400 Main Street
East Hartford, Connecticut 06108

Pratt & Whitney
A United Technologies Company

February 23, 1998

RCRA RECORDS CENTER
FACILITY Pratt & Whitney
I.D. NO. CTD990672208 V
FILE LOC. R-5
OTHER RDMS #2212

U.S. EPA Region I
JFK Federal Building
Mail Code HBT
One Congress Street
Boston, MA 02203

Attn: Mr. Juan Perez

RE: Submittals:
1. **PCB Information - Storage Area 3**
2. **Unit Specific Technical Memoranda (USTM's):**
   North and South Klondike Areas

Dear Mr. Perez:

Please find enclosed a copy of the PCB Report relating to operations of the containment building which you have requested from both Jody Klenk and myself. I appreciate your patience while waiting for the report, I am confident it will answer any questions you may have had concerning PCB findings during the containment building operations. Also included in this submittal are USTM's for the following areas:

North Klondike:
- Explosives Storage Area
  - Fill Area
  - Explosives Storage Building
  - Outside Chemical Storage Shed
- M.E.R.L. Area
  - Fire Training Area "D"
  - M.E.R.L. Dry Well

South Klondike:
- Firing Range Area
  - Firing Range
- Undeveloped Land Area
  - Undeveloped Land Debris Pile Area

My tenure as Jody Klenk's temporary replacement is now ending as a permanent replacement has been hired for this position. Future correspondence can be directed to Vanessa Riva at the same number that Jody and I had (860-565-9445). I hope to contact you by phone for an introduction to Vanessa prior to you receiving this submittal. If you have any questions Juan, I can be reached at 860-565-5517. It has been a pleasure working with you.

Sincerely,

Joseph J. Tota
Project Engineer
Loureiro Engineering Associates (LEA)

pc: Troy J. Charlton, Pratt & Whitney
Vanessa Riva, Pratt & Whitney
Thomas J. Salimeno PE, LEA

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North Klondike:

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- Outside Chemical Storage Shed

M.E.R.L. Area
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- M.E.R.L. Dry Well

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DRAFT

UNIT SPECIFIC TECHNICAL MEMORANDUM: FILL AREA
PRATT & WHITNEY, EAST HARTFORD, CT

AREA: North Klondike

SUB-AREA: Explosives Storage Area

DRAFT

ENVIRONMENTAL UNIT: Fill Area

Location: North Klondike (Suntan) Area; fifth road south on north access road, from Perimeter Road (Drawing ___).

Description: Filling of a low area adjacent to wetlands (or possibly within the edge of the wetlands) occurred for unknown reasons; the exact dimensions are unavailable.

Dates of Operation: Late 1950s to early 1980's.

Processes: Filling with possible materials from around the Klondike Area.

Specific Contaminants of Concern: Jet fuels, cleaning solvents, and heavy metals based on the usage of the Sub-Area.

Area-wide Classes of Contaminants: Volatile organic compounds (VOCs) and the RCRA 8 metals plus nickel and zinc.

Potential Release Mechanism: Impacts to soils and groundwater associated with potential leaching from the fill.

INVESTIGATION AND REMEDIATION ACTIVITIES:

Due to the potential for a release associated with the fill area, a subsurface investigation to determine the degree and extent of soil contamination was performed in August 1996. The investigation included a test pit in the vicinity of the fill area. Prior to 1996, no investigation of the fill area had reportedly been performed.

August 1996 Investigation (LEA):

Description: On August 19, 1996, a test pit (NK-TP-03) was advanced with a backhoe to a depth of 7 feet in the fill area. The test pit was advance into the water table, which was encountered at six feet. Soil samples were collected from the side walls (above the water table) and the bottom of the test pit, as shown on Figure ___.

A total of six soil samples were submitted to the LEA Analytical Laboratory and screened for the presence of select VOCs. Based on visual, olfactory, or instrument evidence, and consideration of the potential release mechanism, two samples from the test pit were submitted to Averill

Environmental Laboratory, Inc. (AEL) and analyzed for the presence of VOCs and the RCRA 8 metals plus nickel and zinc. Total petroleum hydrocarbons (TPH) and semivolatile organic compounds (SVOCs) were not included because they were not expected to be present in the fill area. A summary of the samples collected and analyses performed during this investigation is included in Table 1.

Investigation Results: Based on the test pit log, the fill area consisted of fine to medium sand, with varying amounts of silt, containing cinder blocks. No visual or olfactory evidence of petroleum was noted in test pit NK-TP-03.

Concentrations of constituents detected in soil samples collected for this unit are presented in Table 2. No VOCs were detected in the soil samples submitted to the LEA Analytical Laboratory or to AEL. One or more of the metals analyzed were detected in each of the two samples submitted for analysis. These metals include barium, chromium, and zinc.

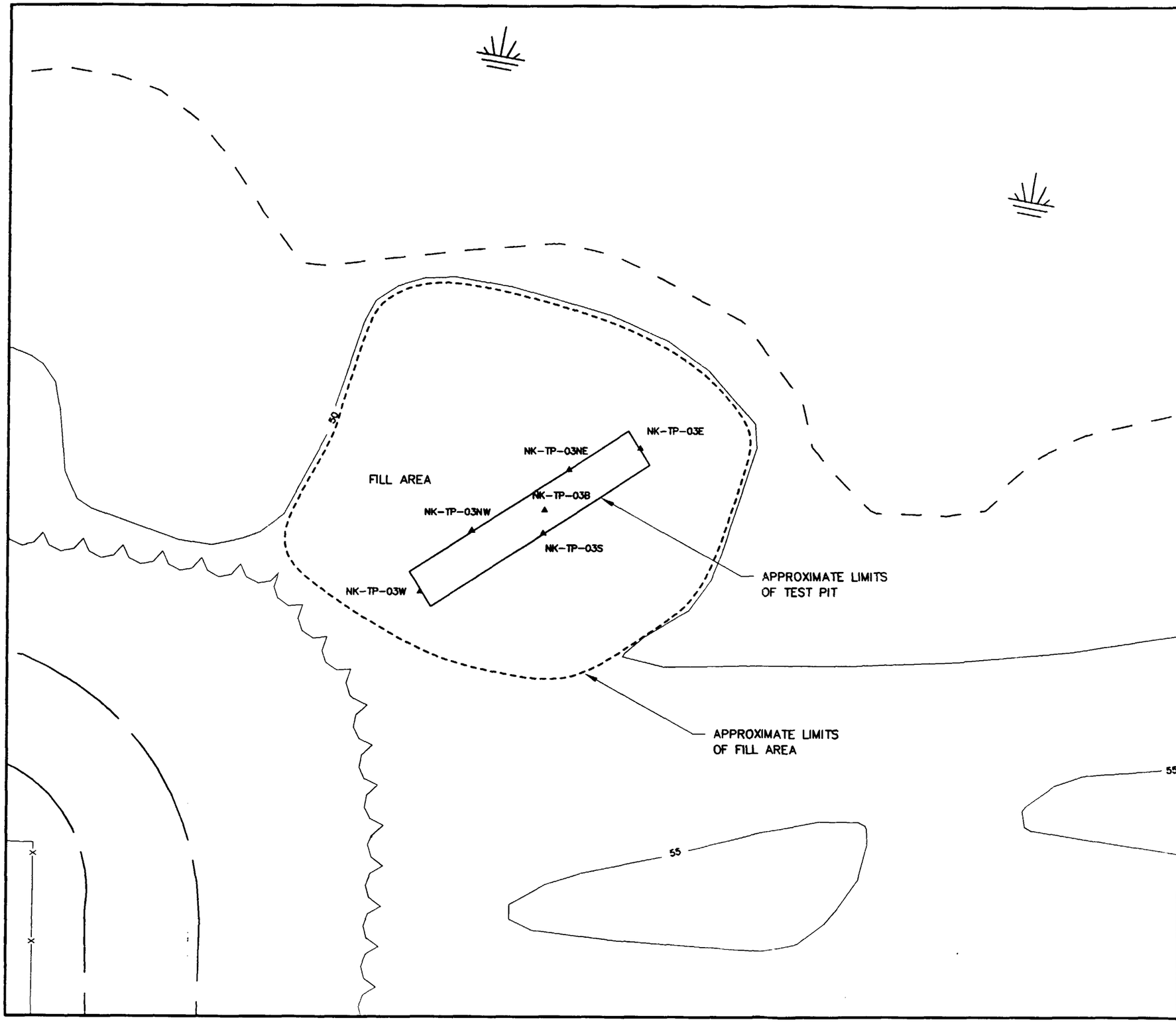
Data Evaluation and Conclusions: Based on field observations and the laboratory results, this area has been adequately characterized and there is no evidence that a release has occurred.

