST CODE TCLPP NAME PESTICIDES - TCLP  
Date & Time Collected 11/24/98 10:45:00 Category SOIL

**TCLP PESTICIDES**

EPA HW NO. (1)	CAS NO. (2)	TOXICITY CHARACTERISTIC CONTAMINANT	REGULATORY LEVEL (MG/L)	METHOD DETECT LIMIT	RESULT (MG/L) (3)	MATRIX SPIKE% RECOVERY	RESULT (MG/L) (4)
D020	57-74-9	Chlordane	0.03	<u>0.010</u>	<u>ND</u>	<u>76.2</u>	<u>ND</u>
D012	72-20-8	Endrin	0.02	<u>0.010</u>	<u>ND</u>	<u>95.2</u>	<u>ND</u>
D031	76-44-8	Heptachlor	0.008	<u>0.0050</u>	<u>ND</u>	<u>102</u>	<u>ND</u>
D031	1024-57-3	Heptachlor Epoxide	0.008	<u>0.0050</u>	<u>ND</u>	<u>86.9</u>	<u>ND</u>
D013	58-89-9	Methoxychlor	10.0	<u>0.010</u>	<u>ND</u>	<u>100</u>	<u>ND</u>
D014	72-43-5	Toxaphene	0.5	<u>0.010</u>	<u>ND</u>	<u>94.5</u>	<u>ND</u>
D015	8001-35-2	Lindane	0.4	<u>0.010</u>	<u>ND</u>	<u>85.3</u>	<u>ND</u>

Notes and Definitions for this Report:

EXTRACTED 11/30/98  
DATE RUN 12/01/98  
ANALYST CK  
INSTRUMENT HP2  
DIL. FACTOR 1

ND = not detected at detection limit

- (1) Hazardous Waste Number
- (2) Chemical Abstract Service Number
- (3) Uncorrected Result
- (4) Bias Corrected Result

SAMPLE ID WGNASWC04 FRACTION 04A TEST CODE TCLPSP NAME TCLP SPECIAL TEST  
Date & Time Collected 11/24/98 10:45:00 Category SOIL

**TCLP SPECIAL TEST REPORT**

ANALYTE	METHOD		MATRIX SPIKE%
	(1) RESULT	DETECT LIMIT (2) RESULT	
COPPER	ND	0.100	ND 98.2
NICKEL	ND	0.100	ND 99.1
ZINC	0.572	0.100	0.570 100

Notes and definitions for this report:

EXTRACTED... 11/28/98  
DATE RUN.... 12/01/98  
ANALYST..... AS  
CONC FACTOR. 1  
EPA METHOD.. 1311  
UNITS..... mg/L

ND = not detected at detection limits

(1) Uncorrected Result  
(2) Bias Corrected Result

SAMPLE ID WGNASWC04FRACTION 04ATEST CODE TCLPSVNAME A/BN EXT., SOIL, TCLPDate & Time Collected 11/24/98 10:45:00Category SOILTCLP SEMI VOLATILES

EPA HW NO. (1)	CAS NO. (2)	TOXICITY CHARACTERISTIC CONTAMINANT	REGULATORY LEVEL (MG/L)	METHOD DETECT LIMIT	RESULT (MG/L) (3)	MATRIX SPIKE% RECOVERY	RESULT (MG/L) (4)
D026		Cresol (Total)	200.0	0.040	ND	110	ND
D030	121-14-2	2,4-Dinitrotoluene	200.0	0.040	ND	75.6	ND
D032	118-74-1	Hexachlorobenzene	0.13	0.040	ND	85.2	ND
D033	87-68-3	Hexachlorobutadiene	0.5	0.040	ND	58.4	ND
D034	67-62-1	Hexachloroethane	3.0	0.040	ND	62.2	ND
D036	98-95-3	Nitrobenzene	2.0	0.040	ND	69.4	ND
D037	87-86-5	Pentachlorophenol	100.0	0.040	ND	83.0	ND
D038	110-86-1	Pyridine	5.0	0.040	ND	61.2	ND
D041	95-95-4	2,4,5-Trichlorophenol	400.0	0.040	ND	78.2	ND
D042	88-06-2	2,4,6-Trichlorophenol	2.0	0.040	ND	73.0	ND
D027	106-46-7	1,4-Dichlorobenzene	7.5	0.040	ND	64.8	ND

## Notes and Definitions for this Report:

EXTRACTED..... 11/30/98  
DATE RUN..... 12/01/98  
ANALYST..... PAC  
INSTRUMENT..... F  
DIL. FACTOR..... 4

ND = not detected at detection limit

- (1) Hazardous Waste Number
- (2) Chemical Abstract Service Number
- (3) Uncorrected Result
- (4) Bias Corrected Result

o-cresol ND  
m-cresol ND  
p-cresol ND

Received: 11/25/98

Results by Sample

SAMPLE ID <u>MGNASWC04 LEACHATE</u>		SAMPLE # <u>04</u>		FRACTIONS: <u>B</u>					
Date & Time Collected <u>11/24/98 10:45:00</u> Category <u>SOIL</u>									
COD	<u>18.1</u>	N_ANH	<u>ND</u>	O_G_GR	<u>ND</u>	PH_W	<u>7.7</u>	TS	<u>42.0</u>
mg/L	DL=5.5	mg/L	DL=0.04	mg/L	DL=5.0	PH UNITS		mg/L	DL=10.0

SAMPLE ID WGNASWC04 FRACTION 04A TEST CODE TCLPV NAME PURG. ORG. SOIL - TCLP  
Date & Time Collected 11/24/98 10:45:00 Category SOIL

**TCLP VOLATILES**

EPA HW NO. (1)	CAS NO. (2)	TOXICITY CHARACTERISTIC CONTAMINANT	REGULATORY LEVEL (MG/L)	METHOD DETECT LIMIT	RESULT (MG/L) (3)	MATRIX SPIKE% RECOVERY	RESULT (MG/L) (4)
D018	71-43-2	Benzene	<u>0.5</u>	<u>0.010</u>	<u>ND</u>	<u>92.0</u>	<u>ND</u>
D019	56-23-5	Carbon Tetrachloride	<u>0.5</u>	<u>0.010</u>	<u>ND</u>	<u>89.0</u>	<u>ND</u>
D021	108-90-7	Chlorobenzene	<u>100.0</u>	<u>0.010</u>	<u>ND</u>	<u>89.0</u>	<u>ND</u>
D022	67-66-3	Chloroform	<u>6.0</u>	<u>0.010</u>	<u>ND</u>	<u>92.0</u>	<u>ND</u>
D028	107-06-2	1,2-Dichloroethane	<u>0.5</u>	<u>0.010</u>	<u>ND</u>	<u>91.0</u>	<u>ND</u>
D029	75-35-4	1,1-Dichloroethylene	<u>0.7</u>	<u>0.010</u>	<u>ND</u>	<u>96.0</u>	<u>ND</u>
D035	78-93-3	Methyl-ethyl-ketone	<u>200.0</u>	<u>0.010</u>	<u>ND</u>	<u>74.0</u>	<u>ND</u>
D039	127-18-4	Tetrachloroethylene	<u>0.7</u>	<u>0.010</u>	<u>ND</u>	<u>93.0</u>	<u>ND</u>
D040	79-01-6	Trichloroethylene	<u>0.5</u>	<u>0.010</u>	<u>ND</u>	<u>95.0</u>	<u>ND</u>
D043	75-01-4	Vinyl Chloride	<u>0.2</u>	<u>0.010</u>	<u>ND</u>	<u>100</u>	<u>ND</u>

Notes and Definitions for this Report:

EXTRACTED 11/28/98  
DATE RUN 12/01/98  
ANALYST JPM  
DILUTION FACTOR: 5

ND = not detected at detection limit  
(1) Hazardous Waste Number  
(2) Chemical Abstract Service Number  
(3) Uncorrected Result  
(4) Bias Corrected Result

TEST CODE 9095 NAME PAINT FILTER LIQUIDS TEST

TEST METHOD: EPA 9095. Paint Filter Liquids Test.

REFERENCE: Test Methods for Evaluating Solid Waste.  
USEPA. SW-846. November 1986.

TEST CODE COD NAME COD

EPA METHOD: 410.4

Reference: Methods for Chemical Analysis of Water and Wastes.  
EPA 600/4-79-020 (Revised, March 1983). EPA/EMSL.

TEST CODE ETCLPH NAME EXT. TCLP HERBICIDES

EPA METHOD: 1311

Reference: Federal Register/ Vol. 55, No. 61/ June 29 1990. Rules and  
Regulations. Appendix II. Toxicity Characteristic Leaching  
Proceure (TCLP).

TEST CODE ETCLPP NAME EXT. TCLP PESTICIDES

EPA METHOD: 1311

Reference: Federal Register/ Vol. 55, No. 61/ June 29 1990. Rules and  
Regulations. Appendix II. Toxicity Characteristic Leaching  
Proceure (TCLP).

TEST CODE ETCLPV NAME EXTRACTION TCLP, VOLATILES

EPA METHOD: 1311: Volatile Organic Fraction.

Reference: Federal Register/ Vol. 55, No. 61/ June 29 1990. Rules and  
Regulations. Appendix II. Toxicity Characteristic Leaching  
Proceure (TCLP).

TEST CODE ETCLSV NAME EXTRACTION TCLP, SEMI-VOL

EPA METHOD: 1311: Semivolatile Fraction.

Reference: Federal Register/ Vol. 55, No. 61/ June 29 1990. Rules and  
Regulations. Appendix II. Toxicity Characteristic Leaching  
Proceure (TCLP).

TEST CODE F PT NAME FLASH POINT

EPA Method: 1010



TEST CODE PH W NAME PH - AQUEOUS

EPA METHOD: 150.1

Reference: Methods for Chemical Analysis of Water and Wastes.  
EPA 600/4-79-020 (Revised, March 1983). EPA/EMSL.

TEST CODE RCRA T NAME TCLP RCRA METALS (8)

EPA METHOD: 1311. Metals by 6010 and 7470 (Mercury)

Reference: Federal Register/ Vol. 55, No. 61/ June 29 1990. Rules and  
Regulations. Appendix II. Toxicity Characteristic Leaching  
Proceure (TCLP).

TEST CODE RE CN NAME REACTIVE CYANIDE

EPA METHOD 7.3.3.2

Reference: Test Methods for Evaluating Solid Waste: Physical/Chemical Methods.  
EPA SW-846 (Third Edition) 1986. Office of Solid Waste, USEPA.

Note: Result of NR is Not Reactive.

TEST CODE RE S NAME REACTIVE SULFIDE

EPA METHOD 7.3.4.1

Reference: Test Methods for Evaluating Solid Waste: Physical/Chemical Methods.  
EPA SW-846 (Third Edition) 1986. Office of Solid Waste, USEPA.

Note: Sample Result of NR is Not Reactive.

TEST CODE TCLPH NAME TCLP HERBICIDES

EPA METHOD: 1311 Herbicide Fraction by 8150.

Reference: Federal Register/ Vol. 55, No. 61/ June 29 1990. Rules and  
Regulations. Appendix II. Toxicity Characteristic Leaching  
Proceure (TCLP).

TEST CODE TCLPP NAME PESTICIDES - TCLP

EPA METHOD: 1311 Pesticide Fraction by 8080.

Reference: Federal Register/ Vol. 55, No. 61/ June 29 1990. Rules and  
Regulations. Appendix II. Toxicity Characteristic Leaching  
Proceure (TCLP).

TEST CODE TCLPSP    NAME TCLP SPECIAL TEST

TCLP Special Test Form.    For methodologies please see Extraction method.

TEST CODE TCLPSV    NAME A/BN EXT., SOIL, TCLP

EPA METHOD: 1311: Semivolatile Fraction by 8270

Reference: Federal Register/ Vol. 55, No. 61/ June 29 1990. Rules and Regulations. Appendix II. Toxicity Characteristic Leaching Proceure (TCLP).

TEST CODE TCLPV    NAME PURG. ORG. SOIL - TCLP

EPA METHOD: 1311: Volatile Organic Fraction by 8240

Reference: Federal Register/ Vol. 55, No. 61/ June 29 1990. Rules and Regulations. Appendix II. Toxicity Characteristic Leaching Proceure (TCLP).

TEST CODE TS        NAME TOTAL SOLIDS

EPA METHOD: 160.3

Reference: Methods for Chemical Analysis of Water and Wastes.  
EPA 600/4-79-020 (Revised, March 1983). EPA/EMSL.

TEST CODE TVS        NAME TOTAL VOLATILE SOLIDS

EPA METHOD: 160.1



CASE NARRATIVE

Work Order: 9811468

All samples were analyzed within the method holding times.

No target compounds were detected in the method blanks.

# TOXIKON

## QC SUMMARY - METALS

PROJECT : 9811468  
 MATRIX : TCLP

SPIKE SAMPLE: 9811466.1  
 HG SPIKE SAMPLE: 9811466.1

ANALYTE	METHOD BLANK	LCS (% REC)	MS (% REC)	DUPLICATE (% RPD)
Ag	ND	86.1	83.6	0
As	ND	90	84.5	0
Ba	ND	92.1	85.2	2.6
Cd	ND	98.1	89.6	0
Cr	ND	97.7	90	0
Cu	ND	94.9	89.8	0
Ni	ND	97.1	91	0
Pb	ND	97.6	89.4	0
Se	ND	102.4	INT	0
Zn	ND	102.3	91.7	3.706
Hg	ND	108.6	102.3	0

INT = NOT CALCULATED DUE TO MATRIX INTERFERENCES.

### ACCEPTANCE CRITERIA

ANALYTE	METHOD BLANK	MS (% REC)	LCS (% REC)	DUPLICATE (% RPD)
Ag	BDL	65 - 125	80 - 120	<25
Hg	BDL	75 - 125	80 - 120	<25
All Others	BDL	80 - 120	80 - 120	<25



**TOXIKON**

**GC PCB ANALYSIS MS/MSD RECOVERIES  
(METHOD 608/8080)**

PROJECT : 9811468  
MATRIX : SOLIDS

**LABORATORY CONTROL SPIKE**

COMPOUND	SPIKE ADDED (mg/L)	CONTROL SPIKE (mg/L)	CONTROL % RECOVERY	QC LIMITS
AROCHLOR 1260	5.0	5.88	117.6	46 - 124

MATRIX SPIKE SAMPLE : MS9811475.2  
DILUTION : 1X

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONC. (mg/L)	MS CONC. (mg/L)	MS % RECOVERY
AROCHLOR 1260	5.0	ND	4.26	85.2

MATRIX SPIKE DUPLICATE : MSD9811475.2  
DILUTION : 1X

COMPOUND	SPIKE ADDED (mg/L)	MSD CONC. (mg/L)	MSD % RECOVERY	% RPD	QC LIMITS	
					%RPD	RECOVERY
AROCHLOR 1260	5.0	4.41	88.2	3.5	< 15	46 - 124

D - Indicates Diluted Out  
INT - Indicates Interference



# TOXIKON

## GC TCLP HERBICIDES SURROGATE RECOVERIES

PROJECT # : 9811468

MATRIX : SOLIDS

SAMPLE ID	SURROGATE
METHOD BLANK	35
LCS	27.9
MS9811166.2	37.4
9811468.1	57.1
9811468.2	180*
9811468.3	56.5
9811468.4	66.5

\* = Surrogate elevated due to non target matrix interference.