The data were compared against the default numeric criteria included in the Connecticut Remediation Standard Regulation (RSR) and the site-specific background soil concentrations for the North Klondike for various inorganic constituents (Fuss & O'Neill, 1994). This evaluation of the soils data is based on a comparison to the residential and industrial/commercial direct exposure criteria (DEC), the GB pollutant mobility criteria (PMC) included in the RSR, as well as the site-specific background soil concentrations.

The concentrations of the metals detected in these samples are typical of "Walpole Soils" background concentrations and are not indicative of a release from this unit. For the metals detected in soil, no exceedances of the residential or industrial/commercial direct exposure criteria were noted.

PROPOSED ACTIONS:

Adequate characterization has been performed to address possible releases in the fill area. For the constituents for which adequate characterization was performed, no exceedances of default numeric criteria were detected, and no further evaluation or remedial activity is warranted.



LEGEND

- MONITORING WELL
- SOIL BORING
- MICROWELL
- VAPOR EXTRACTION WELL
- SOIL SAMPLE
- SEDIMENT/SLUDGE SURFACE WATER SAMPLE
- TEST PIT

LOCATION IDENTIFIER	CA-5D		
CHEMICAL NAME	PCE	3900 ug/kg *	10-12
	PCE	100 ug/l	10-12
	As	8.25 mg/kg	10-12
	As SPLP	0.010 mg/l	10-12
	Ba	0.028 ug/l	10-12

DEPTH IN FEET

HIGHEST CONCENTRATION OF CONSTITUENT DETECTED IN BORING

NOTES:
SOIL UNITS ARE ug/kg or mg/kg
GROUNDWATER UNITS ARE ug/l or mg/l
SPLP UNITS ARE mg/l

* Indicates analysis by mobile laboratory

ABBREVIATIONS

VOCs

Acetone	ACT
Benzene	BZ
Carbon disulfide	CDIS
Chlorobenzene	CBZ
Chloroform	CFM
Chloroethane	CEA
1,2-Dichlorobenzene	2DCB
1,3-Dichlorobenzene	3DCB
1,4-Dichlorobenzene	4DCB
1,1-Dichloroethane	11DCA
1,2-Dichloroethane	12DCA
1,1-Dichloroethylene	11DCE
1,2-Dichloroethylene	12DCE
Cis-1,2-Dichloroethylene	CDCE
Trans-1,2-Dichloroethylene	TDCE
Ethylbenzene	EBZ
Methyl chloride(Chloromethane)	MCM
Methylene chloride	MC
Methyl ethyl ketone	MEK
Methyl-tert-butyl ether	MTBE
Tetrachloroethylene	PCE
1,1,2,2-Tetrachloroethane	1122TTCA
Toluene	TL
1,1,1-Trichloroethane	TCA
1,1,2-Trichloroethane	112TCA
Trichloroethylene	TCE
Vinyl chloride	VC
Xylenes	XYL

SVOCs

Anthracene	ANTH
Acenaphthene	ACN
Acenaphthylene	ACNE
Benzo[a]anthracene	BA
Benzo[a]pyrene	BAP
Benzo[b]fluoranthene	BBF
Benzo[ghi]perylene	BGP
Benzo[k]fluoranthene	BKF
Bis(2ethylhexyl)phthalate	DEHP
Butyl benzyl phthalate	BBP
Chrysene	CRYS
Dibenzo[a,h]anthracene	DBA
Di-n-butyl phthalate	DBP
Flouranthene	FA
Fluorene	FLE
Indeno(1,2,3-cd)pyrene	IP
Napthalene	NAP
Phenanthrene	PHN
Pyrene	PYR

METALS

Arsenic	As	Lead	Pb
Barium	Ba	Mercury	Hg
Beryllium	Be	Nickel	Ni
Cadmium	Cd	Selenium	Se
Chromium (total)	Cr	Silver	Ag
Copper	Cu	Zinc	Zn

MISC.

Total Petroleum Hydrocarbons	TPH
Polychlorinated Biphenyl	PCB

5 0 5 10 15
SCALE IN FEET

N

AIRPORT/KLONDIKE INVESTIGATION
PRATT & WHITNEY, EAST HARTFORD, CT
EXPLOSIVES STORAGE AREA
FILL AREA
LOCATION & CONSTITUENTS DETECTED MAP

Comm.No.	FIG.	LEA

EXPLOFA 4-23-97

Table 1
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION
P&W East Hartford: Explosives Storage Area - Fill Area

Sample Information						Analysis Information								
Location ID	Sample ID	Sample Date	From (ft)	To (ft)	Class	Portable GC	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides	PCBs	Metals	Extraction	Miscellaneous
NK-TP-03B	1017472	8/19/96	7.2		SS	x								
NK-TP-03E	1017477	8/19/96	4.0		SS	x	x					X		
NK-TP-03NE	1017474	8/19/96	4.4		SS	x								
NK-TP-03NW	1017473	8/19/96	4.3		SS	x								
NK-TP-03S	1017475	8/19/96	4.4		SS	x	x					X		
NK-TP-03W	1017476	8/19/96	5.1		SS	x								

Notes: 1. Legend: X - Analysed; at least one analyte over the detection limit; x - Analysed, no analytes in group over the detection limit
2. Printed on 10/03/1997