D - Indicates Diluted Out

INT - Indicates Interference

TOXIKON

GC TCLP PESTICIDES ANALYSIS SURROGATE RECOVERIES  
(METHOD 608/8080)

PROJECT # : 9811468

MATRIX : SOLIDS

SAMPLE ID	2,4,5,6-Tetrachloro-M-Xylene	Decachlorobiphenyl
METHOD BLANK	56.5	65.2
LCS	64	72.5
LCSD	76.5	82.8
9811468.1	97.5	105.8
9811468.2	93.8	98.5
9811468.3	85.8	103.8
9811468.4	94.3	109

D - Indicates Diluted Out

INT - Indicates Interference

05/23/1998 04

3024276634

CLEAN EARTH OF NC

PAGE 02

RECEIVED

99 JUN -1 AM 11:08

ROICO MANFAC CENTER  
EAST PA AREA  
HAS JOB WILLOW GROVE



CLEAN EARTH OF NEW CASTLE, INC.

APPROVAL NUMBER: \_\_\_\_\_

CONTAMINATED SOIL PROFILE SHEET

Generator Information

Name: NAVAL AIR STATION JRB WILLOW GROVE

Address: BUILDING 78 - CODE 89 ROUTE 611

City: WILLOW GROVE State: PA Zip Code: 19090-5021

Agent or Contact Point: <sup>WILLIAM N.</sup> MR. ~~EDWARD~~ HEIL Telephone: 215-443-6938

Company Name: NAS JRB WILLOW GROVE ~~TRANSFORMER STORAGE~~

Billing Information

Name: ECOTRON, NJ INC. Telephone: 609-727-7201

Address: P.O. BOX 67

City: MOORESTOWN State: NJ Zip Code: 08057

Site Description

Address: PRIVET ROAD BOWLING ALLEY

City: WILLOW GROVE State: PA Zip Code: 19090-5021

Existing Site Land Use: GRASSY FIELD How Many Years: 20(est)

Previous Site Land Uses And Years Each: TRANSFORMER STORAGE

→  Is This Site a State Or Federal Superfund Site?  Yes  No

Soil Description

Source of Contamination (UST or Other): \_\_\_\_\_

Estimated Volume of Soil: \_\_\_\_\_ Tons 600 Cubic Yards

Type of Contamination (Gas, Kero, #2, #4, #6 Oil, Etc.): OIL

If Contamination is Other Than Above Please Specify: \_\_\_\_\_

Is a Soil Analysis Attached to this Form: \_\_\_\_\_

Certification

I hereby certify that the above information is a true and accurate description to the best of my knowledge of the material we intend to ship to Clean Earth of New Castle, Inc.'s Facility.

Signed: William N. Heil Date: 2 JUNE 1999

Print Name: WILLIAM N HEIL Title: ENV. PROT. SPEC.



of New Castle, Inc.

94 Pyles Lane • P.O. Box 1049 • New Castle, DE 19720-1049  
Telephone: (302) 427-6633 • Fax: (302) 427-6634

APPROVAL NUMBER: \_\_\_\_\_

NON-HAZARDOUS WASTE CERTIFICATION SHEET

PCB Certification

the undersigned, under penalty of law, do hereby certify that the material to be submitted for thermal treatment at Clean Earth of New Castle, Inc.'s facility does not contain polychlorinated biphenols (PCBs) at concentration greater than 40 ppm and was not derived from a source containing PCB's at a concentration greater than 50 ppm as defined in 40 CFR 761.

Herbicide/Pesticide Certification

the undersigned, under penalty of law, do hereby certify that the material to be submitted for thermal treatment at Clean Earth of New Castle, Inc.'s facility does not contain Herbicides or Pesticides at concentrations that would render it a hazardous waste as defined in 40 CFR 261.

Non-Hazardous Waste Certification

the undersigned under penalty of law, do hereby certify that the material to be submitted for thermal treatment at Clean Earth of New Castle, Inc.'s facility is not a listed hazardous waste, nor does it contain a listed hazardous waste, nor does it exhibit any of the characteristics of a hazardous waste as defined in 40 CFR 261.

The undersigned also acknowledges they have used due diligence in determining the Non-Hazardous status of the said material, as defined in 40 CFR. Should at any time after delivery, the material accepted by Clean Earth of New Castle, Inc. be found nonconforming to the above, it becomes the responsibility of the Generator/Agent to remove the waste from Clean Earth of New Castle, Inc.'s property within five (5) days of notification (notification is to be verbal followed by written notification, overnight receipted). It is the Generator/Agent's responsibility to abide by all Federal, State, and Local regulations associated with the removal of their waste. If the waste is not removed within the specified time period, said disposal shall be arranged by a Clean Earth of New Castle, Inc. representative and billed to the Generator/Agent at cost plus basis. Furthermore the Generator/Agent will be responsible for any and all costs for decontamination required at Clean Earth of New Castle, Inc.'s facility, that is related to the Generator/Agent's material and all liability for such nonconforming waste shall revert to the Generator/Agent.

I CERTIFY THAT I AM AUTHORIZED TO EXECUTE THIS ON BEHALF OF:

GENERATOR NAME

→ WILLIAM N. HEIL ENVIRONMENTAL PROTECTION SPEC

PRINT NAME

TITLE

→ *William N. Heil*

~~2~~ 2 JUNE 1999

AUTHORIZED SIGNATURE

DATE

MGP Certification

For sites that contain MGP waste, the undersigned further certifies that site remediation was conducted and the waste as characterized with the oversight of the appropriate regulatory agency and that Clean Earth of New Castle is an acceptable form of treatment for the MGP coal distillate contaminated soil. For sites that are NPL sites, this section must be completed by the appropriate regulatory agent.

PRINT NAME

COMPANY(AGENCY)

TITLE

AUTHORIZED SIGNATURE

DATE

REGULATOR

(check one) GENERATOR

DESIGNATED AGENT



1008 W. Ninth Avenue • King of Prussia, Pennsylvania 19406

(610) 337-9992 FAX (610) 337-9939

Ecotron  
707 Worthington Dr. P.O. Box 67  
Moorestown, N.J. 08057  
Attention: Taher Ginwala

Client Project ID: Willow Grove NAS-Privet Road  
Matrix Descript: Soil  
Analysis Method: EPA 5035/8260B  
First Sample #: 905-1174

Sampled: May 20, 1999  
Received: May 20, 1999  
Analyzed: May 21, 1999  
Reported: May 25, 1999

**BTEX ANALYSIS**

Sample Number	Sample Description	Benzene ug/kg Dry Wt.	Toluene ug/kg Dry Wt.	Ethyl Benzene ug/kg Dry Wt.	M,P Xylene ug/kg Dry Wt.	O-Xylene ug/kg Dry Wt.
905-1174	FWPCB-01	N.D.	N.D.	N.D.	N.D.	N.D.
905-1175	FW-PCB-02	N.D.	N.D.	N.D.	N.D.	N.D.

Reporting Limit:	100	100	100	200	100
------------------	-----	-----	-----	-----	-----

Analytes reported as N.D. were not present above the stated limit of detection.

**GLA LABORATORIES**

  
Crystal Pollock  
Laboratory Director



1008 W. Ninth Avenue • King of Prussia, Pennsylvania 19406

(610) 337-9992 FAX (610) 337-9939

Ecotron  
707 Worthington Dr. P.O. Box 67  
Moorestown, N.J. 08057  
Attention: Taher Ginwala

Client Project ID: Willow Grove NAS-Privet Road  
Sample Descript: Soil  
Analysis for: TOX 9020  
First Sample #: 905-1174

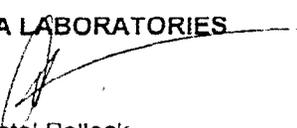
Sampled: May 20, 1999  
Received: May 20, 1999  
Analyzed: May 21, 1999  
Reported: May 25, 1999

LABORATORY ANALYSIS FOR: TOX 9020

Sample Number	Sample Description	Reporting Limit mg/kg	Sample Result mg/kg
905-1174	FWPCB-01	20	N.D.
905-1175	FW-PCB-02	20	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

GLA LABORATORIES

  
Crystal Pollock  
Laboratory Director



1008 W. Ninth Avenue • King of Prussia, Pennsylvania 19406

(610) 337-9992 FAX (610) 337-9939

Ecotron  
707 Worthington Dr. P.O. Box 67  
Moorestown, N.J. 08057  
Attention: Taher Ginwala

Client Project ID: Willow Grove NAS-Privet Road  
Matrix Descript: Soil  
Analysis Method: EPA 418.1 (I.R. with clean-up)  
First Sample #: 905-1174

Sampled: May 20, 1999  
Received: May 20, 1999  
Analyzed: May 25, 1999  
Reported: May 25, 1999

### TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Sample Number	Sample Description	Petroleum Oil mg/kg (ppm) Dry Wt.
905-1174	FWPCB-01	N.D.
905-1175	FW-PCB-02	N.D.

Reporting Limit: 50

Analytes reported as N.D. were not present above the stated limit of detection.

GLA LABORATORIES

  
Crystal Pollock  
Laboratory Director

# 11578

*Handwritten signature/initials*

Client: <u>Foster Williams ECDRON</u>		Bill To: <u>ECDRON</u>	TAT: 5 DAY 4 DAY 3 DAY 2 DAY <u>1 DAY</u> < 24 HRS.
Address: <u>1301 EASTON Rd</u> <u>WILLOW GROVE PA</u>		Address:	DATE RESULTS NEEDED: <u>5-25-99</u>
Report to: <u>TAKER GINWALA</u> <u>APR 12 1999</u>	Phone #: <u>215 334 9410</u> Fax #: <u>215 334 9415</u>	State & Program:	TEMPERATURE UPON RECEIPT: _____
Project: <u>WILLOW GROVE NKS - PRIVET Rd.</u>		Phone #: ( ) Fax #: ( )	AIR BILL NO. _____

FIELD ID, LOCATION	DATE COLLECTED	TIME COLLECTED	SAMPLE MATRIX	PRESERVATIVES	NO. CONTAINERS	TYPE CONTAINERS			SAMPLE CONTROL			LABORATORY ID NUMBER
						TPH	POP	TOX	CRACKED	BROKEN	IMPROPERLY SEALED	
1] <u>FW-PCB-01</u>	<u>20 MAY 99</u>	<u>1520</u>	<u>SOIL</u>	<u>ND</u>	<u>1 GL</u>	<u>X</u>	<u>X</u>	<u>X</u>				<u>9051174</u>
2] <u>FW-PCB-02</u>	<u>20 MAY 99</u>	<u>1530</u>	<u>SOIL</u>	<u>ND</u>	<u>1 GL</u>	<u>X</u>	<u>X</u>	<u>X</u>				<u>9051175</u>
3]												
4]												
5]												
6]												
7]												
8]												
9]												
10]												

72 hr TAT

RELINQUISHED <u>Joy Carr</u> <u>20 MAY 99</u> <u>1530</u>	RECEIVED <u>Bill De</u> <u>5-20-99</u> <u>1530</u>	RELINQUISHED	RECEIVED
RELINQUISHED	RECEIVED	RELINQUISHED	RECEIVED

COMMENTS: \_\_\_\_\_

PAGE \_\_\_\_\_ OF \_\_\_\_\_

**ATTACHMENT B**  
**WASTE PROFILES**

060499 PM

EQ Tracking #

# WASTE CHARACTERIZATION REPORT FOR NEW APPROVALS

TO EXPEDITE YOUR WASTE APPROVAL, PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

### Please Choose One EQ Management Facility

Michigan Disposal Waste Treatment Plant  
 (Stabilization and Treatment)  
 49350 N. I-94 Service Drive  
 Belleville, MI 48111

EPA ID # MID 000 724 811  
 PH: 1-800-592-5180  
 FX: 1-800-592-5320

Wayne Disposal, Inc.  
 Subtitle C Landfill  
 (Secure Hazardous Waste Landfill)  
 49350 N. I-94 Service Drive  
 Belleville, MI 48111

EPA ID # MID 048 090 633  
 PH: 1-800-592-5489  
 FX: 1-800-592-5329

Michigan Recovery Systems, Inc.  
 (Solvent Recycling, Fuel Blending & Wastewater Treatment)  
 36345 Van Burn Road  
 Romulus, MI 48174

EPA ID # MID 060 975 844  
 PH: 1-800-521-0998  
 FX: 1-313-326-9375

WASTE COMMON NAME

### Section 1 - Generator & Customer Information

Generator EPA ID # PA417 0000 158  
 Generator NAVAL AIR STATION JRB-WILLOW GROVE  
 Facility Address BUILDING 78-CODE 89 ROUTE 611  
 City WILLOW GROVE State PA Zip 19090-5021

Mailing Address (if different)  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Generator Contact MR. WILLIAM N. HEIL  
 Title ENVIRONMENTAL SPECIALIST  
 Phone 215-443-6938 Fax 215-443-6476

EQ Customer No. \_\_\_\_\_  
 Invoicing Company ECO-TRON NJ INC.  
 Address P.O. BOX 67  
 City MOORESTOWN State NJ Zip 08067  
 Country \_\_\_\_\_

Invoicing Contact TAKER GINWALA  
 Phone 609-727-7201 Fax 609-727-1356

Technical Contact \_\_\_\_\_  
 Phone \_\_\_\_\_ Fax \_\_\_\_\_

### Section 2 - Shipping and Packaging Information

2.1) Shipping volume: 20-40 TONS  
 Shipping frequency  Time Only  Annual  
 2.2) DOT shipping name NON REGULATED, NON HAZARDOUS MATERIAL

2.3) Packaging: (check all that apply)  
 Bulk Solid (Yd<sup>3</sup> < 2000 lb/yd<sup>3</sup>)  
 Bulk Solid (Ton > 2000 lb/yd<sup>3</sup>)  
 Bulk Liquids (gal)  
 Cubic Yard Boxes  
 Drums  
 Other (palletized, 5 gal. pails, etc.)  
 Please describe \_\_\_\_\_

### Section 3 - Physical Characteristics

3.1) Color (describe): BROWN (VARIES)  
 3.2) Odor (describe): NONE  
 3.3) Physical state at 70 °F (check all that apply)  
 Solid  Dust  Liquid  Sludge  
 3.4) Does this waste contain (check all that apply)  
 Free Liquids  Metal fines  
 Powders  Oily residue  
 Biodegradable sorbents  NONE  
 3.5) Does this waste contain (check all that apply)  
 Asbestos - friable  Pyrophoric waste  
 Asbestos - non-friable  Reactive waste  
 Dioxins  Shock Sensitive waste  
 Furans  Radioactive waste  
NONE of the above

3.6) Describe the composition of the waste (i.e. key chemical compounds, soil, water, pps, debris, etc.):

SOIL 100% to \_\_\_\_\_%  
PCB < 50ppm \_\_\_\_\_%  
 \_\_\_\_\_ to \_\_\_\_\_%  
 \_\_\_\_\_ to \_\_\_\_\_%  
 Total = 100 %

3.7) Does this waste contain > 50% contaminated soil or debris by volume, based on visual inspection? (debris is greater than 2.5 inches in size)  Yes  No  
 If yes, describe below and refer to the EQ Resource Guide for additional requirements: \_\_\_\_\_

HAZ 1 074

Section 4 - Generating Process and Regulatory Information

4.1 Provide a detailed description of the process(es) generating this waste: (attach flow diagram if available)

PCB CONTAMINATED SOIL. THE AREA WAS TRANSFERRED TO STORAGE AREA. PREVIOUSLY ANALYSED & ONLY PCB FOUND.

Based upon RCRA waste regulations (40 CFR 261) and Michigan Act 451 Rules:

- 4.2 Is this an EPA RCRA listed hazardous waste (F, K, P or U)?
4.3 Is this a MICHIGAN hazardous waste (Other than RCRA)?
4.4 Is this a MICHIGAN nonhazardous liquid industrial waste?
4.5 Does this waste exceed LDR treatment standards?

4.6 Please indicate if this waste stream carries an EPA RCRA characteristic hazardous waste code (D001-D043):

- D001 Does this waste exhibit the characteristic of ignitability?
D002 Does this waste exhibit the characteristic of corrosivity?
D003 Does this waste exhibit the characteristic of reactivity?

Table with 6 columns: Code, Regulatory Level, Concentration, Code, Regulatory Level, Concentration. Lists various hazardous waste codes (D004-D043) and their corresponding regulatory levels and concentration options.

- 4.7 The hazardous constituent information is based on:
4.8 If this is a characteristic (D-coded) hazardous waste, does it contain underlying hazardous constituents?

Section 5 - Hazardous Constituent Information

Indicate all hazardous constituents in your waste stream and their concentrations (attach additional pages as needed):

Table with 5 columns: Constituent, Concentration, Unit mg/kg or mg/l, Constituent, Concentration, Unit mg/kg or mg/l. Two empty rows for data entry.

Handwritten note: Haz 2004

Section 6 - PCB & TSCA Information

- 6.1) What is the concentration of PCBs in the waste?  None  0-5 ppm  6-49 ppm  50-499 ppm  500+ppm
- 6.2) Does the waste contain PCB contamination from a source with a concentration  $\geq 50$  ppm?  Yes  No
- 6.3) Does this waste contain free liquids? (use paint filter test)  Yes  No
- 6.4) Has this waste been processed into a non-liquid form?  Yes  No  
If yes, what was the concentration of PCBs prior to processing?  N/A  0-499 ppm  500+ ppm
- 6.5) Is the non-liquid PCB waste in the form of soil, rags, debris, or other contaminated media?  Yes  No
- 6.6) Are you a PCB capacitor manufacturer or a PCB equipment manufacturer?  Yes  No
- 6.7) Has the PCB Article (e.g. transformer, hydraulic machine, PCB-contaminated electrical equipment) been drained/flushed of all PCBs and decontaminated in accordance with 40 CFR 761.60(b)?  N/A  Yes  No

Section 7 - Benzene NESHAP Information

NESHAP SIC CODES		
2812	2836	2875
2813	2841	2874
2816	2842	2891
2819	2843	2892
2821	2844	2893
2822	2851	2895
2823	2861	2899
2824	2865	2911
2833	2869	3312
2834	2873	4953
2835	2874	9511

- 7.1) Does the waste stream come from a facility with one of the SIC codes listed under the NESHAP?  Yes  No
- 7.2) Does your company manage wastes from facilities with Total Annual Benzene (TAB)  $\geq 10$  Mg/year?  Yes  No  
→ If you answered "NO" to question 7.1 AND 7.2 please skip to Section 10.
- 7.3) Does the waste contain  $>10\%$  water?  Yes  No
- 7.4) What is the TAB quantity for your facility? \_\_\_\_\_ Mg/Year
- 7.5) Does the waste contain  $>1.0$  mg/kg total Benzene?  Yes  No
- 7.6) What is the total Benzene concentration in your waste? \_\_\_\_\_ percent or \_\_\_\_\_ ppmw.

Use only TCLP analytical results. Acceptable laboratory methods include 8020, 8240, 8260, 602, and 624.

Section 8 - Waste Constituent Information

→ COMPLETE FOR MICHIGAN DISPOSAL WASTE TREATMENT PLANT AND WAYNE DISPOSAL ONLY.

- 8.1) Does this waste contain any "Potentially Odorous Constituents" as defined in the EQ Resource Guide?  Yes  No
- 8.2) Does this waste contain any MVOC constituents as defined in the EQ Resource Guide?  Yes  No
- 8.3) Is this waste subject to Subpart CC regulation (i.e. contain  $\geq 500$ ppm (VOCs) Volatile Organic Compounds)?  Yes  No  
→ If 8.1, 8.2 or 8.3 is "yes" please indicate the constituents and their concentrations in the table provided in Section 5

Section 9 - Reclamation/Recycling/Fuel Blending

→ Complete for Michigan Recovery Systems ONLY

- 9.1) Heat value (BTU/lb): \_\_\_\_\_
- 9.2) Chlorine(%): \_\_\_\_\_
- 9.3) Water (%): \_\_\_\_\_
- 9.4) Solids (%): \_\_\_\_\_

Section 10 - Certification

I certify that all information (including attachments) is complete and factual and is an accurate representation of the known and suspected hazards, pertaining to the waste described herein. I authorize EQ's Resource Team to add supplemental information to the waste approval file, provided I am contacted and give verbal permission. I authorize EQ's Resource Team to obtain a sample from any waste shipment for purposes of verification and confirmation.

Generator Signature William N. Heil Printed Name WILLIAM N. HEIL

Company NAVAL AIR STATION JRBW/WWG Grand Site ENVIRONMENTAL SPEC Date 2 June 1999

The generator's signature must appear on the EQ Waste Characterization Report. If the generator has authorized a third-party to certify this document, a written notice (on generator letterhead) must accompany this submittal. Although the EQ Resource Team is authorized to make certain modifications to the information provided on this form, the addition or removal of waste codes and waste constituents must be documented by the generator.

Handwritten: 242 374 4

**ATTACHMENT C**  
**WASTE MANIFESTS**



WASTE MANAGEMENT DIVISION  
MICHIGAN DEPARTMENT OF  
ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE  
ATT.  DIS.  REJ.  PR.

Required under authority of Part 111 of  
Part 121 of Act 451, 1994, as amended.

Failure to file may subject you to  
criminal and/or civil penalties under  
Sections 324.11151 or 324.12116 MCL.

Please print or type.

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>PA 4170000158</b>	Manifest Document No. <b>60812</b>	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address <b>NAVAL AIR STATION JEB-WILLOW GROVE BUILDING 78, CODE 89, ROUTE 611 WILLOW GROVE, PA 19090-5021</b>			4. Generator's Phone <b>215-443-6938</b>		A. State Manifest Document Number <b>MI 7760812</b>
5. Transporter 1 Company Name <b>DART TRUCKING CO. INC.</b>		6. US EPA ID Number <b>OH0009865845</b>		B. State Generator's ID <b>SAME</b>	
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID <b>PA 4170000158</b>	
9. Designated Facility Name and Site Address <b>MICHIGAN DISPOSAL WASTE TREATMENT PLANT 49350 N. I-94 SERVICE DRIVE BELLEVILLE, MI 48111</b>		10. US EPA ID Number <b>MI D000724831</b>		D. Transporter's Phone <b>215-443-6938</b>	
				E. State Transporter's ID	
				F. Transporter's Phone	
				G. State Facility's ID	
				H. Facility's Phone <b>800-592-5489</b>	

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER). HM	12. Containers		13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
	No.	Type			
a. <del>NON-HAZARDOUS, NON-REGULATED MATERIAL (PCB-CONTAMINATED SOIL)</del>		<del>DT</del>		<del>T</del>	
b. <b>X POLYCHLORINATED BIPHENYLS MIXTURE, 9, UN2315, PG II</b>	<b>1</b>	<b>DT</b>	<b>(EST) 25</b>	<b>T</b>	
c.					
d.					

J. Additional Descriptions for Materials Listed Above

**A. APPROVAL # 060499 FM**

**EMERGENCY CONTACT # 800-424-9300**

**CONTAMINATED MATERIAL FROM PRIVATE ROAD SITE.**

**ERG # 171.**

K. Handling Codes

a. \_\_\_\_\_

b. \_\_\_\_\_

c. \_\_\_\_\_

d. \_\_\_\_\_

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR; if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name <b>CARMEN VENEZIALI</b>	Signature <i>Carmen Venezia</i>	Date <b>01/08/97</b>
17. Transporter 1 Acknowledgement of Receipt of Materials		
Printed/Typed Name <b>MICHAEL J. ...</b>	Signature <i>Michael J. ...</i>	Date <b>09/01/97</b>
18. Transporter 2 Acknowledgement of Receipt of Materials		
Printed/Typed Name	Signature	Date

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT 517-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-9302 24 HOURS PER DAY.

GENERATOR

TRANSPORTER

FACILITY



WASTE MANAGEMENT DIVISION  
MICHIGAN DEPARTMENT OF  
ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE

ATT.  DIS.  REJ.  PR.

Required under authority of Part 111  
Part 121 of Act 451, 1994, as amended.

Failure to file may subject you to  
criminal and/or civil penalties under  
Sections 324.11151 or 324.12116 MCL

Please print or type.

Form Approved OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>PA 4170000158</b>	Manifest Document No. <b>60813</b>	2. Page 1 of 1	Information in the shaded area is not required by Federal law.	
3. Generator's Name and Mailing Address <b>NAVAL AIR STATION JRB-WILLOW GROVE BUILDING 78, CODE 89, ROUTE 611 WILLOW GROVE, PA 19090-5021</b>				A. State Manifest Document Number <b>MI 7760813</b>		
4. Generator's Phone ( ) <b>215-443-6938</b>				B. State Generator's ID <b>SME</b>		
5. Transporter 1 Company Name <b>DIRT TRUCKING CO TUC</b>				C. State Transporter's ID <b>TLF 43810</b>		
6. US EPA ID Number <b>MD 007865805</b>				D. Transporter's Phone <b>800 541 8006</b>		
7. Transporter 2 Company Name				E. State Transporter's ID		
8. US EPA ID Number				F. Transporter's Phone		
9. Designated Facility Name and Site Address <b>MICHIGAN DISPOSAL WASTE TREATMENT PLANT 49350 N. I-94 SERVICE DRIVE BELLEVILLE, MI 48111</b>				10. US EPA ID Number <b>MI D000724831</b>		
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER) <b>HM</b>				12. Containers	13. Total Quantity	14. Unit Wt/Vol
a. <del>NON HAZARDOUS, NON REGULATED MATERIAL</del> <del>(PCB CONTAMINATED SOIL)</del>				No. Type		I. Waste No.
b. <b>X POLYCHLORINATED BIPHENYLS MIXTURE, 9, UN2315, PG II</b>					(EST) <b>25</b>	<b>T</b>
c.						
d.						
J. Additional Descriptions for Materials Listed Above <b>A. APPROVAL # 060499 PH</b> <b>EMERGENCY CONTACT # 800-424-9300</b>				<b>CONTAMINATED MATERIAL FROM PRIVET ROAD SITE.</b> <b>ERG # 171</b>		K. Handling Codes a. b. c. d.
15. Special Handling Instructions and Additional Information						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name <b>CARMEN VENEZIALE</b>				Signature <i>Carmen Venezia</i>		Date Month Day Year <b>06 05 11</b>
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature <i>Wayne A. Kohn</i>		Date Month Day Year <b>06 05 11</b>
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature		Date Month Day Year
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.						
Printed/Typed Name				Signature		Date Month Day Year

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-252-4708 OR OUT OF STATE AT 517-373-7860 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-9802 24 HOURS PER DAY.

GENERATOR

TRANSPORTER

FACILITY

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castle, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL # 990176

TRUCK NUMBER 7

MANIFEST # \_\_\_\_\_

CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS:  
NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 78 CODE 89 ROUTE 611  
WILLOW GROVE, PA.

Site Address  
PRIVET ROAD BOWLING ALLEY

GENERATOR'S PHONE # 215-443-6938

WILLOW GROVE, PA. 19090

Est. Quantity: 22

DESCRIPTION OF MATERIAL:

NON DOT REGULATED/RCA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT. MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name CARMEN VENEZIALE

Title: HAZ/WASTE HANDLER

Signature Carm Venezia

Date: 6/7/99

TRANSPORTER

Company T&S

Phone # \_\_\_\_\_

Address \_\_\_\_\_

Gross Weight: \_\_\_\_\_

DE SW HAULERS PERMIT# 222

Tare Weight: \_\_\_\_\_

Driver \_\_\_\_\_

Net Weight: \_\_\_\_\_

(TYPE OR PRINT CLEARLY)

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind

Driver Signature \_\_\_\_\_

Date: \_\_\_\_\_

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware

Driver Signature \_\_\_\_\_

Date \_\_\_\_\_

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Authorized Signature \_\_\_\_\_

Date: \_\_\_\_\_

002

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castle, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL #990176

TRUCK NUMBER

513

MANIFEST #

CENC TICKET #

GENERATOR'S NAME & ADDRESS:  
NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 7B CODE 89 ROUTE 611  
WILLOW GROVE, PA.  
GENERATOR'S PHONE #: 215-443-6938

Site Address  
PRIVET ROAD BOWLING ALLEY

WILLOW GROVE, PA 19090

Est. Quantity: 22

DESCRIPTION OF MATERIAL:

NON DOT REGULATED/RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT. MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name: CARMEN VENEZIALE

Title: HAZ/WASTE HANDLER

Signature: *Carmen Venezia*

Date: 7 JUNE 99

TRANSPORTER

Company: TATT

Phone #: 302-1032-2147

Address: DE

Gross Weight:

DE SW HAULERS PERMIT # 27A

Tare Weight:

Driver: M. M...