LEA

Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOIL
P&W East Hartford: Explosives Storage Area - Fill Area

	Location ID	NK-TP-03E	NK-TP-03S					
	Sample ID	1017477	1017475					
	Sample Date	08/19/1996	08/19/1996					
	Sample Time	15:42	15:35					
	Sample Depth	4.0'	4.4'					
	Laboratory	AEL	AEL					
	Lab. Number	AEL96009460	AEL96009459					
Constituent	Units							
Date Metals Analyzed	-	09/03/1996	09/03/1996					
Barium	mg/kg	29.7	18					
Chromium	mg/kg	6.64						
Zinc	mg/kg	22	13.9					

Notes: 1. Only Detects Shown
2. Printed on 10/03/1997

LEA

LEA Data Management

Location Identifier NK-TP-03B

Location Identifier NK-TP-03B
Sample Date 8/19/96
Sample Identifier 1017472 15:20 At 7.2 Soil Sample

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<6.52	µg/kg		LEA	96-4093-020	Volatile Organics
Ethylbenzene (mobile)	ND<14.0	µg/kg		LEA	96-4093-020	Volatile Organics
Tetrachloroethylene (mobile)	ND<17.6	µg/kg		LEA	96-4093-020	Volatile Organics
Toluene (mobile)	ND<9.84	µg/kg		LEA	96-4093-020	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<176	µg/kg		LEA	96-4093-020	Volatile Organics
Trichloroethylene (mobile)	ND<17.3	µg/kg		LEA	96-4093-020	Volatile Organics

Location Identifier NK-TP-03E
Sample Date 8/19/96
Sample Identifier 1017477 15:42 At 4.0 Soil Sample

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<1.25	mg/kg		AEL	AEL96009460	Metals
Barium	29.7	mg/kg		AEL	AEL96009460	Metals
Cadmium	ND<3.76	mg/kg		AEL	AEL96009460	Metals
Chromium	6.64	mg/kg		AEL	AEL96009460	Metals
Lead	ND<25	mg/kg		AEL	AEL96009460	Metals
Mercury	ND<0.25	mg/kg		AEL	AEL96009460	Metals
Nickel	ND<12.5	mg/kg		AEL	AEL96009460	Metals
Selenium	ND<1.25	mg/kg		AEL	AEL96009460	Metals
Silver	ND<6.26	mg/kg		AEL	AEL96009460	Metals
Zinc	22	mg/kg		AEL	AEL96009460	Metals
Acetone	ND<35	µg/kg		AEL	AEL96009460	Volatile Organics
Acrolein	ND<17	µg/kg		AEL	AEL96009460	Volatile Organics
Acrylonitrile	ND<17	µg/kg		AEL	AEL96009460	Volatile Organics
Benzene	ND<7.0	µg/kg		AEL	AEL96009460	Volatile Organics
Benzene (mobile)	ND<9.70	µg/kg		LEA	96-4102-035	Volatile Organics
Bromobenzene	ND<7.0	µg/kg		AEL	AEL96009460	Volatile Organics
Bromoform	ND<7.0	µg/kg		AEL	AEL96009460	Volatile Organics
Carbon Disulfide	ND<7.0	µg/kg		AEL	AEL96009460	Volatile Organics
Carbon Tetrachloride	ND<7.0	µg/kg		AEL	AEL96009460	Volatile Organics
Chlorobenzene	ND<7.0	µg/kg		AEL	AEL96009460	Volatile Organics
Chlorodibromomethane	ND<7.0	µg/kg		AEL	AEL96009460	Volatile Organics
Chloroethane	ND<7.0	µg/kg		AEL	AEL96009460	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<7.0	µg/kg		AEL	AEL96009460	Volatile Organics
Chloroform	ND<7.0	µg/kg		AEL	AEL96009460	Volatile Organics
Chlorotoluene,o-	ND<7.0	µg/kg		AEL	AEL96009460	Volatile Organics
Chlorotoluene,p-	ND<7.0	µg/kg		AEL	AEL96009460	Volatile Organics
Dibromomethane	ND<7.0	µg/kg		AEL	AEL96009460	Volatile Organics
Dichlorobenzene,1,2-	ND<7.0	µg/kg		AEL	AEL96009460	Volatile Organics
Dichlorobenzene,1,3-	ND<7.0	µg/kg		AEL	AEL96009460	Volatile Organics
Dichlorobenzene,1,4-	ND<7.0	µg/kg		AEL	AEL96009460	Volatile Organics
Dichlorobromomethane	ND<7.0	µg/kg		AEL	AEL96009460	Volatile Organics
Dichlorodifluoromethane	ND<7.0	µg/kg		AEL	AEL96009460	Volatile Organics
Dichloroethane,1,1-	ND<7.0	µg/kg		AEL	AEL96009460	Volatile Organics
Dichloroethane,1,2-	ND<7.0	µg/kg		AEL	AEL96009460	Volatile Organics

LEA Data Management

Location Identifier NK-TP-03E

Dichloroethylene,1,1-	ND<7.0	µg/kg	AEL	AEL96009460	Volatile Organics
Dichloroethylene,1,2-cis-	ND<7.0	µg/kg	AEL	AEL96009460	Volatile Organics
Dichloroethylene,1,2-trans-	ND<7.0	µg/kg	AEL	AEL96009460	Volatile Organics
Dichloropropane,1,2-	ND<7.0	µg/kg	AEL	AEL96009460	Volatile Organics
Dichloropropylene,1,3-cis-	ND<7.0	µg/kg	AEL	AEL96009460	Volatile Organics
Dichloropropylene,1,3-trans-	ND<7.0	µg/kg	AEL	AEL96009460	Volatile Organics
Ethylbenzene	ND<7.0	µg/kg	AEL	AEL96009460	Volatile Organics
Ethylbenzene (mobile)	ND<20.9	µg/kg	LEA	96-4102-035	Volatile Organics
Hexanone,2-	ND<17	µg/kg	AEL	AEL96009460	Volatile Organics
Methyl Bromide	ND<7.0	µg/kg	AEL	AEL96009460	Volatile Organics
Methyl Chloride	ND<7.0	µg/kg	AEL	AEL96009460	Volatile Organics
Methyl Ethyl Ketone	ND<17	µg/kg	AEL	AEL96009460	Volatile Organics
Methyl-2-pentanone,4-	ND<17	µg/kg	AEL	AEL96009460	Volatile Organics
Methyl-tert-butyl Ether	ND<7.0	µg/kg	AEL	AEL96009460	Volatile Organics
Methylene Chloride	ND<10	µg/kg	AEL	AEL96009460	Volatile Organics
Styrene	ND<7.0	µg/kg	AEL	AEL96009460	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<7.0	µg/kg	AEL	AEL96009460	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<7.0	µg/kg	AEL	AEL96009460	Volatile Organics
Tetrachloroethylene	ND<7.0	µg/kg	AEL	AEL96009460	Volatile Organics
Tetrachloroethylene (mobile)	ND<26.2	µg/kg	LEA	96-4102-035	Volatile Organics
Toluene	ND<7.0	µg/kg	AEL	AEL96009460	Volatile Organics
Toluene (mobile)	ND<14.6	µg/kg	LEA	96-4102-035	Volatile Organics
Trichloroethane,1,1,1-	ND<7.0	µg/kg	AEL	AEL96009460	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<262	µg/kg	LEA	96-4102-035	Volatile Organics
Trichloroethane,1,1,2-	ND<7.0	µg/kg	AEL	AEL96009460	Volatile Organics
Trichloroethylene	ND<7.0	µg/kg	AEL	AEL96009460	Volatile Organics
Trichloroethylene (mobile)	ND<25.8	µg/kg	LEA	96-4102-035	Volatile Organics
Trichloromonofluoromethane	ND<7.0	µg/kg	AEL	AEL96009460	Volatile Organics
Trichloropropane,1,2,3-	ND<7.0	µg/kg	AEL	AEL96009460	Volatile Organics
Vinyl Acetate	ND<7.0	µg/kg	AEL	AEL96009460	Volatile Organics
Vinyl Chloride	ND<7.0	µg/kg	AEL	AEL96009460	Volatile Organics
Xylenes (Total)	ND<7.0	µg/kg	AEL	AEL96009460	Volatile Organics

Location Identifier NK-TP-03NE
Sample Date 8/19/96
Sample Identifier 1017474 15:32 At 4.4 Soil Sample

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.64	µg/kg		LEA	96-4095-022	Volatile Organics
Ethylbenzene (mobile)	ND<16.4	µg/kg		LEA	96-4095-022	Volatile Organics
Tetrachloroethylene (mobile)	ND<20.6	µg/kg		LEA	96-4095-022	Volatile Organics
Toluene (mobile)	ND<11.5	µg/kg		LEA	96-4095-022	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<207	µg/kg		LEA	96-4095-022	Volatile Organics
Trichloroethylene (mobile)	ND<20.3	µg/kg		LEA	96-4095-022	Volatile Organics

Location Identifier NK-TP-03NW
Sample Date 8/19/96
Sample Identifier 1017473 15:26 At 4.3 Soil Sample

LEA Data Management

Location Identifier NK-TP-03NW

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<8.28	µg/kg		LEA	96-4094-021	Volatile Organics
Ethylbenzene (mobile)	ND<17.8	µg/kg		LEA	96-4094-021	Volatile Organics
Tetrachloroethylene (mobile)	ND<22.3	µg/kg		LEA	96-4094-021	Volatile Organics
Toluene (mobile)	ND<12.5	µg/kg		LEA	96-4094-021	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<224	µg/kg		LEA	96-4094-021	Volatile Organics
Trichloroethylene (mobile)	ND<22.0	µg/kg		LEA	96-4094-021	Volatile Organics

Location Identifier NK-TP-03S
Sample Date 8/19/96
Sample Identifier 1017475 15:35 At 4.4 Soil Sample

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<1.21	mg/kg		AEL	AEL96009459	Metals
Barium	18	mg/kg		AEL	AEL96009459	Metals
Cadmium	ND<3.62	mg/kg		AEL	AEL96009459	Metals
Chromium	ND<6.04	mg/kg		AEL	AEL96009459	Metals
Lead	ND<24.2	mg/kg		AEL	AEL96009459	Metals
Mercury	ND<0.242	mg/kg		AEL	AEL96009459	Metals
Nickel	ND<12.1	mg/kg		AEL	AEL96009459	Metals
Selenium	ND<1.21	mg/kg		AEL	AEL96009459	Metals
Silver	ND<6.04	mg/kg		AEL	AEL96009459	Metals
Zinc	13.9	mg/kg		AEL	AEL96009459	Metals
Acetone	ND<42	µg/kg		AEL	AEL96009459	Volatile Organics
Acrolein	ND<15	µg/kg		AEL	AEL96009459	Volatile Organics
Acrylonitrile	ND<15	µg/kg		AEL	AEL96009459	Volatile Organics
Benzene	ND<5.8	µg/kg		AEL	AEL96009459	Volatile Organics
Benzene (mobile)	ND<9.24	µg/kg		LEA	96-4096-023	Volatile Organics
Bromobenzene	ND<5.8	µg/kg		AEL	AEL96009459	Volatile Organics
Bromoform	ND<5.8	µg/kg		AEL	AEL96009459	Volatile Organics
Carbon Disulfide	ND<5.8	µg/kg		AEL	AEL96009459	Volatile Organics
Carbon Tetrachloride	ND<5.8	µg/kg		AEL	AEL96009459	Volatile Organics
Chlorobenzene	ND<5.8	µg/kg		AEL	AEL96009459	Volatile Organics
Chlorodibromomethane	ND<5.8	µg/kg		AEL	AEL96009459	Volatile Organics
Chloroethane	ND<5.8	µg/kg		AEL	AEL96009459	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<5.8	µg/kg		AEL	AEL96009459	Volatile Organics
Chloroform	ND<5.8	µg/kg		AEL	AEL96009459	Volatile Organics
Chlorotoluene,o-	ND<5.8	µg/kg		AEL	AEL96009459	Volatile Organics
Chlorotoluene,p-	ND<5.8	µg/kg		AEL	AEL96009459	Volatile Organics
Dibromomethane	ND<5.8	µg/kg		AEL	AEL96009459	Volatile Organics
Dichlorobenzene,1,2-	ND<5.8	µg/kg		AEL	AEL96009459	Volatile Organics
Dichlorobenzene,1,3-	ND<5.8	µg/kg		AEL	AEL96009459	Volatile Organics
Dichlorobenzene,1,4-	ND<5.8	µg/kg		AEL	AEL96009459	Volatile Organics
Dichlorobromomethane	ND<5.8	µg/kg		AEL	AEL96009459	Volatile Organics
Dichlorodifluoromethane	ND<5.8	µg/kg		AEL	AEL96009459	Volatile Organics
Dichloroethane,1,1-	ND<5.8	µg/kg		AEL	AEL96009459	Volatile Organics
Dichloroethane,1,2-	ND<5.8	µg/kg		AEL	AEL96009459	Volatile Organics
Dichloroethylene,1,1-	ND<5.8	µg/kg		AEL	AEL96009459	Volatile Organics
Dichloroethylene,1,2-cis-	ND<5.8	µg/kg		AEL	AEL96009459	Volatile Organics
Dichloroethylene,1,2-trans-	ND<5.8	µg/kg		AEL	AEL96009459	Volatile Organics
Dichloropropane,1,2-	ND<5.8	µg/kg		AEL	AEL96009459	Volatile Organics