Net Weight:

(TYPE OR PRINT CLEARLY)

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature: *[Signature]*

Date: 6-2-99

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Driver Signature:

Date:

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Authorized Signature:

Date:

003

CLEAN EARTH OF NEW CASTLE, INC.  
84 Pyles Lane New Castle, DE. 19720  
Tele# (302) 427-6633/800-30EARTH  
Fax# (302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)  
APPROVAL # 990176

TRUCK NUMBER \_\_\_\_\_  
MANIFEST # \_\_\_\_\_  
CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS  
NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 78 CODE B9 ROUTE 511  
WILLOW GROVE PA  
GENERATOR'S PHONE # 215-443-6938

Site Address  
PRIVET ROAD BOWLING ALLEY  
WILLOW GROVE PA 19090  
Est. Quantity: 22

DESCRIPTION OF MATERIAL:  
NON DOT REGULATED/RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT. MATERIAL

I hereby certify that the above described material is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name CARMEN VENEZIALE  
Signature Carm Venezia

Title: HAZ/WASTE HANDLER  
Date: 7 JUNE 99

TRANSPORTER  
Company: TAT

Phone # \_\_\_\_\_

Address: Bear D  
DE SW HAULERS PERMIT#077  
Driver: Scott Bricker  
(TYPE OR PRINT CLEARLY)

Gross Weight: \_\_\_\_\_  
Tare Weight: \_\_\_\_\_  
Net Weight: \_\_\_\_\_

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature: Scott Bricker

Date: 6-7-99

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 84 Pyles Lane, New Castle, Delaware.

Driver Signature \_\_\_\_\_

Date \_\_\_\_\_

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 84 Pyles Lane, New Castle, Delaware.

Authorized Signature \_\_\_\_\_

Date: \_\_\_\_\_

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castel, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)  
APPROVAL # 990176

TRUCK NUMBER JAB-2  
MANIFEST # \_\_\_\_\_  
CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS:  
NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 79 CODE 89 ROUTE 611  
WILLOW GROVE, PA  
GENERATOR'S PHONE # 215-443-0930

Site Address  
PRIVET ROAD BOWLING ALLEY  
WILLOW GROVE, PA 19090  
Est. Quantity: 22

DESCRIPTION OF MATERIAL:  
NON DOT REGULATED/RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name: CARMEN VENEZIALE  
Signature: Carm Venezia

Title: HAZ/WASTE HANDLER  
Date: 7 JUNE 99

TRANSPORTER  
Company: TAT Trucking

Phone # 302

Address: DE  
DE SW HAULERS PERMIT# 277  
Driver: MARZ

Gross Weight: \_\_\_\_\_  
Tare Weight: \_\_\_\_\_  
Net Weight: \_\_\_\_\_

(TYPE OR PRINT CLEARLY)

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind

Driver Signature: [Signature]

Date: 6-7-99

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Driver Signature: \_\_\_\_\_  
I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.  
Authorized Signature: \_\_\_\_\_

Date: \_\_\_\_\_  
Date: \_\_\_\_\_

005

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castel, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL # 990176

TRUCK NUMBER \_\_\_\_\_

MANIFEST # \_\_\_\_\_

CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS:  
NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 78 CODE 89 ROUTE 611  
WILLOW GROVE PA.  
GENERATOR'S PHONE #: 215-443-6938

Site Address  
PRIVET ROAD BOWLING ALLEY

WILLOW GROVE, PA. 19090

Est. Quantity: 2 2

DESCRIPTION OF MATERIAL:

NON DOT REGULATED/RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT. MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name: CARMEN VENEZIALE

Title: HAZ WASTE HANDLER

Signature: Carmen Venezia

Date: 7 JUL 99

TRANSPORTER

Company: Big Block Trucking

Phone # 302-492-1513

Address: Procters Purchas Rd. Hartly, DE

Gross Weight: 73280

DE SW HAULERS PERMIT # 077

Tare Weight: 23600

Driver: Edwin Munson

Net Weight: 49680

(TYPE OR PRINT CLEARLY)

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature: Edwin Munson

Date: 6-7-99

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Driver Signature \_\_\_\_\_

Date: \_\_\_\_\_

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Authorized Signature: \_\_\_\_\_

Date: \_\_\_\_\_

00A

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castle, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL #990176

TRUCK NUMBER \_\_\_\_\_

MANIFEST # \_\_\_\_\_

CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS:  
NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 7B CODE 89 ROUTE 611  
WILLOW GROVE PA

Site Address  
PRIVET ROAD BOWLING ALLEY

GENERATOR'S PHONE #: 215-443-6938

WILLOW GROVE PA 19090

Est. Quantity: 22

DESCRIPTION OF MATERIAL:

NON DOT REGULATED/RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name: CARMEN VENEZIALE

Title: HAZ WASTE HANDLE

Signature: *Carm Venezia*

Date: 7 JUNE 99

TRANSPORTER  
Company: TAT TRUCKING

Phone # 832-2667

Address: BEAR, DE 19701

Gross Weight: \_\_\_\_\_

DE SW HAZWASTE PERMIT # 011

Tare Weight: \_\_\_\_\_

Driver: ROBERT E. STEVENSON

Net Weight: \_\_\_\_\_

(TYPE OR PRINT CLEARLY)

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature: *Robert E. Stevenson*

Date: 6/7/99

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc at 94 Pyles Lane, New Castle, Delaware

Driver Signature: \_\_\_\_\_

Date: \_\_\_\_\_

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Authorized Signature: \_\_\_\_\_

Date: \_\_\_\_\_

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castel, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL #990176

TRUCK NUMBER \_\_\_\_\_

MANIFEST # \_\_\_\_\_

CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS:  
NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 78 CODE 89 ROUTE 611  
WILLOW GROVE, PA  
GENERATOR'S PHONE #: 215-443-6938

Site Address  
PRIVET ROAD BOWLING ALLEY  
WILLOW GROVE, PA 19090  
Est. Quantity: 27

DESCRIPTION OF MATERIAL:

NON DOT REGULATED/RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON CONE MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name: CARMEN VENEZIALE

Title: HAZ/WASTE HANDLER

Signature: *Carm Venezia*

Date: 7 JUNE 99

TRANSPORTER

Company: TAT Trucking

Phone # \_\_\_\_\_

Address: Bear, DE

Gross Weight: \_\_\_\_\_

DE SW HAULERS PERMIT# 0771

Tare Weight: \_\_\_\_\_

Driver: A. Winchester

Net Weight: \_\_\_\_\_

(TYPE OR PRINT CLEARLY)

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature: *A. Winchester*

Date: 6-7-99

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Driver Signature: \_\_\_\_\_

Date: \_\_\_\_\_

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Authorized Signature: \_\_\_\_\_

Date: \_\_\_\_\_

008

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castel, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL #990176

TRUCK NUMBER

285

MANIFEST #

CENC TICKET #

GENERATOR'S NAME & ADDRESS:

NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 78 CODE 89 ROUTE 611  
WILLOW GROVE, PA.

GENERATOR'S PHONE #: 215-443-6939

Site Address

PRIVET ROAD BOWLING ALLEY

WILLOW GROVE, PA. 19090

Est. Quantity: 22

DESCRIPTION OF MATERIAL:

NON DOT REGULATED/RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name: CARMEN VENEZIALE

Title: HAZ/WASTE HANDLER

Signature: *Carm Venezia*

Date: 7 JUNE 99

TRANSPORTER

Company: *TRUCKING*

Phone # *302 832 2107*

Address: *PA DE*

Gross Weight:

DE SW HAULERS PERMIT# *1000000000*

Tare Weight:

Driver: *John*

Net Weight:

(TYPE OR PRINT CLEARLY)

I hereby certify the above described material: were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature: *John*

Date: *JUN 7 1999*

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware

Driver Signature:

Title:

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Authorized Signature

Date:

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castel, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL # 990176

TRUCK NUMBER \_\_\_\_\_

MANIFEST # \_\_\_\_\_

CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS:  
NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 78 CODE-89 ROUTE 611  
WILLOW GROVE, PA  
GENERATOR'S PHONE # 215-443-6938

Site Address:  
PRIVET ROAD BOWLING ALLEY  
WILLOW GROVE, PA 19090  
Est. Quantity: 22

DESCRIPTION OF MATERIAL:

NON DOT REGULATED/RCHA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name: CARMEN VENEZIALE

Title: HAZ/WASTE HANDLER

Signature: Carmen Venezia

Date: 7 JUNE 99

TRANSPORTER

Company: TIT TRANSPORT

Phone # 302-427-1111

Address: Route 611

Gross Weight: \_\_\_\_\_

DE SW HAULERS PERMIT # \_\_\_\_\_

Tare Weight: \_\_\_\_\_

Driver: \_\_\_\_\_

Net Weight \_\_\_\_\_

(TYPE OR PRINT CLEARLY)

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature: [Signature]

Date: 6-7-99

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Driver Signature: \_\_\_\_\_

Date: \_\_\_\_\_

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Authorized Signature: \_\_\_\_\_

Date: \_\_\_\_\_

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castel, DE. 19720  
Tele#(302) 427-8833/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL #990176

TRUCK NUMBER 322

MANIFEST # \_\_\_\_\_

CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS:  
NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 78 CODE 89 ROUTE 611  
WILLOW GROVE, PA.  
GENERATOR'S PHONE #: 215-449-6938

Site Address  
PRIVET ROAD BOWLING ALLEY  
WILLOW GROVE, PA. 19090  
Est. Quantity: 2 2

DESCRIPTION OF MATERIAL:

NON DOT REGULATED/RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT. MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name: CARMEN VENEZIALE

Title: HAZ/WASTE HANDLE

Signature: Carmen Venezia

Date: 7 JUNE 99

TRANSPORTER

Company: TTT - Rebr

Phone # \_\_\_\_\_

Address: Box 212

Gross Weight: \_\_\_\_\_

DE SW HAULERS PERMIT# 177

Tare Weight: \_\_\_\_\_

Driver: James J. ...

Net Weight: \_\_\_\_\_

(TYPE OR PRINT CLEARLY)

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature: James J. ...

Date: 6/7/99

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Driver Signature: \_\_\_\_\_

Date: \_\_\_\_\_

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Authorized Signature: \_\_\_\_\_

Date: \_\_\_\_\_

011

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castel, DE. 19720  
Tele#(302) 427-6633/800-90EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)  
APPROVAL #990176

TRUCK NUMBER \_\_\_\_\_  
MANIFEST # \_\_\_\_\_  
CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS:  
NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 78 CODE B9 ROUTE 611  
WILLOW GROVE, PA.

Site Address  
PRIVET ROAD BOWLING ALLEY  
WILLOW GROVE, PA 19090  
Est. Quantity: 2 2

GENERATOR'S PHONE #: 215-443-6938

DESCRIPTION OF MATERIAL

NON DOT REGULATED/RCRA NON HAZARDOUS PETROLEUM HYDROCARBON CONT MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name: CARMEN VENEZIALE  
Signature: *Carmen Venezia*

Title: HAZ/WASTE HANDLER  
Date: 07 JUNE 99

TRANSPORTER

Company: Three Brothers Inc Phone # \_\_\_\_\_

Address: Bear Del

Gross Weight: \_\_\_\_\_

DE SW HAULERS PERMIT# 943

Tare Weight: \_\_\_\_\_

Driver: Steve Roberts  
(TYPE OR PRINT CLEARLY)

Net Weight: \_\_\_\_\_

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature: *Steve Roberts*

Date: 6-7-99

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Driver Signature: \_\_\_\_\_

Date: \_\_\_\_\_

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware

Authorized Signature: \_\_\_\_\_

Date: \_\_\_\_\_

012

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castel, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL #990176

TRUCK NUMBER \_\_\_\_\_

MANIFEST # \_\_\_\_\_

CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS:  
NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 78 CODE-89 ROUTE 611  
WILLOW GROVE PA  
GENERATOR'S PHONE #: 215-443-6938

Site Address  
PRIVET ROAD BOWLING ALLEY  
WILLOW GROVE, PA. 19090  
Est. Quantity: 22

DESCRIPTION OF MATERIAL:

NON DOT REGULATED/RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT. MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name: CARMEN VENEZILLA  
Signature: *Carmen Venezia*

Title: HAZ/WASTE HANDLER  
Date: 7 JUNE 99

TRANSPORTER

Company: *S. P. H. Inc*  
Address: \_\_\_\_\_  
DE SW HAULERS PERMIT # *115*  
Driver: \_\_\_\_\_

Phone # \_\_\_\_\_  
Gross Weight: \_\_\_\_\_  
Tare Weight: \_\_\_\_\_  
Net Weight: \_\_\_\_\_

(TYPE OR PRINT CLEARLY)

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature: *[Signature]*

Date: 6-7-99

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Driver Signature: \_\_\_\_\_  
I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.  
Authorized Signature: \_\_\_\_\_

Date: \_\_\_\_\_  
Date: \_\_\_\_\_

013

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castel, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL #990176

TRUCK NUMBER

MANIFEST #

CENC TICKET #

GENERATOR'S NAME & ADDRESS:  
NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 78 CODE 89 ROUTE 611  
WILLOW GROVE, PA  
GENERATOR'S PHONE #: 215-443-6938

Site Address  
PRIVET ROAD BOWLING ALLEY

WILLOW GROVE, PA 19090  
Est. Quantity: 22

DESCRIPTION OF MATERIAL:

NON DOT REGULATED/RCRA NON HAZARDOUS PETROLEUM HYDROCARBON CONT MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name: CARRIE VENEZIALE

Title: HAZ/WASTE HANDLER

Signature: [Handwritten Signature]

Date: 07 JUNE 99

TRANSPORTER

Company: Three Brothers

Phone #

Address: Beal DE

Gross Weight:

DE SW HAULERS PERMIT#

Tare Weight:

Driver: KAYON WATSON

Net Weight:

(TYPE OR PRINT CLEARLY)

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature: [Handwritten Signature]

Date: 6/7/99

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Driver Signature:

Date:

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Authorized Signature:

Date:

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castel, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL #990176

TRUCK NUMBER 716

MANIFEST # \_\_\_\_\_

CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS:  
NAVAL AIR STATION IRB WILLOW GROVE  
BUILDING 79 CODE 80 ROUTE 611  
WILLOW GROVE, PA.

Site Address  
PRIVET ROAD BOWLING ALLEY

WILLOW GROVE, PA. 19090

GENERATOR'S PHONE #: 215-443-6938

Est. Quantity: 2 2

DESCRIPTION OF MATERIAL:

NON DOT REGULATED/RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name CARMEN VENEZIALE

Title HAZ/WASTE HANDLER

Signature Carmen Venezia

Date: 7 JUNE 99

TRANSPORTER

Company: TEET

Phone # \_\_\_\_\_

Address: 101 W

Gross Weight: \_\_\_\_\_

DE SW HAULERS PERMIT# 227

Tare Weight: \_\_\_\_\_

Driver: 2001 10 11

Net Weight: \_\_\_\_\_

(TYPE OR PRINT CLEARLY)

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature [Signature]

Date: 6/1/99

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Driver Signature: \_\_\_\_\_

Date: \_\_\_\_\_

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Authorized Signature \_\_\_\_\_

Date: \_\_\_\_\_

015

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castle, DE. 10720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL #990176

TRUCK NUMBER \_\_\_\_\_

MANIFEST # \_\_\_\_\_

CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS:  
NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 78 CODE 89 ROUTE 611  
WILLOW GROVE, PA  
GENERATOR'S PHONE #: 215-443-6938

Site Address  
PRIVET ROAD BOWLING ALLEY  
WILLOW GROVE, PA 19090  
Est. Quantity: 22

DESCRIPTION OF MATERIAL:

NON DOT REGULATED/RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT. MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name: CARMEN VENEZIALE  
Signature: *Carmen Venezia*

Title: HAZ/WASTE HANDLER  
Date: 07 JUNE 99

TRANSPORTER  
Company: TET TRUCKING INC.