LEA Data Management

Location Identifier NK-TP-03S

Dichloropropylene,1,3-cis-	ND<5.8	µg/kg	AEL	AEL96009459	Volatile Organics
Dichloropropylene,1,3-trans-	ND<5.8	µg/kg	AEL	AEL96009459	Volatile Organics
Ethylbenzene	ND<5.8	µg/kg	AEL	AEL96009459	Volatile Organics
Ethylbenzene (mobile)	ND<19.9	µg/kg	LEA	96-4096-023	Volatile Organics
Hexanone,2-	ND<15	µg/kg	AEL	AEL96009459	Volatile Organics
Methyl Bromide	ND<5.8	µg/kg	AEL	AEL96009459	Volatile Organics
Methyl Chloride	ND<5.8	µg/kg	AEL	AEL96009459	Volatile Organics
Methyl Ethyl Ketone	ND<15	µg/kg	AEL	AEL96009459	Volatile Organics
Methyl-2-pentanone,4-	ND<15	µg/kg	AEL	AEL96009459	Volatile Organics
Methyl-tert-butyl Ether	ND<5.8	µg/kg	AEL	AEL96009459	Volatile Organics
Methylene Chloride	ND<7.3	µg/kg	AEL	AEL96009459	Volatile Organics
Styrene	ND<5.8	µg/kg	AEL	AEL96009459	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<5.8	µg/kg	AEL	AEL96009459	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<5.8	µg/kg	AEL	AEL96009459	Volatile Organics
Tetrachloroethylene	ND<5.8	µg/kg	AEL	AEL96009459	Volatile Organics
Tetrachloroethylene (mobile)	ND<24.9	µg/kg	LEA	96-4096-023	Volatile Organics
Toluene	ND<5.8	µg/kg	AEL	AEL96009459	Volatile Organics
Toluene (mobile)	ND<14.0	µg/kg	LEA	96-4096-023	Volatile Organics
Trichloroethane,1,1,1-	ND<5.8	µg/kg	AEL	AEL96009459	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<250	µg/kg	LEA	96-4096-023	Volatile Organics
Trichloroethane,1,1,2-	ND<5.8	µg/kg	AEL	AEL96009459	Volatile Organics
Trichloroethylene	ND<5.8	µg/kg	AEL	AEL96009459	Volatile Organics
Trichloroethylene (mobile)	ND<24.6	µg/kg	LEA	96-4096-023	Volatile Organics
Trichloromonofluoromethane	ND<5.8	µg/kg	AEL	AEL96009459	Volatile Organics
Trichloropropane,1,2,3-	ND<5.8	µg/kg	AEL	AEL96009459	Volatile Organics
Vinyl Acetate	ND<5.8	µg/kg	AEL	AEL96009459	Volatile Organics
Vinyl Chloride	ND<5.8	µg/kg	AEL	AEL96009459	Volatile Organics
Xylenes (Total)	ND<5.8	µg/kg	AEL	AEL96009459	Volatile Organics

Location Identifier NK-TP-03W
Sample Date 8/19/96
Sample Identifier 1017476 15:39 At 5.1 Soil Sample

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<6.31	µg/kg		LEA	96-4079-007	Volatile Organics
Ethylbenzene (mobile)	ND<13.6	µg/kg		LEA	96-4079-007	Volatile Organics
Tetrachloroethylene (mobile)	ND<17.0	µg/kg		LEA	96-4079-007	Volatile Organics
Toluene (mobile)	ND<9.52	µg/kg		LEA	96-4079-007	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<170	µg/kg		LEA	96-4079-007	Volatile Organics
Trichloroethylene (mobile)	ND<16.8	µg/kg		LEA	96-4079-007	Volatile Organics

UNIT SPECIFIC TECHNICAL MEMORANDUM: EXPLOSIVES STORAGE BUILDING
PRATT & WHITNEY, EAST HARTFORD, CT

AREA: North Klondike

DRAFT

SUB-AREA: Explosives Storage Area

ENVIRONMENTAL UNIT: Explosives Storage Building

Location: North Klondike (Suntan) Area; fifth road south on north access road, from Perimeter Road (Drawing ___).

Description: The Explosives Storage Building was a 11 foot by 22 foot building which was surrounded by a 25 foot by 50 foot chain-link fence. The building was isolated from other structures to the west and south by an earthen berm for explosion hazard purposes.

Dates of Operation: Approximately 1957 to 1993.

Processes: Storage of hydrazine and pentaborane (both explosive liquids).

Contaminants of Concern: Neither hydrazine (H_2NNH_2) or pentaborane (B_5H_9) are constituents of concern; however, petroleum or solvents may have also been stored in the building.

Area-wide Classes of Contaminants: Volatile organic compounds (VOCs), the RCRA 8 metals plus nickel and zinc, and total petroleum hydrocarbons (TPH).

Potential Release Mechanism: Impacts to soils and groundwater associated with potential spillage or leakage associated with storage of chemicals inside the building with potential subsequent migration to the subsurface.

INVESTIGATION AND REMEDIATION ACTIVITIES:

Due to the potential for a release associated with chemicals stored in the building, a subsurface investigation to determine the degree and extent of soil contamination was performed in June, July, and October 1996. Prior to 1996, no investigation had reportedly been performed.

June and July 1996 Investigation (LEA):

Description: On June 28, 1996, two soil borings (NK-SB-12 and NK-SB-13) were advanced to a depth of 15 feet in the vicinity of the Explosives Storage Building, as shown on Figure ___. The depth of 15 feet was selected to ensure that sufficient data were collected for comparisons against the direct exposure criteria in the Connecticut Remediation Standard Regulation (RSR). Soil samples were collected from each of the borings in continuous 2-foot intervals to 14 feet, with a one foot interval from 14 to 15 feet. No soil sample was collected from boring NK-SB-13 from a depth of 14 to 15 feet due to insufficient recovery.

A total of 15 soil samples were submitted to the LEA Analytical Laboratory and screened for the presence of select VOCs. Based on visual, olfactory, or instrument evidence, and with consideration of the potential release mechanism, two samples from each boring were submitted to Averill Environmental Laboratory, Inc. (AEL) and analyzed for the presence of VOCs, the RCRA 8 metals plus nickel and zinc, and TPH. Semivolatile organic compounds (SVOCs) were not included because TPH was used as an indicator to determine whether a release had occurred.

On July 3, 1996, groundwater samples were collected from both borings (NK-SB-12 and NK-SB-13) using Geoprobe® screen-point groundwater sampling techniques. The groundwater samples were collected from a depth of 5 to 7 feet below the ground surface. The groundwater samples were submitted to AEL for analysis for VOCs, the RCRA 8 metals plus nickel and zinc, and TPH. A summary of the samples collected and analyses performed during this investigation is included in Table 1.

Investigation Results: Based on the boring logs, groundwater was encountered at approximately 4 feet in both borings. Varved clay was encountered at 11 feet in boring NK-SB-12 and at 10 feet in boring NK-SB-13. No visual or olfactory evidence of contamination was noted on the boring logs.

Concentrations of constituents detected in soil samples collected for this unit are presented in Table 2. The highest concentration of each constituent detected above background at each sampling location is shown on Figure ___. No VOCs were detected in the soil samples submitted to the LEA Analytical Laboratory or to AEL. No TPH was detected in the soil samples submitted to AEL. One or more of the metals analyzed were detected in each of the four samples submitted for analysis. These metals include arsenic, barium, chromium, nickel, and zinc.

Concentrations of constituents detected in groundwater samples collected for this unit are presented in Table 3. No VOCs or TPH were detected in the groundwater samples submitted to AEL. One or more of the metals analyzed were detected in each of the two groundwater samples submitted for analysis. These metals include barium and zinc.

Data Evaluation and Conclusions: Based on the laboratory results for chromium, this area has not been adequately characterized. The source for a chromium concentration which was detected above background is not known; however, it may be natural. There is no apparent evidence that a release has occurred.

The data were compared against the default numeric criteria included in the RSR and the site-specific background soil concentrations for the North Klondike for various inorganic constituents (Fuss & O'Neill, 1994). Criteria are established in the RSR based on exposure pathways for various environmental media, including soil and groundwater. A qualitative evaluation was performed where characterization of the identified contamination had not been completed, and the intent of the comparison was not to show compliance with the RSR, but rather was to give a general perspective regarding the magnitude of contamination detected. This qualitative evaluation of the soils data is based on a comparison to the residential and industrial/commercial direct exposure criteria (DEC) and the GB pollutant mobility criteria (PMC) included in the RSR and the site-specific background

soil concentrations. The qualitative evaluation of the groundwater data is based on a comparison to the surface water protection criteria (SWPC) and the residential and industrial/commercial volatilization criteria included in the RSR.

The concentrations of the metals detected in the soil samples are typical of "Walpole Soils" background concentrations, except chromium detected at a concentration of 18.1 milligrams per kilogram (mg/kg) in boring NK-SB-13 at a depth of 2 to 4 feet and all of the metals detected in boring NK-SB-13 at a depth of 10 to 12 feet. The metals in boring NK-SB-13 at a depth of 10 to 12 feet were detected in the varved clay and are typical of "Clay" background concentrations. The metals detected at this unit, except for chromium detected in boring NK-SB-13 at a depth of 2 to 4 feet, and are not indicative of a release from this unit.

The concentrations of barium and zinc detected in the groundwater samples, both of which occur naturally, are typical of background concentrations and are not indicative of a release from this unit. Constituents detected in groundwater are presented in detail in *Summary of Groundwater Sampling and Analysis, North Airport and North Klondike Areas.*

For the metals detected in soil, no exceedances of the residential or industrial/commercial direct exposure criteria were noted. For the metals detected in groundwater, no exceedances of the surface water protection criteria were noted.

Limited additional characterization was necessary to address a possible release of chromium.

October 1996 Investigation (LEA):

Description: On October 17, 1996, three soil borings (NK-SB-211 through NK-SB-213) were advanced to a depth of 12 feet in the vicinity of the Explosives Storage Building, as shown on Figure ___. The depth of 12 feet was selected to ensure that the varved clay was encountered. Soil samples were collected from each of the borings in continuous 2-foot intervals.

A total of 19 soil samples were submitted to the LEA Analytical Laboratory and screened for the presence of select VOCs. Based on an elevated reading obtained with a photoionization detector (PID), one sample from NK-SB-213 was submitted to AEL and analyzed for the presence of VOCs. Based on an elevated chromium concentration in NK-SB-13 at a depth of 2 to 4 feet, one sample from the nearest boring (NK-SB-211) was submitted to AEL and analyzed for chromium. A summary of the samples collected and analyses performed during this investigation is included in Table 1.

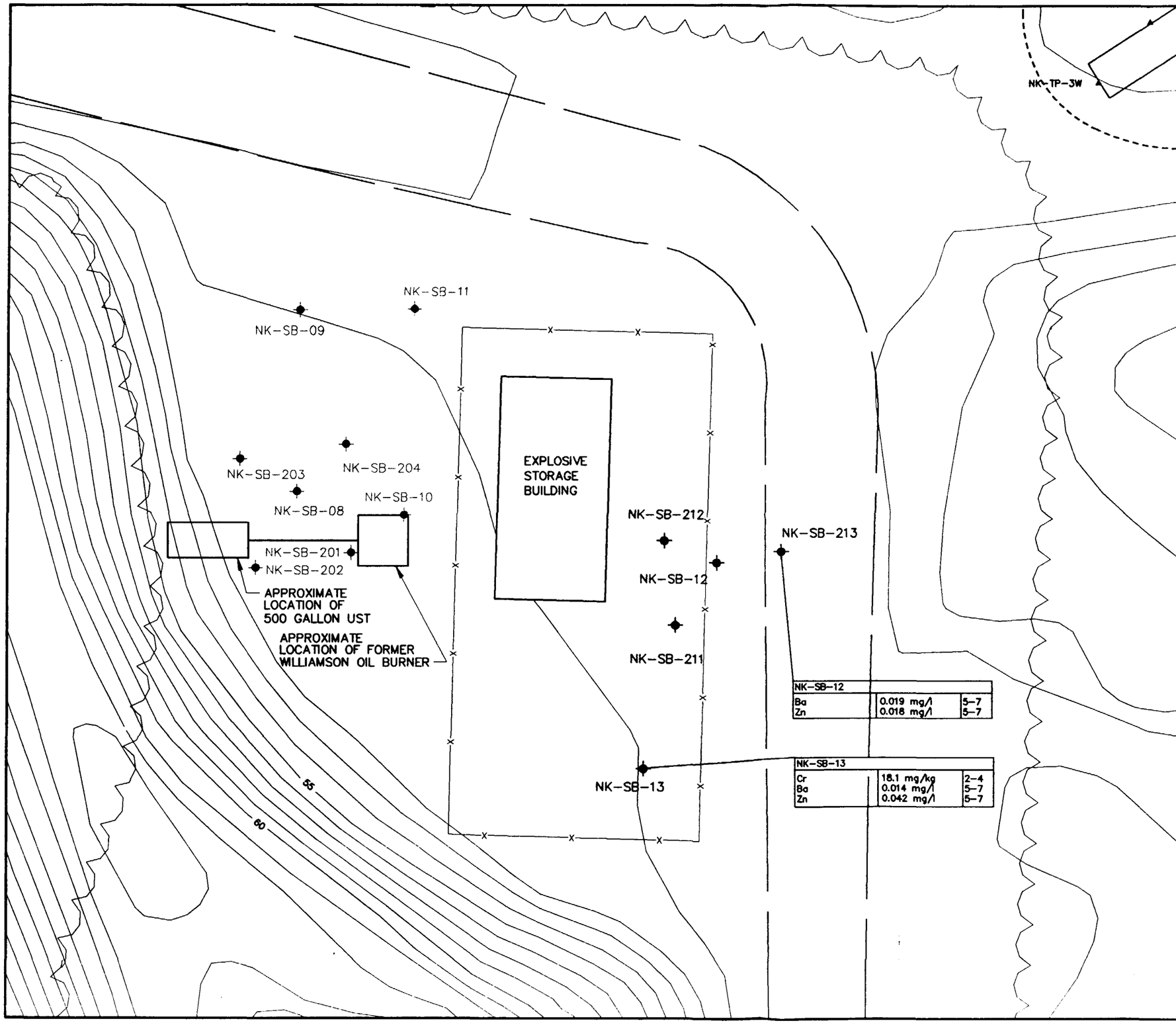
Investigation Results: Based on the boring logs, groundwater was encountered at approximately 6 feet in all three borings. Varved clay was encountered at 8.5 feet in boring NK-SB-213 and at 10.5 feet in borings NK-SB-211 and NK-SB-212. No visual or olfactory evidence of contamination was noted.