Phone #: (302) 7632-2667

Address: BEARD  
DE SW HAULES PERMIT# 077  
Driver: M. MONTEGNI  
(TYPE OR PRINT CLEARLY)

Gross Weight: \_\_\_\_\_  
Tare Weight: \_\_\_\_\_  
Net Weight: \_\_\_\_\_

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature: *[Signature]*

Date: 6-7-99

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Driver Signature: \_\_\_\_\_

Date: \_\_\_\_\_

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Authorized Signature: \_\_\_\_\_

Date: \_\_\_\_\_

016

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castel, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL #990176

TRUCK NUMBER

MANIFEST #

CENC TICKET #

GENERATOR'S NAME & ADDRESS:  
NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING-79 CODE-89 ROUTE 611  
WILLOW GROVE PA.  
GENERATOR'S PHONE #: 215-443-6938

Site Address  
PRIVET ROAD BOWLING ALLEY  
WILLOW GROVE, PA. 19090  
Est. Quantity: 22

DESCRIPTION OF MATERIAL:

NON DOT REGULATED/RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name: CARMEN VENEZIALE

Title: HAZ/WASTE HANDLER

Signature: *Carmen Venezia*

Date: 07 JUNE 99

TRANSPORTER

Company: TAT TRUCKING

Phone # 302 852-2667

Address: BEAR DE

Gross Weight:

DE SW HAULERS PERMIT # 077

Tare Weight:

Driver: *Mark F. [unclear]*  
(TYPE OR PRINT CLEARLY)

Net Weight:

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind

Driver Signature: *[Signature]*

Date: 6-7-99

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Driver Signature: \_\_\_\_\_

Date: \_\_\_\_\_

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware

Authorized Signature: \_\_\_\_\_

Date: \_\_\_\_\_

017

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castel, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL #990176

TRUCK NUMBER 11151

MANIFEST # \_\_\_\_\_

CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS:

NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 79 CODE 89 ROUTE 611  
WILLOW GROVE, PA.

GENERATOR'S PHONE #: 215-443-6938

Site Address

BRIVET ROAD BOWLING ALLEY

WILLOW GROVE, PA. 19090

Est. Quantity: 22

DESCRIPTION OF MATERIAL:

NON DOT REGULATED/RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name: CARMEN VENEZIALE

Title: HAZ WASTE HANDLER

Signature: Carmen Venezia

Date: 07 JUNE 99

TRANSPORTER  
Company: 141 TRUCKING

Phone # 832-2667

Address: BEAR, DE 19701

Gross Weight: \_\_\_\_\_

DE SW HAHERS PERMIT# 077  
Driver: ROBERT E. STEVENSON

Tare Weight: \_\_\_\_\_

Net Weight: \_\_\_\_\_

(TYPE OR PRINT CLEARLY)

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature: [Signature]

Date: 6/7/99

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Driver Signature: \_\_\_\_\_

Date: \_\_\_\_\_

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Authorized Signature: \_\_\_\_\_

Date: \_\_\_\_\_

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castel, DE. 19720  
Tele# (302) 427-6633/800-30EARTH  
Fax# (302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL # 990176

TRUCK NUMBER 288

MANIFEST # \_\_\_\_\_

CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS  
NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 7B CODE-B9 ROUTE 611  
WILLOW GROVE, PA.  
GENERATOR'S PHONE #: 215-443-6938

Site Address  
PRIVET ROAD BOWLING ALLEY  
WILLOW GROVE, PA. 19090  
Est. Quantity: 2 2

DESCRIPTION OF MATERIAL:

NON-DOT REGULATED/RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT. MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name: CARMEN VENEZIALE  
Signature: Carm Venezia

Title: HAZ/WASTE HANDLER  
Date: 07 JUNE 99

TRANSPORTER  
Company: TAT TRUCKING

Phone # 302-832-2667

Address: BEAR, DE  
DE SW HAULERS PERMIT# DE 1000771  
Driver: TONY LIPSON

Gross Weight: \_\_\_\_\_  
Tare Weight: \_\_\_\_\_  
Net Weight: \_\_\_\_\_

(TYPE OR PRINT CLEARLY)

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature: [Signature]

Date: 6/7/99

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Driver Signature: \_\_\_\_\_

Date: \_\_\_\_\_

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Authorized Signature: \_\_\_\_\_

Date: \_\_\_\_\_

CLEAN EARTH OF NEW CASTLE, INC.  
84 Pyles Lane New Castle, DE. 19720  
Tel#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL #990176

TRUCK NUMBER \_\_\_\_\_

MANIFEST # \_\_\_\_\_

CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS:  
NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 78 CODE 89 ROUTE 611  
WILLOW GROVE, PA.  
GENERATOR'S PHONE #: 215-443-6938

Site Address  
PRIVET ROAD BOWLING ALLEY

WILLOW GROVE, PA. 19090

Est. Quantity: 2 2

DESCRIPTION OF MATERIAL:

NON DOT REGULATED/RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT. MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name: CARMEN VENEZIALE  
Signature: Carm Venezia

Title: HAZ WASTE HANDLER  
Date: 07 JUNE 99

TRANSPORTER

Company: Big Block Trucking  
Address: \_\_\_\_\_  
DE SW HAULERS PERMIT# \_\_\_\_\_  
Driver: 017

Phone # 302-492-1513  
Gross Weight: \_\_\_\_\_  
Tare Weight: \_\_\_\_\_  
Net Weight: \_\_\_\_\_

*(TYPE OR PRINT CLEARLY)*  
I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature: Edwin Munson

Date: 6-7-99

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Driver Signature: \_\_\_\_\_

Date: \_\_\_\_\_

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Authorized Signature: \_\_\_\_\_

Date: \_\_\_\_\_

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castel, DE. 19720  
Tele# (302) 427-8633/800-30EARTH  
Fax# (302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL # 990176

TRUCK NUMBER \_\_\_\_\_

MANIFEST # \_\_\_\_\_

CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS:

NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 78 CODE 89 ROUTE 611  
WILLOW GROVE, PA

Site Address:

PRIVET ROAD BOWLING ALLEY

GENERATOR'S PHONE # 215-443-8938

WILLOW GROVE, PA 19090

Est. Quantity: 22

DESCRIPTION OF MATERIAL:

NON DOT REGULATED/RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name: CARMEN VENEZIALE

Title: HAZ WASTE HANDLER

Signature: Carmen Venezia

Date: 67 JUNE 99

TRANSPORTER

Company: TST TRACKING

Phone # 312 632 2067

Address: Bowl

Gross Weight: \_\_\_\_\_

DE SW HAULERS PERMIT# 177

Tare Weight: \_\_\_\_\_

Driver: J. W. Waster

Net Weight: \_\_\_\_\_

(TYPE OR PRINT CLEARLY)

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature: \_\_\_\_\_

Date: 6-17-99

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc at 94 Pyles Lane, New Castle, Delaware.

Driver Signature: \_\_\_\_\_

Date: \_\_\_\_\_

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Authorized Signature: \_\_\_\_\_

Date: \_\_\_\_\_

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castle, DE. 19720  
Tel#(302) 427-6633/800-30EARTH  
Fax#(302) 427-0634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL # 990176

TRUCK NUMBER \_\_\_\_\_

MANIFEST # \_\_\_\_\_

CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS:  
NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 78 CODE-B9 ROUTE 611  
WILLOW GROVE PA  
GENERATOR'S PHONE #: 215-443-6938

Site Address  
PRIVET ROAD BOWLING ALLEY  
WILLOW GROVE, PA, 19090  
Est. Quantity: 2 2

DESCRIPTION OF MATERIAL:

NON DOT REGULATED/RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT.MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name CARMEN VENEZIALE

Title HAZ/WASTE HANDLER

Signature Carmen Venezia

Date: 07 JUNE 99

TRANSPORTER

Company: IAT Trucking

Phone # 215-222-4447

Address: 2nd St 111

Gross Weight: \_\_\_\_\_

DE SW HAULERS PERMIT# 111

Tare Weight: \_\_\_\_\_

Driver: \_\_\_\_\_

Net Weight: \_\_\_\_\_

(TYPE OR PRINT CLEARLY)

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature: [Signature]

Date: 6/7/99

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Driver Signature: \_\_\_\_\_

Date: \_\_\_\_\_

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Authorized Signature: \_\_\_\_\_

Date: \_\_\_\_\_

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castel, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL #990176

TRUCK NUMBER 926

MANIFEST # \_\_\_\_\_

CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS  
NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 78 CODE 89 ROUTE 611  
WILLOW GROVE, PA.  
GENERATOR'S PHONE #: 215-443-6938

Site Address  
PRIVET ROAD BOWLING ALLEY  
WILLOW GROVE, PA. 19090  
Est. Quantity 22

DESCRIPTION OF MATERIAL:

NON DOT REGULATED/RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT. MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name: CARMEN VENEZIALI

Title: HAZ/WASTE HANDLER

Signature: Carmen Venezia

Date: 07 JUNE 99

TRANSPORTER

Company: TAT (Pocket)

Phone # \_\_\_\_\_

Address: 8 P... ..

Gross Weight: \_\_\_\_\_

DE SW HAULERS PERMIT# →

Tare Weight: \_\_\_\_\_

Driver: \_\_\_\_\_  
(TYPE OR PRINT CLEARLY)

Net Weight: \_\_\_\_\_

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature: [Signature]

Date: 6/7/99

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Driver Signature: \_\_\_\_\_

Date: \_\_\_\_\_

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Authorized Signature: \_\_\_\_\_

Date: \_\_\_\_\_

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castel, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL #990176

TRUCK NUMBER \_\_\_\_\_

MANIFEST # \_\_\_\_\_

CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS  
NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 78 CODE 89 ROUTE 611  
WILLOW GROVE, PA.  
GENERATOR'S PHONE #: 215-443-6938

Site Address  
PRIVET ROAD BOWLING ALLEY  
WILLOW GROVE, PA 19090  
Est. Quantity: 2.2

DESCRIPTION OF MATERIAL:

NON DOT REGULATED/RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name: CARMEN VENEZIALE  
Signature: Carmen Venezia

Title: HAZ/WASTE  
Date: 07 JUNE 99

TRANSPORTER

Company: TAT

Phone # 302 932 2007

Address: Bear DE

Gross Weight: \_\_\_\_\_

DE SW HAULERS PERMIT # 071

Tare Weight: \_\_\_\_\_

Driver: [Signature]  
(TYPE OR PRINT CLEARLY)

Net Weight: \_\_\_\_\_

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature: [Signature]

Date: [Signature]

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Driver Signature: \_\_\_\_\_

Date: \_\_\_\_\_

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Authorized Signature: \_\_\_\_\_

Date: \_\_\_\_\_

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castel, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL #990176

TRUCK NUMBER \_\_\_\_\_

MANIFEST # \_\_\_\_\_

CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS:

NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 78 CODE-B9 ROUTE 611  
WILLOW GROVE, PA

Site Address

PRIVET ROAD BOWLING ALLEY

GENERATOR'S PHONE #: 215-443-6938

WILLOW GROVE, PA 19090

Est. Quantity: 22

DESCRIPTION OF MATERIAL:

NON DOT REGULATED/RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT. MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name CARMEN VENERIALE

Title: HAZ WASTE HANDLER

Signature Carmen Veneriale

Date: 07 JUNE 99

TRANSPORTER

Company: A T

Phone # \_\_\_\_\_

Address: \_\_\_\_\_

Gross Weight: \_\_\_\_\_

DE SW HAULERS PERMIT# \_\_\_\_\_

Tare Weight: \_\_\_\_\_

Driver: \_\_\_\_\_

Net Weight: \_\_\_\_\_

(TYPE OR PRINT CLEARLY)

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature: [Signature]

Date: \_\_\_\_\_

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Driver Signature \_\_\_\_\_

Date: \_\_\_\_\_

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Authorized Signature \_\_\_\_\_

Date: \_\_\_\_\_

025

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castel, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL #990176

TRUCK NUMBER

MANIFEST #

CENC TICKET #

GENERATOR'S NAME & ADDRESS  
NAVAL AIR STATION IRB WILLOW GROVE  
BUILDING 78 CODE-89 ROUTE 611  
WILLOW GROVE PA.

GENERATOR'S PHONE #: 215-443-6938

DESCRIPTION OF MATERIAL

NON DCF REGULATED/RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name: CARMEN VENEZIALE

Signature: *Carmen Venezia*

Title: HAZ/WASTE HANDLER

Date: 07 JUNE 99

TRANSPORTER

Company: *Truck*

Phone #: *302 75 1111*

Address: *1234*

Gross Weight: \_\_\_\_\_

DE SW HAULERS PERMIT# \_\_\_\_\_

Tare Weight: \_\_\_\_\_

Driver: *M. FERT*

Net Weight: \_\_\_\_\_

(TYPE OR PRINT CLEARLY)

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature: \_\_\_\_\_

Date: \_\_\_\_\_

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Driver Signature: \_\_\_\_\_

Date: \_\_\_\_\_

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Authorized Signature: \_\_\_\_\_

Date: \_\_\_\_\_

026

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castle, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL #990176

TRUCK NUMBER JAB-2

MANIFEST # \_\_\_\_\_

CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS:  
NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 78 CODE 89 ROUTE 611  
WILLOW GROVE, PA.  
GENERATOR'S PHONE #: 215-443-6938

Site Address  
PRIVET ROAD BOWLING ALLEY  
WILLOW GROVE, PA. 19090  
Est. Quantity: 22

DESCRIPTION OF MATERIAL:  
NON DOT REGULATED/RCBA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name CARMEN VENEZIALE  
Signature: Carm Venezia

Title: HAZ/WASTE HANDLER  
Date: 07 JUNE 99

TRANSPORTER  
Company: TAT Trucking  
Address: \_\_\_\_\_  
DE SW HAULERS PERMIT# 027  
Driver: \_\_\_\_\_  
(TYPE OR PRINT CLEARLY)

Phone # 302 200 2067  
Gross Weight: \_\_\_\_\_  
Tare Weight: \_\_\_\_\_  
Net Weight: \_\_\_\_\_

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature: \_\_\_\_\_

Date: 6-99

DESTINATION  
I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Driver Signature: \_\_\_\_\_  
I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware  
Authorized Signature: \_\_\_\_\_

Date: \_\_\_\_\_  
Date: \_\_\_\_\_

027

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castel, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL #990176

TRUCK NUMBER \_\_\_\_\_

MANIFEST # \_\_\_\_\_

CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS:  
NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 78 CODE 89 ROUTE 611  
WILLOW GROVE, PA.