Concentrations of constituents detected in soil samples collected for this unit are presented in Table 2. No VOCs were detected in the soil samples submitted to the LEA Analytical Laboratory or to AEL. Chromium was not detected in the soil sample submitted for analysis from boring NK-SB-211.

Data Evaluation and Conclusions: Based on field observations and the laboratory results, this area has been adequately characterized and there is no evidence that a release has occurred. Based on the lack of chromium in boring NK-SB-211, the source for the chromium which was detected above background in boring NK-SB-13 appears to be natural. There is no apparent evidence that a release has occurred.

PROPOSED ACTIONS:

Adequate characterization has been performed to address possible releases. For the constituents for which adequate characterization was performed, no exceedances of default numeric criteria were detected, and no further evaluation or remedial activity is warranted.



NK-SB-12		
Ba	0.019 mg/l	5–7
Zn	0.018 mg/l	5–7

NK-SB-13		
Cr	18.1 mg/kg	2–4
Ba	0.014 mg/l	5–7
Zn	0.042 mg/l	5–7

LEGEND

- MICRO WELL
- MONITORING WELL
- SCREEN POINT
- SOIL BORING
- VAPOR EXTRACTION WELL
- PEIZOMETER
- SOIL SAMPLE
- SEDIMENT/SLUDGE SURFACE WATER SAMPLE
- TEST PIT

LOCATION IDENTIFIER → CA-5D

CHEMICAL NAME		DEPTH IN FEET
PCE	3900 ug/kg *	10–12
As	8.25 mg/kg	10–12
As SPLP	0.010 mg/l	10–12
Ba	0.028 ug/l	10–12

HIGHEST CONCENTRATION OF CONSTITUENT DETECTED IN BORING

NOTES:
SOIL UNITS ARE ug/kg or mg/kg
GROUNDWATER UNITS ARE ug/l or mg/l
SPLP UNITS ARE mg/l

* Indicates analysis by mobile laboratory

ABBREVIATIONS

VOCs

Acetone	ACT
Benzene	BZ
Carbon disulfide	CDIS
Chlorobenzene	CBZ
Chloroform	CFM
Chloroethane	CEA
1,2–Dichlorobenzene	2DCB
1,3–Dichlorobenzene	3DCB
1,4–Dichlorobenzene	4DCB
1,1–Dichloroethane	11DCA
1,2–Dichloroethane	12DCA
1,1–Dichloroethylene	11DCE
1,2–Dichloroethylene	12DCE
Cis–1,2–Dichloroethylene	CDCE
Trans–1,2–Dichloroethylene	TDCE
Ethylbenzene	EBZ
Methyl chloride(Chloromethane)	MCM
Methylene chloride	MC
Methyl ethyl ketone	MEK
Methyl–tert–butyl ether	MTBE
Tetrachloroethylene	PCE
1,1,2,2–Tetrachloroethane	1122TTCA
Toluene	TL
1,1,1–Trichloroethane	TCA
1,1,2–Trichloroethane	112TCA
Trichloroethylene	TCE
Vinyl chloride	VC
Xylenes	XYL

SVOCs

Anthracene	ANTH
Acenaphthene	ACN
Acenaphthylene	ACNE
Benzo[a]anthracene	BA
Benzo[a]pyrene	BAP
Benzo[b]fluoranthene	BBF
Benzo[ghi]perylene	BGP
Benzo[k]fluoranthene	BKF
Bis(2ethylhexyl)phthalate	DEHP
Butyl benzyl phthalate	BBP
Chrysene	CRYS
Dibenzo[a,h]anthracene	DBA
Di–n–butyl phthalate	DBP
Flouranthene	FA
Fluorene	FLE
Indeno(1,2,3–cd)pyrene	IP
Napthalene	NAP
Phenanthrene	PHN
Pyrene	PYR

METALS

Arsenic	As	Lead	Pb
Barium	Ba	Mercury	Hg
Beryllium	Be	Nickel	Ni
Cadmium	Cd	Selenium	Se
Chromium (total)	Cr	Silver	Ag
Copper	Cu	Zinc	Zn

MISC.

Total Petroleum Hydrocarbons	TPH
Polychlorinated Biphenyl	PCB

5 0 5 10 15
SCALE IN FEET

N

AIRPORT/KLONDIKE INVESTIGATION
PRATT & WHITNEY, EAST HARTFORD, CT
EXPLOSIVES STORAGE AREA
EXPLOSIVE STORAGE BUILDING
LOCATION & CONSTITUENTS DETECTED MAP

Comm.No. | FIG. | LEA

EXPLOST 10-6-87

Table 1
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION
P&W East Hartford: Explosives Storage Area - Explosives Storage Building

Sample Information						Analysis Information								
Location ID	Sample ID	Sample Date	From (ft)	To (ft)	Class	Portable GC	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides	PCBs	Metals	Extraction	Miscellaneous
NK-SB-12	1015488	6/28/96	0	2	SB	x								
NK-SB-12	1015489	6/28/96	2	4	SB	x	x					X	x	x
NK-SB-12	1015490	6/28/96	4	6	SB	x								
NK-SB-12	1015491	6/28/96	6	8	SB	x	x					X		x
NK-SB-12	1015492	6/28/96	8	10	SB	x								
NK-SB-12	1015493	6/28/96	10	12	SB	x								
NK-SB-12	1015494	6/28/96	12	14	SB	x								
NK-SB-12	1015495	6/28/96	14	15	SB	x								
NK-SB-12	1015676	7/ 3/96	5	7	GW		x					X		x
NK-SB-13	1015496	6/28/96	0	2	SB	x								
NK-SB-13	1015497	6/28/96	2	4	SB	x	x					X	x	x
NK-SB-13	1015498	6/28/96	4	6	SB	x								
NK-SB-13	1015499	6/28/96	6	8	SB	x								
NK-SB-13	1015500	6/28/96	8	10	SB	x								
NK-SB-13	1015501	6/28/96	10	12	SB	x	x					X		x
NK-SB-13	1015502	6/28/96	12	14	SB	x								
NK-SB-13	1015675	7/ 3/96	5	7	GW		x					X		x
NK-SB-211	1019322	10/17/96	0	2	SB	x								
NK-SB-211	1019323	10/17/96	2	4	SB	x						x		
NK-SB-211	1019324	10/17/96	4	6	SB	x								
NK-SB-211	1019325	10/17/96	6	8	SB	x								
NK-SB-211	1019326	10/17/96	6	8	SB	x								
NK-SB-211	1019327	10/17/96	8	10	SB	x								
NK-SB-211	1019328	10/17/96	10	12	SB	x								
NK-SB-212	1019329	10/17/96	0	2	SB	x								
NK-SB-212	1019330	10/17/96	2	4	SB	x								
NK-SB-212	1019331	10/17/96	4	6	SB	x								
NK-SB-212	1019332	10/17/96	6	8	SB	x								
NK-SB-212	1019333	10/17/96	8	10	SB	x								
NK-SB-212	1019334	10/17/96	10	12	SB	x								
NK-SB-213	1019335	10/17/96	0	2	SB	x								