Site Address  
PRIVET ROAD BOWLING ALLEY

GENERATOR'S PHONE #: 215-443-6938

WILLOW GROVE, PA. 19090

Est. Quantity: 22

DESCRIPTION OF MATERIAL:

NON DOT REGULATED/RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT. MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name: CARMEN VENEZIALE  
Signature: Carmen Venezia

Title: HAZ WASTE HANDLER  
Date: 07 JUNE 97

TRANSPORTER

Company: TAT

Phone # 302 832 2667

Address: Bear Dr

Gross Weight: \_\_\_\_\_

DE SW HAULERS PERMIT # 077

Tare Weight: \_\_\_\_\_

Driver: Scott Brunley

Net Weight: \_\_\_\_\_

(TYPE OR PRINT CLEARLY)

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature: Scott Brunley

Date: 6-8-97

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware

Driver Signature: \_\_\_\_\_

Date: \_\_\_\_\_

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Authorized Signature: \_\_\_\_\_

Date: \_\_\_\_\_

078

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castel, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL #990176

TRUCK NUMBER \_\_\_\_\_

MANIFEST # \_\_\_\_\_

CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS:

NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 79 CODE-89 ROUTE 611  
WILLOW GROVE PA

GENERATOR'S PHONE #: 215-443-6938

Site Address

PRIVET ROAD BOWLING ALLEY

WILLOW GROVE, PA 19090

Est. Quantity: 22

DESCRIPTION OF MATERIAL:

NON DOT REGULATED/RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT. MATERIAL

I hereby certify that the above described material: is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name CARMEN VENEZIALE

Title: HAZ WASTE HANDLER

Signature: Carmen Venezia

Date: 07 JUNE 99

TRANSPORTER

Company: TAT Towing Co

Phone # 302-835-8617

Address: Beard DE 19701

Gross Weight: \_\_\_\_\_

DE SW HAULERS PERMIT# 577

Tare Weight: \_\_\_\_\_

Driver: Michael J. ...

Net Weight: \_\_\_\_\_

(TYPE OR PRINT CLEARLY)

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature: Michael J. ...

Date: 6.8.99

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware

Driver Signature: \_\_\_\_\_

Date: \_\_\_\_\_

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware

Authorized Signature: \_\_\_\_\_

Date: \_\_\_\_\_

029

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castle, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL #990176

TRUCK NUMBER \_\_\_\_\_

MANIFEST # \_\_\_\_\_

CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS:  
NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 7B CODE 89 ROUTE 611  
WILLOW GROVE, PA.  
GENERATOR'S PHONE #: 215-443-6938

Site Address  
PRIVET ROAD BOWLING ALLEY  
WILLOW GROVE, PA. 19090  
Est. Quantity: 22

DESCRIPTION OF MATERIAL:

NON DOT REGULATED/RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT. MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name: CARMEN VENEZIALE  
Signature: *Carmen Venezia*

Title: HAZ/WASTE HANDLER  
Date: 08 JUNE 99

TRANSPORTER

Company \_\_\_\_\_

Phone # \_\_\_\_\_

Address: \_\_\_\_\_

Gross Weight: \_\_\_\_\_

DE SW HAULERS PERMIT# \_\_\_\_\_

Tare Weight: \_\_\_\_\_

Driver: \_\_\_\_\_

Net Weight: \_\_\_\_\_

(TYPE OR PRINT CLEARLY)

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature: \_\_\_\_\_

Date: 6 \_\_\_\_\_

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Driver Signature: \_\_\_\_\_

Date: \_\_\_\_\_

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Authorized Signature: \_\_\_\_\_

Date: \_\_\_\_\_

030

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castel, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL #990176

TRUCK NUMBER \_\_\_\_\_

MANIFEST # \_\_\_\_\_

CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS:

NAVY AIR STATION JRB WILLOW GROVE  
BUILDING 78 CODE 89 ROUTE 611  
WILLOW GROVE, PA.

Site Address

PRIVET ROAD BOWLING ALLEY

GENERATOR'S PHONE #: 215-443-6938

WILLOW GROVE, PA. 19090

Est. Quantity: 2 2

DESCRIPTION OF MATERIAL:

NON DOT REGULATED/RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT. MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name: CARMEN VENEZIALE

Title: HAZ WASTE HANDLER

Signature: *Carmen Venezia*

Date: 08 JUNE 99

TRANSPORTER

Company: \_\_\_\_\_

Phone #: \_\_\_\_\_

Address: \_\_\_\_\_

Gross Weight: \_\_\_\_\_

DE SW HAULERS PERMIT# \_\_\_\_\_

Tare Weight: \_\_\_\_\_

Driver: \_\_\_\_\_

Net Weight: \_\_\_\_\_

(TYPE OR PRINT CLEARLY)

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind

Driver Signature: \_\_\_\_\_

Date: \_\_\_\_\_

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware

Driver Signature: \_\_\_\_\_

Date: \_\_\_\_\_

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Authorized Signature: \_\_\_\_\_

Date: \_\_\_\_\_

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castel, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427 6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL # 990176

TRUCK NUMBER \_\_\_\_\_

MANIFEST # \_\_\_\_\_

CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS  
NAVY AIR STATION JRB WILLOW GROVE  
BUILDING 78 CODE 89 ROUTE 611  
WILLOW GROVE, PA.

Site Address  
PRIVET ROAD BOWLING ALLEY

WILLOW GROVE, PA 19090

GENERATOR'S PHONE # 215-443-6938

Est. Quantity 22

DESCRIPTION OF MATERIAL:

NON DOT REGULATED / RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON LIQNT MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name CARMEN VENEZIALE

Title HAZ/WASTE HANDLER

Signature Carmen Venezia

Date 08 JUNE 99

TRANSPORTER

Company \_\_\_\_\_

Phone # \_\_\_\_\_

Address \_\_\_\_\_

Gross Weight: \_\_\_\_\_

DE SW HAULERS PERMIT# \_\_\_\_\_

Tare Weight: \_\_\_\_\_

Driver \_\_\_\_\_

Net Weight \_\_\_\_\_

(TYPE OR PRINT CLEARLY)

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature \_\_\_\_\_

Date \_\_\_\_\_

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Driver Signature \_\_\_\_\_

Date \_\_\_\_\_

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware

Authorized Signature \_\_\_\_\_

Date \_\_\_\_\_

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castle, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

TRUCK NUMBER

APPROVAL #990176

MANIFEST #

CENC TICKET #

GENERATOR'S NAME & ADDRESS:

NAVAL AIR STATION 100 WILLOW GROVE  
BUILDING 78 CODE 99 ROUTE 611  
WILLOW GROVE PA

Site Address

EBBET ROAD BOWLING ALLEY

WILLOW GROVE PA 19090

GENERATOR'S PHONE # 215-443-6938

Est. Quantity: 2.2

DESCRIPTION OF MATERIAL:

NON DOT REGULATED/RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT. MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name: CARMEN VEVEZIALE

Title: HAZ/WASTE HANDLER

Signature: *Carmen Veziale*

Date: 08 JUNE 99

TRANSPORTER

Company: TAT

Phone # 302-736-2100

Address: Pyles Lane

Gross Weight:

DE SW HAULERS PERMIT # 227

Tare Weight:

Driver: *[Signature]*

Net Weight:

(TYPE OR PRINT CLEARLY)

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature: *[Signature]*

Date:

DESTINATION

I hereby certify that the above described material was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Driver Signature:

Date:

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Authorized Signature:

Date:

033

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castel, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL #990176

TRUCK NUMBER

MANIFEST #

CENC TICKET #

GENERATOR'S NAME & ADDRESS:  
NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 79 CODE 89 ROUTE 611  
WILLOW GROVE, PA  
GENERATOR'S PHONE # 215-443-6948

Site Address  
PRIVET ROAD BOWLING ALLEY  
WILLOW GROVE, PA 19090  
Est. Quantity: 2.7

DESCRIPTION OF MATERIAL:

NON DOT REGULATED/RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name: CARMEN VENEZIALE  
Signature: *Carm Venezia*

Title: HAZ WASTE HANDLER  
Date: 08 JUNE 99

TRANSPORTER

Company: *...*

Phone #

Address:

Gross Weight:

DE SW HAILERS PERMIT#

Tare Weight:

Driver: *...*

Net Weight:

(TYPE OR PRINT CLEARLY)

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tangering of any kind.

Driver Signature: *...*

Date: *...*

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Driver Signature:

Date:

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Authorized Signature:

Date:

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane, New Castle, DE 19720  
Tele# (302) 427-6633/800-30EARTH  
Fax# (302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

TRUCK NUMBER

APPROVAL #990176

MANIFEST #

CENC TICKET #

GENERATOR'S NAME & ADDRESS

NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 79 CODE 00 ROUTE 611  
WILLOW GROVE PA

Site Address

PIVET ROAD BOWLING ALLEY

WILLOW GROVE PA 19090

GENERATOR'S PHONE # 215-443-6938

Est. Quantity: 22

DESCRIPTION OF MATERIAL:

NON-DOT REGULATED/RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT. MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name: CARMEN VENEZIALE

Title: HAZ/WASTE HANDLER

Signature: *Carmen Venezia*

Date: 08 JUNE 99

TRANSPORTER

Company: TAT TRUCKING

Phone # (302) 832-2617

Address: BARR DE 17701

Gross Weight:

DE SW HAULERS PERMIT # DT7

Tare Weight:

Driver: ROBERT E. STEVENSON  
(TYPE OR PRINT CLEARLY)

Net Weight:

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind

Driver Signature: *Robert E. Stevenson*

Date: 6/14/99

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Driver Signature

Date:

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Authorized Signature:

Date:

034

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castle, DE 19720  
Tele#(302) 427-6633/000-30EARTH  
Fax#(302) 427-0634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL #990176

TRUCK NUMBER

MANIFEST #

CENC TICKET #

GENERATOR'S NAME & ADDRESS

NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 78 CODE 89 ROUTE 611  
WILLOW GROVE, PA

Site Address

PRIVET ROAD BOWLING ALLEY

GENERATOR'S PHONE # 215-443-6938

WILLOW GROVE, PA 19780

Est. Quantity: 2 2

DESCRIPTION OF MATERIAL:

NON DOT REGULATED/RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT MATERIAL

I hereby certify that the above described material is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name:

CARMEN VENEZIALE

Title:

HAZ WASTE HANDLER

Signature:

*Carmen Venezia*

Date:

08 JUNE 99

TRANSPORTER

Company:

Phone #

Address:

Gross Weight:

DE SW HAULERS PERMIT #

Tare Weight:

Driver:

Net Weight:

(TYPE OR PRINT CLEARLY)

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind

Driver Signature:

Date:

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Driver Signature:

Date:

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Authorized Signature:

Date:

036

CLEAN EARTH OF NEW CASTLE, INC.

94 Pyles Lane New Castle, DE 19720

Tele# (302) 427-6633/600-30EARTH

Fax# (302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL #990176

TRUCK NUMBER

MA51

MANIFEST #

CENC TICKET #

GENERATOR'S NAME & ADDRESS:

NAVAL AIR STATION IRB WILLOW GROVE

BUILDING 29 CODE 82 ROUTE 811

WILLOW GROVE, PA

GENERATOR'S PHONE # 215-447-6938

Site Address

BRIVET ROAD BOWLING ALLEY

WILLOW GROVE, PA 19090

Est. Quantity: 7.2

DESCRIPTION OF MATERIAL:

NON DOT REGULATED/RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name CARMEN VENEZIALE

Title: HAZ/WASTE HANDLER

Signature: Carmen Venezia

Date: 08/14 JUNE 99

TRANSPORTER

Company: JAT TRUCKING

Phone # 302-332-3177

Address: BMD DE 11701

Gross Weight:

DE SW HAULERS PERMIT #277

Tare Weight:

Driver: (TYPE OR PRINT CLEARLY)

Net Weight:

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature: [Signature]

Date: 6/14/99

DESTINATION

I hereby certify that the above described material was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Driver Signature:

Date:

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Authorized Signature:

Date:

037

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castle, DE 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6694

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL #990176

TRUCK NUMBER

MANIFEST #

CENC TICKET #

GENERATOR'S NAME & ADDRESS  
NAVYAL AIR STATION JBD WILLOW GROVE  
BUILDING 752 CODE 89 ROUTE 811  
WILLOW GROVE, PA  
GENERATOR'S PHONE # 610-449-6938

Site Address  
FRIVET ROAD BOWLING ALLEY  
WILLOW GROVE, PA 19140  
Est. Quantity 72

DESCRIPTION OF MATERIAL:

NON OIL REGULATED, GRA. NON-HAZARDOUS PETROLEUM HYDROCARBON LIQUID MATERIAL  
I hereby certify that the above described material is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCBs as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name: CARMEN VENEZALE  
Signature: *Carmen Venezale*

Title: HAZ WASTE HANDLER  
Date: 8/14 JUNE 99

TRANSPORTER

Company: TAT Transport  
Address: 1300 W. ...  
DE SW HAULERS PERMIT# 22  
Driver: *David ...*  
(TYPE OR PRINT CLEARLY)

Phone #  
Gross Weight:  
Tare Weight:  
Net Weight:

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature: *David ...*

Date:

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Receiver Signature:  
I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.  
Authorized Signature:

Date:  
Date:

03

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castle, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL #990176

TRUCK NUMBER

401

MANIFEST #

CENC TICKET #

GENERATOR'S NAME & ADDRESS  
NAVAL AIR STATION JRS WILLOW GROVE  
BUILDING 78 CODE 89 ROUTE 611  
WILLOW GROVE, PA.

Site Address  
PRIVET ROAD BOWLING ALLEY

GENERATOR'S PHONE # 215-443-6938

WILLOW GROVE, PA 19090

Est. Quantity: 22

DESCRIPTION OF MATERIAL:

NON DCL REGULATED/RCA NON HAZARDOUS PETROLEUM HYDROCARBON CONT MATERIAL

I hereby certify that the above described materials are not hazardous waste as defined by 40 CFR Part 261 nor is it enumerated by EPCRA as defined by 40 CFR part 261. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name: CARMEN VENEZIALE

Title: HAZ WASTE HANDLER

Signature: *Carmen Venezia*

Date: 08 JUNE 99

TRANSPORTER

Company: *T...*

Phone #: *...*

Address: *...*

Gross Weight: *...*

Driver: *...*

Tare Weight: *...*

Driver Signature: *...*

Net Weight: *...*

(TYPE OR PRINT CLEARLY)

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature: *...*

Date: *...*

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware

Receiver Signature: *...*

Date: *...*

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware

Authorized Signature: *...*

Date: *...*

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castel, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-0034

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL #990176

TRUCK NUMBER

401

MANIFEST #

CENC TICKET #

GENERATOR'S NAME & ADDRESS  
NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 78 CODE 89 ROUTE 611  
WILLOW GROVE, PA  
GENERATOR'S PHONE #: 215-443-6998

Site Address  
PRIVET ROAD BOWLING ALLEY  
WILLOW GROVE, PA 19090  
Est. Qunty 2.2

DESCRIPTION OF MATERIAL:

NON DOT REGULATED, RCRA NON-HAZARDOUS, PETROLEUM HYDROCARBON CONT. MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCBs as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided by Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name: CARMEN VENEZIALE  
Signature: *Carmen Venezia*

Title: HAZ/WASTE HANDLER  
Date: 07 JULY 99

TRANSPORTER

Name: *John J. ...*  
Address: *...*  
Driver: *...*  
(TYPE OR PRINT CLEARLY)

Phone: *...*  
Gross Weight:  
Tare Weight:  
Net Weight:

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature: *...*

Date: 7-7-99

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Driver Signature: \_\_\_\_\_

Date: \_\_\_\_\_

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Authorized Signature: \_\_\_\_\_

Date: \_\_\_\_\_

040

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castle, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL #990176

TRUCK NUMBER 401

MANIFEST # \_\_\_\_\_

CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS:

NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 75 CODE-82 ROUTE 611  
WILLOW GROVE PA

Site Address

PRIVET ROAD BOWLING ALLEY

WILLOW GROVE, PA 19090

GENERATOR'S PHONE # 215-443-6038

Est. Quantity: 22

DESCRIPTION OF MATERIAL:

NEW DEL REGULATED RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON OIL MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCBs as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name CARMEN VENEZIALE

Title HAZ/WASTE HANDLER

Signature Carmen Venezia

Date JULY 99

TRANSPORTER

Company \_\_\_\_\_

Phone # \_\_\_\_\_

Address \_\_\_\_\_

Gross Weight: \_\_\_\_\_

DE SVT MILERS PERMIT # \_\_\_\_\_

Tare Weight: \_\_\_\_\_

Driver \_\_\_\_\_

Net Weight \_\_\_\_\_

(TYPE OR PRINT CLEARLY)

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature \_\_\_\_\_

Date \_\_\_\_\_

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware

Driver Signature \_\_\_\_\_

Date \_\_\_\_\_

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware

Authorized Signature \_\_\_\_\_

Date \_\_\_\_\_

CLEAN EARTH OF NEW CASTLE, INC.

94 Pyles Lane New Castel, DE. 19720

Tele#(302) 427-6633/800-30EARTH

Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

401

(TYPE OR PRINT CLEARLY)

APPROVAL #990176

TRUCK NUMBER

MANIFEST #

CENC TICKET #

GENERATOR'S NAME & ADDRESS:

NAVAL AIR STATION JRB WILLOW GROVE

BUILDING 738 CODE 89 ROUTE 611

WILLOW GROVE, PA

Site Address

PRIVET ROAD BOWLING ALLEY

WILLOW GROVE, PA 19080

GENERATOR'S PHONE # 215-443-6938

Est. Quantity: 22

DESCRIPTION OF MATERIAL:

NON DOT REGULATED/RCA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT. MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCBs as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name CARMEN VENEZIALE

Title HAZWASTE MANAGER

Signature *Carmen Venezia*

Date JUL 28 99

TRANSPORTER

Company TAT, INC. CR 222

Phone # (302) 322-1111

Address Box D

Gross Weight:

DE SW HAZARDOUS PERMIT#

Tare Weight:

Driver *Shelby J. Jolly*  
(TYPE OR PRINT CLEARLY)

Net Weight:

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without incurrence of any kind.

Driver Signature *Shelby J. Jolly*

Date 7-8-99

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware

Driver Signature

Date

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware

Authorized Signature

Date

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castel, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL #990176

TRUCK NUMBER 401

MANIFEST # \_\_\_\_\_

CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS  
NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 7B CODE 89 ROUTE 611  
WILLOW GROVE, PA  
GENERATOR'S PHONE # 215-443-6939

Site Address  
PRIVET ROAD BOWLING ALLEY  
WILLOW GROVE, PA 19090  
Est. Quantity 2.2

DESCRIPTION OF MATERIAL:

NON DUE REGULATED/CRA NON HAZARDOUS PETROLEUM HYDROCARBON CONT MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name CARMEN VENEZIALE  
Signature Carmen Venezia

Title HAZ/WASTE HANDLER  
Date JULY 97

TRANSPORTER  
Company TAT Inc/SA

Phone # \_\_\_\_\_

Address 3120 V...

Gross Weight: \_\_\_\_\_

DE SW HAULER'S PERMIT # 077

Tare Weight: \_\_\_\_\_

Driver 2211 G.S. 11  
(TYPE OR PRINT CLEARLY)

Net Weight: \_\_\_\_\_

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind

Driver Signature [Signature]

Date 7-5-97

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Driver Signature \_\_\_\_\_

Date \_\_\_\_\_

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Authorized Signature \_\_\_\_\_

Date \_\_\_\_\_

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castle, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL # 990176

TRUCK NUMBER 212 #401

MANIFEST # \_\_\_\_\_

CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS:

NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 73 CODE 89 ROUTE 611  
WILLOW GROVE PA

Site Address

PRIVET ROAD BOWLING ALLEY

GENERATOR'S PHONE # 315-449-8938

WILLOW GROVE, PA. 19060

Est. Quantity: 22

DESCRIPTION OF MATERIAL:

NON DOT REGULATED / RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON LIQUID MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name CARMEN VENEZIALI

Title HQZ WASTE HANDLER

Signature [Signature]

Date JUL 7 99

TRANSPORTER

Company TAT INC.

Phone # 302 732-9661

Address B-25 D

Gross Weight: \_\_\_\_\_

DESBY HAZARDOUS PERMIT # 571

Tare Weight: \_\_\_\_\_

Driver [Signature]

Net Weight: \_\_\_\_\_

(TYPE OR PRINT CLEARLY)

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature [Signature]

Date 7-7-99

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware

Driver Signature \_\_\_\_\_

Date 7-7-99

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware

Authorized Signature \_\_\_\_\_

Date \_\_\_\_\_

044

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castle, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL # 990176

TRUCK NUMBER 410

MANIFEST # \_\_\_\_\_

CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS:  
NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 27E CODE 89 ROUTE 011  
WILLOW GROVE, PA  
GENERATOR'S PHONE # 215-443-6935

Site Address  
PRIVET ROAD BOWLING ALLEY  
WILLOW GROVE, PA 19080  
Est Quantity 2.2

DESCRIPTION OF MATERIAL:

NON-REGULATED/RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON CONTAINING

This entry certifies that the above described material is not a hazardous waste as defined by 40 CFR Part 261 and is not contaminated by PCBs as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name \_\_\_\_\_  
Signature \_\_\_\_\_

Title \_\_\_\_\_  
Date \_\_\_\_\_

TRANSPORTER

Company \_\_\_\_\_  
Address \_\_\_\_\_  
OF DM HAZARDOUS PERMIT # 71  
Driver Steve  
(TYPE OR PRINT CLEARLY)

Phone # 717-233-1177  
Gross Weight \_\_\_\_\_  
Tare Weight \_\_\_\_\_  
Net Weight \_\_\_\_\_

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature [Signature]

Date 7-12-99

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware

Driver Signature \_\_\_\_\_  
I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware  
Authorized Signature \_\_\_\_\_

Date \_\_\_\_\_  
Date \_\_\_\_\_

045

79

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castle, DE. 19720  
Tele# (302) 427-6633/800-30EARTH  
Fax# (302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL #990176

TRUCK NUMBER

MANIFEST #

CENC TICKET #

GENERATOR'S NAME & ADDRESS

NAVY AIR STATION JRB WILLOW GROVE  
BUILDING 78 CODE 89 ROUTE 611  
WILLOW GROVE PA

GENERATOR'S PHONE # 215-443-6908

Site Address

PRIVET ROAD BOWLING ALLEY

WILLOW GROVE, PA 19090

Est. Quantity 22

DESCRIPTION OF MATERIAL:

NON-FLUORINATED/BCRA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT. MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCBs as defined by 40 CFR part 751. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name \_\_\_\_\_

Title \_\_\_\_\_

Signature \_\_\_\_\_

Date \_\_\_\_\_

TRANSPORTER

Company \_\_\_\_\_

Phone # \_\_\_\_\_

Address \_\_\_\_\_

Gross Weight \_\_\_\_\_

DE SIGNATURE'S PERMIT # \_\_\_\_\_

tare Weight \_\_\_\_\_

Driver \_\_\_\_\_

Net Weight \_\_\_\_\_

(TYPE OR PRINT CLEARLY)

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature \_\_\_\_\_

Date 2-12-99

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Driver Signature \_\_\_\_\_

Date \_\_\_\_\_

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Authorized Signature \_\_\_\_\_

Date \_\_\_\_\_

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castle, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL # 990176

TICKET NUMBER \_\_\_\_\_

MANIFEST # \_\_\_\_\_

CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS:

NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 78 CODE-82 ROUTE 611  
WILLOW GROVE, PA

Site Address

PIVET ROAD BOWLING ALLEN  
WILLOW GROVE, PA 19080

GENERATOR'S PHONE # 215-443-6938

Est. Quantity: 22

DESCRIPTION OF MATERIAL

NON DOT REGULATED OTHER NON-HAZARDOUS PETROLEUM LIQUOR, ARBON CONT. MATERIAL

This by certifying the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and determined to be suitable for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name \_\_\_\_\_

Title \_\_\_\_\_

Signature \_\_\_\_\_

Date \_\_\_\_\_

TRANSPORTER

Company Name \_\_\_\_\_

Phone # \_\_\_\_\_

Address \_\_\_\_\_

Gross Weight: \_\_\_\_\_

DE SW HAMILL'S PERMIT # \_\_\_\_\_

tare Weight: \_\_\_\_\_

Driver \_\_\_\_\_

Net Weight \_\_\_\_\_

(TYPE OR PRINT CLEARLY)

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature \_\_\_\_\_

Date \_\_\_\_\_

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware

Driver signature \_\_\_\_\_

Date \_\_\_\_\_

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Authorized Signature \_\_\_\_\_

Date \_\_\_\_\_

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castel, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL #990176

TRUCK NUMBER \_\_\_\_\_

MANIFEST # \_\_\_\_\_

CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS:

NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 73 CODE-89 ROUTE 611  
WILLOW GROVE, PA

Site Address

PRIVET ROAD BOWLING ALLEY  
WILLOW GROVE, PA 19090

GENERATOR'S PHONE # 215-443-6938

Est. Quantity: 2 2

DESCRIPTION OF MATERIAL:

NON DOT REGULATED/RCA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT MATERIAL

I hereby certify that the above described materials are not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name \_\_\_\_\_

Title \_\_\_\_\_

Signature \_\_\_\_\_

Date \_\_\_\_\_

TRANSPORTER

Company \_\_\_\_\_

Phone # \_\_\_\_\_

Address \_\_\_\_\_

Gross Weight: \_\_\_\_\_

DE SW HAZULERS PERMIT# \_\_\_\_\_

Tare Weight: \_\_\_\_\_

Driver \_\_\_\_\_

Net Weight: \_\_\_\_\_

(TYPE OR PRINT CLEARLY)

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature \_\_\_\_\_

Date 7-18-97

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Driver Signature \_\_\_\_\_

Date \_\_\_\_\_

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Authorized Signature: \_\_\_\_\_

Date: \_\_\_\_\_

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castle, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)  
APPROVAL # 990176

TICKET NUMBER \_\_\_\_\_  
MANIFEST # \_\_\_\_\_  
CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS:  
NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 78 CODE 89 ROUTE 611  
WILLOW GROVE PA  
GENERATOR'S PHONE # 215-443-6906

Site Address  
PRIVET ROAD BOWLING ALLEY  
WILLOW GROVE, PA 19090  
Est. Quantity 22

DESCRIPTION OF MATERIAL  
NON DOT REGULATED/RCRA NON HAZARDOUS PETROLEUM HYDROCARBON CONT MATERIAL

I hereby certify that the above described materials is not hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name \_\_\_\_\_  
Signature \_\_\_\_\_

Title \_\_\_\_\_  
Date 3/13/97

TRANSPORTER  
Company TRUCKING  
Address Delaware  
OR SM TRAILERS PERMIT# \_\_\_\_\_  
Driver James L. Smith  
(TYPE OR PRINT CLEARLY)

Phone # \_\_\_\_\_  
Gross Weight: \_\_\_\_\_  
Tare Weight: \_\_\_\_\_  
Net Weight \_\_\_\_\_

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature James L. Smith

Date 3-13-97

DESTINATION  
I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware

Driver Signature \_\_\_\_\_  
I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware  
Authorized Signature \_\_\_\_\_

Date \_\_\_\_\_  
Date \_\_\_\_\_

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CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castel, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL #990176

TRUCK NUMBER 466

MANIFEST # \_\_\_\_\_

CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS

NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 79 CODE 89 ROUTE 611  
WILLOW GROVE PA

Site Address

FRIVET ROAD BOWLING ALLEY

GENERATOR'S PHONE # 215-443-6938

WILLOW GROVE, PA 19090

Est. Quantity: 22

DESCRIPTION OF MATERIAL:

NON-DRY REGULATED, CORROSIVE, NON-HAZARDOUS PETROLEUM HYDROCARBON CONT. MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it recognized by PCBs as defined by 40 CFR part 261. Additionally it is the same material which was analyzed and described in the application for the permit presented to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Date \_\_\_\_\_

Title \_\_\_\_\_

Signature \_\_\_\_\_

Date \_\_\_\_\_

TRANSPORTER

Company \_\_\_\_\_

Truck # 466

Address \_\_\_\_\_

Gross Weight: \_\_\_\_\_

GEN. TRAILER'S PERMIT # \_\_\_\_\_

Tare Weight: \_\_\_\_\_

Driver \_\_\_\_\_

Net Weight: \_\_\_\_\_

(TYPE OR PRINT CLEARLY)

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature \_\_\_\_\_

Date \_\_\_\_\_

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware

Receiver Signature \_\_\_\_\_

Date \_\_\_\_\_

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware

Authorized Signature \_\_\_\_\_

Date \_\_\_\_\_

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castle, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL # 990176

TRUCK NUMBER \_\_\_\_\_

MANIFEST # \_\_\_\_\_

CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS  
NAVAL AIR STATION JRB WILLOW GROVE  
BUILDING 78 CODE 89 ROUTE 611  
WILLOW GROVE, PA  
GENERATOR'S PHONE # 215-443-6938

Site Address  
PRIVET ROAD BOWLING ALLEY  
WILLOW GROVE, PA 19090  
Est. Quantity: 22

DESCRIPTION OF MATERIAL:

NON-OIL REGULATED RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON LIQUEFIED MATERIAL  
I hereby certify that the above described material is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCBs as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which is entitled to the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name \_\_\_\_\_  
Signature \_\_\_\_\_

Title \_\_\_\_\_  
Date \_\_\_\_\_

TRANSPORTER

Company \_\_\_\_\_  
Address \_\_\_\_\_  
DE SW HAVLER'S PERMIT # \_\_\_\_\_  
Driver \_\_\_\_\_

Plate # \_\_\_\_\_  
Gross Weight: \_\_\_\_\_  
Tare Weight: \_\_\_\_\_  
Net Weight: \_\_\_\_\_

(TYPE OR PRINT CLEARLY)

I hereby certify the above described materials were picked up at the above described generator address without accident and will be delivered without tampering of any kind.

Driver Signature: [Signature]

Date 2-12-79

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware

Driver Signature: \_\_\_\_\_

Date \_\_\_\_\_

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware

Authorized Signature \_\_\_\_\_

Date \_\_\_\_\_

57

**CLEAN EARTH OF NEW CASTLE, INC.**

94 Pyles Lane New Castel, DE. 19720

Tele#(302) 427-6633/800-30EARTH

Fax#(302) 427-6634

**NON-HAZARDOUS MATERIALS MANIFEST**

(TYPE OR PRINT CLEARLY)

APPROVAL # 990176

TRUCK NUMBER \_\_\_\_\_

MANIFEST # 1

CENC TICKET # \_\_\_\_\_

**GENERATOR'S NAME & ADDRESS**

NAVY AIR STATION IRB WILLOW GROVE

BUILDING 78 CODE 89 ROUTE 611

WILLOW GROVE PA

GENERATOR'S PHONE # 215-443-6938

Site Address \_\_\_\_\_

DRIVET ROAD BOWLING ALLEY

WILLOW GROVE PA 19090

Est. Quantity: 2 2

**DESCRIPTION OF MATERIAL:**

NON DOT REGULATED/RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT MATERIAL

I hereby certify that the above described materials are not hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined in 40 CFR part 261. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which is listed in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name \_\_\_\_\_

Title \_\_\_\_\_

Signature \_\_\_\_\_

Date 5

**TRANSPORTER**

Company ATI

Phone # \_\_\_\_\_

Address Delaware

Gross Weight: \_\_\_\_\_

OR TOW HAULER'S PERMIT # \_\_\_\_\_

Tare Weight: \_\_\_\_\_

Driver [Signature]

Net Weight: \_\_\_\_\_

(TYPE OR PRINT CLEARLY)

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature \_\_\_\_\_

Date 2-3-99

**DESTINATION**

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware

Driver Signature \_\_\_\_\_

Date \_\_\_\_\_

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware

Authorized Signature \_\_\_\_\_

Date \_\_\_\_\_

CLEAN EARTH OF NEW CASTLE, INC.  
94 Pyles Lane New Castel, DE. 19720  
Tele#(302) 427-6633/800-30EARTH  
Fax#(302) 427-6634

NON-HAZARDOUS MATERIALS MANIFEST

(TYPE OR PRINT CLEARLY)

APPROVAL # 990176

TRUCK NUMBER JAP-2

MANIFEST # \_\_\_\_\_

CENC TICKET # \_\_\_\_\_

GENERATOR'S NAME & ADDRESS

NAVAL AIR STATION JRB WILLOW GROVE

BUILDING 78 CODE-B9 ROUTE 611

WILLOW GROVE, PA

GENERATOR'S PHONE # 215-443-6930

Site Address

PRIVET ROAD BOWLING ALLEY

WILLOW GROVE, PA 19090

Est. Quantity: 22

DESCRIPTION OF MATERIAL:

NON DOT REGULATED/RCRA NON-HAZARDOUS PETROLEUM HYDROCARBON CONT MATERIAL

I hereby certify that the above described materials is not a hazardous waste as defined by 40 CFR Part 261 nor is it contaminated by PCB as defined by 40 CFR part 761. Additionally it is the same material which was analyzed and described in the application for treatment provided to Clean Earth of New Castle, Inc. which resulted in the approval number listed above. It is properly classified and packaged for transportation in accordance with applicable regulations.

Name: [Signature]

Title: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: 7-19-99

TRANSPORTER

Company: TAT Trucking

Phone # 302-2667

Address: BEAR DE

Gross Weight: \_\_\_\_\_

DE SW HAULERS PERMIT# 077

Tare Weight: \_\_\_\_\_

Driver: Mark F. [Signature]

Net Weight: \_\_\_\_\_

(TYPE OR PRINT CLEARLY)

I hereby certify the above described materials were picked up at the above described generator address without incident and will be delivered without tampering of any kind.

Driver Signature: [Signature]

Date: 7-19-99

DESTINATION

I hereby certify that the above described materials was delivered to Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Driver Signature: \_\_\_\_\_

Date: \_\_\_\_\_

I hereby certify that the above described material has been accepted at Clean Earth of New Castle, Inc. at 94 Pyles Lane, New Castle, Delaware.

Authorized Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**ATTACHMENT D**

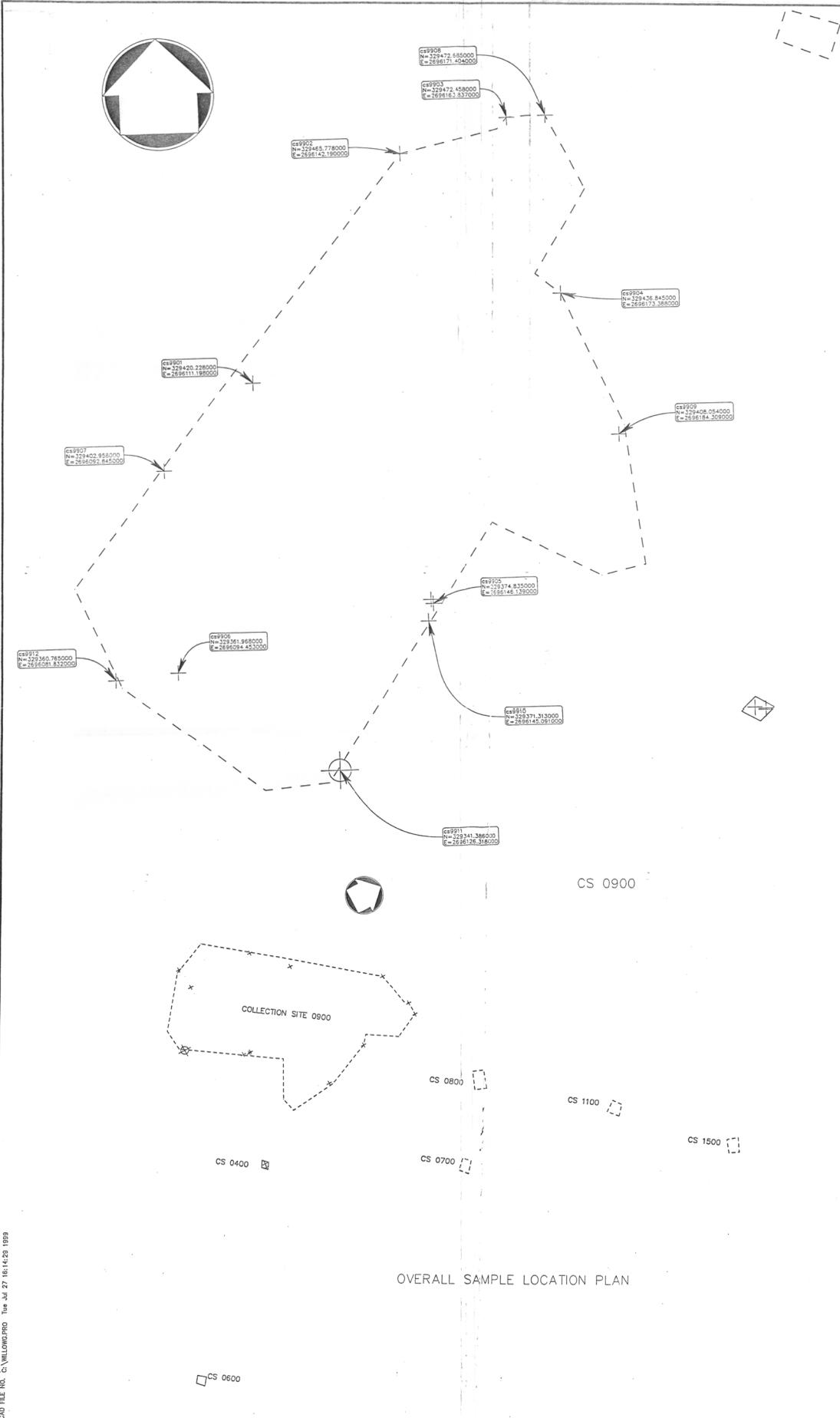
**LISTING OF SURVEYED CONFIRMATORY SAMPLE LOCATIONS  
AND SAMPLE LOCATION MAP**

**US NAVY - NORTHERN DIVISION RAC  
WILLOW GROVE NAS - PRIVET ROAD  
Listing of PCB Soil Sample Survey Coordinates**

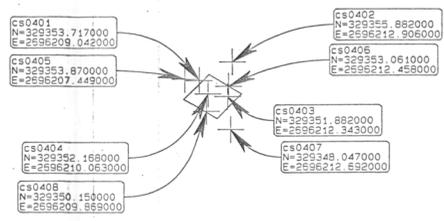
SITE	SAMPLE ID	NORTHING	EASTING
01	CS-0101	329420.228	2896111.198
	CS-0102	329465.778	2696142.190
	CS-0103	329472.458	2696163.837
	CS-0104	329436.845	2696173.388
	CS-0105	329374.835	2696146.139
	CS-0106	329361.968	2696094.453
	CS-0107	329402.958	2696092.845
	CS-0108	329472.685	2696171.404
	CS-0109	329408.054	2696184.309
	CS-0110	329371.313	2696145.091
	CS-0111	329341.386	2696126.318
	CS-0112	329360.765	2696081.832
04	CS-0401	329353.717	2696209.042
	CS-0402	329355.882	2696212.906
	CS-0403	329351.882	2696212.343
	CS-0404	329352.168	2696210.063
	CS-0405	329353.870	2696207.449
	CS-0406	329353.061	2696212.458
	CS-0407	329348.047	2696212.692
	CS-0408	329350.150	2696209.869
06	CS-0601	329259.234	2696305.996
	CS-0602	329260.326	2696307.433
	CS-0603	329256.824	2696309.185
	CS-0604	329257.261	2696305.094
	CS-0605	329259.845	2696304.450
	CS-0606	329259.894	2696309.258
	CS-0607	329258.430	2696310.342
	CS-0608	329254.309	2696305.005
07	CS-0701	329489.931	2696220.310
	CS-0702	329490.055	2696225.699
	CS-0703	329486.820	2696230.168
	CS-0704	329483.889	2696223.509
	CS-0705	329488.918	2696219.016
	CS-0706	329492.345	2696225.286
	CS-0707	329486.234	2696229.954
	CS-0708	329483.509	2696223.842

SITE	SAMPLE ID	NORTHING	EASTING
08	CS-0801	329459.226	2696261.804
	CS-0802	329457.513	2696267.259
	CS-0803	329454.039	2696269.086
	CS-0804	329455.171	2696264.582
	CS-0805	329458.111	2696261.726
	CS-0806	329459.052	2696268.766
	CS-0807	329453.019	2696270.261
	CS-0808	329454.253	2696264.320
11	CS-1101	329553.446	2696274.678
	CS-1102	329552.978	2696279.475
	CS-1103	329548.571	2696278.202
	CS-1104	329548.638	2696274.930
	CS-1105	329552.798	2696274.309
	CS-1106	329553.380	2696279.903
	CS-1107	329547.645	2696279.459
	CS-1108	329548.086	2696274.829
15	CS-1501	329604.563	2696327.407
	CS-1502	329605.507	2696332.065
	CS-1503	329600.398	2696335.014
	CS-1504	329600.219	2696330.402
	CS-1505	329604.071	2696326.772
	CS-1506	329605.980	2696333.417
	CS-1507	329600.281	2696335.435
	CS-1508	329599.857	2696330.287

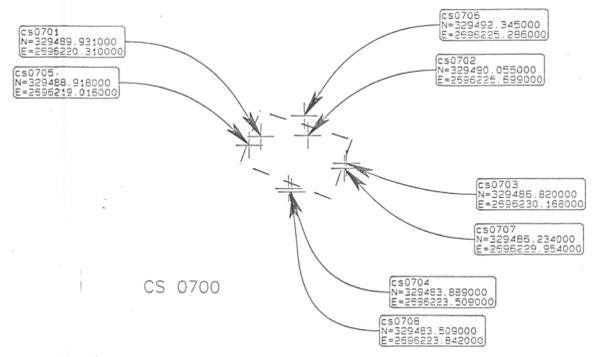
*Notes:* Locations surveyed by Lippincott, Jacobs & Gouda  
1983 PA State Plane Coordinates



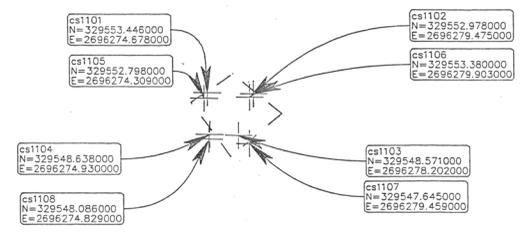
OVERALL SAMPLE LOCATION PLAN



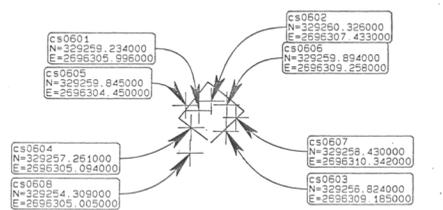
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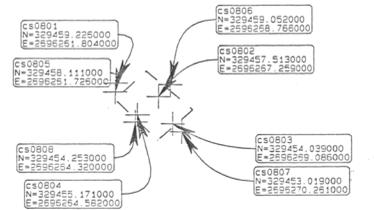
CS 0700



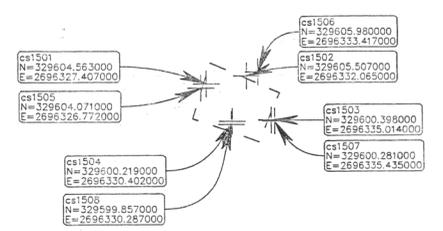
CS 1100



CS 0600

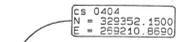


CS 0800



CS 1500

LEGEND



SAMPLE LOCATION, NUMBER  
NORTHING AND EASTING COORDINATES  
1983 PENNSYLVANIA STATE PLANE COORDINATES

NOTE

- SAMPLE POINTS WERE LOCATED USING TRIMBLE PRO XR/XRS RECEIVER. DIFFERENTIALLY CORRECTED FROM NJDEP BASE STATION IN TRENTON, NJ.

NO	DATE	REVISION	DRN	CHK

Lippincott Engineering Associates, Inc. T/A  
**LIPPINCOTT  
JACOBS & GOUDA**  
Consulting Engineers

(609) 461-1239

SAMPLE COLLECTION PLAN -AS-BUILT  
WILLOW GROVE NAVAL AIR STATION  
LANDS SITUATE IN  
WILLOW GROVE, PENNSYLVANIA  
PREPARED FOR  
FOSTER WHEELER