Notes: 1. Legend: X - Analysed; at least one analyte over the detection limit; x - Analysed, no analytes in group over the detection limit
2. Printed on 10/03/1997

LEA

Table 1
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION
P&W East Hartford: Explosives Storage Area - Explosives Storage Building

Sample Information						Analysis Information								
Location ID	Sample ID	Sample Date	From (ft)	To (ft)	Class	Portable GC	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides	PCBs	Metals	Extraction	Miscellaneous
NK-SB-213	1019336	10/17/96	2	4	SB	x								
NK-SB-213	1019337	10/17/96	4	6	SB	x								
NK-SB-213	1019338	10/17/96	6	8	SB	x	x							
NK-SB-213	1019339	10/17/96	8	10	SB	x								
NK-SB-213	1019340	10/17/96	10	12	SB	x								

Notes: 1. Legend: X - Analysed; at least one analyte over the detection limit; x - Analysed, no analytes in group over the detection limit
2. Printed on 10/03/1997

LEA

Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOIL
P&W East Hartford: Explosives Storage Area - Explosives Storage Building

	Location ID	NK-SB-12	NK-SB-12	NK-SB-12	NK-SB-13	NK-SB-13	NK-SB-13
	Sample ID	1015489	1015489	1015491	1015497	1015497	1015501
	Sample Date	06/28/1996	06/28/1996	06/28/1996	06/28/1996	06/28/1996	06/28/1996
	Sample Time	12:15	12:15	12:30	13:30	13:30	14:07
	Sample Depth	2' - 4'	2' - 4'	6' - 8'	2' - 4'	2' - 4'	10' - 12'
	Laboratory	AEL	AEL	AEL	AEL	AEL	AEL
	Lab. Number	AEL96007302	AEL96010878	AEL96007305	AEL96007303	AEL96010879	AEL96007306
Constituent	Units						
Date Metals Analyzed	-	07/10/1996		07/10/1996	07/10/1996		07/10/1996
Date of Other SPLP Analysis	-		10/09/1996			10/02/1996	
Extraction Fluid No.	-		1			1	
Arsenic	mg/kg				1.21		6.9
Barium	mg/kg	14.4		22	8.03		254
Chromium	mg/kg	5.6			18.1		48.2
Nickel	mg/kg				17.2		43.4
Zinc	mg/kg	20.2		14.8	27.4		106

Notes: 1. Only Detects Shown
2. Printed on 10/03/1997

LEA

Table 3
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - GROUNDWATER
P&W East Hartford: Explosives Storage Area - Explosives Storage Building

	Location ID	NK-SB-12	NK-SB-13					
	Sample ID	1015676	1015675					
	Sample Date	07/03/1996	07/03/1996					
	Sample Time	12:05	15:20					
	Sample Depth	5' - 7'	5' - 7'					
	Laboratory	AEL	AEL					
	Lab. Number	AEL96007381	AEL96007380					
Constituent	Units							
Date Metals Analyzed	-	07/17/1996	07/17/1996					
Barium	mg/L	0.019	0.014					
Zinc	mg/L	0.018	0.042					

Notes: 1. Only Detects Shown
2. Printed on 10/03/1997

LEA

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: Explosives Storage Building Area

Location Identifier NK-SB-12

Location Identifier NK-SB-12
Sample Date 6/28/96
Sample Identifier 1015488 12:05 From 0 to 2 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<15.3	µg/kg		LEA	96-3164-129	Volatile Organics
Ethylbenzene (mobile)	ND<22.2	µg/kg		LEA	96-3164-129	Volatile Organics
Tetrachloroethylene (mobile)	ND<23.4	µg/kg		LEA	96-3164-129	Volatile Organics
Toluene (mobile)	ND<21.6	µg/kg		LEA	96-3164-129	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<375	µg/kg		LEA	96-3164-129	Volatile Organics
Trichloroethylene (mobile)	ND<36.3	µg/kg		LEA	96-3164-129	Volatile Organics
Xylenes (Total) (mobile)	ND<47	µg/kg		LEA	96-3164-129	Volatile Organics

Sample Identifier 1015489 12:15 From 2 to 4 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Extraction Fluid No.	1			AEL	AEL96010878	Laboratory Parameter (SPLP)
Arsenic	ND<1.12	mg/kg		AEL	AEL96007302	Metals
Barium	14.4	mg/kg		AEL	AEL96007302	Metals
Cadmium	ND<3.35	mg/kg		AEL	AEL96007302	Metals
Chromium	5.6	mg/kg		AEL	AEL96007302	Metals
Lead	ND<22.3	mg/kg		AEL	AEL96007302	Metals
Mercury	ND<0.223	mg/kg		AEL	AEL96007302	Metals
Nickel	ND<11.2	mg/kg		AEL	AEL96007302	Metals
Selenium	ND<1.12	mg/kg		AEL	AEL96007302	Metals
Silver	ND<5.58	mg/kg		AEL	AEL96007302	Metals
Zinc	20.2	mg/kg		AEL	AEL96007302	Metals
Arsenic	ND<0.010	mg/L		AEL	AEL96010878	Metals (SPLP)
Barium	ND<1.00	mg/L		AEL	AEL96010878	Metals (SPLP)
Cadmium	ND<0.0010	mg/L		AEL	AEL96010878	Metals (SPLP)
Chromium	ND<0.050	mg/L		AEL	AEL96010878	Metals (SPLP)
Lead	ND<0.0050	mg/L		AEL	AEL96010878	Metals (SPLP)
Mercury	ND<0.0020	mg/L		AEL	AEL96010878	Metals (SPLP)
Nickel	ND<0.10	mg/L		AEL	AEL96010878	Metals (SPLP)
Selenium	ND<0.010	mg/L		AEL	AEL96010878	Metals (SPLP)
Silver	ND<0.020	mg/L		AEL	AEL96010878	Metals (SPLP)
Zinc	ND<0.050	mg/L		AEL	AEL96010878	Metals (SPLP)
Total Petroleum Hydrocarbons	ND<38.5	mg/kg		AEL	AEL96007302	Physical Analysis
Acetone	ND<37	µg/kg		AEL	AEL96007302	Volatile Organics
Acrolein	ND<19	µg/kg		AEL	AEL96007302	Volatile Organics
Acrylonitrile	ND<19	µg/kg		AEL	AEL96007302	Volatile Organics
Benzene	ND<7.4	µg/kg		AEL	AEL96007302	Volatile Organics
Benzene (mobile)	ND<13.3	µg/kg		LEA	96-3165-004	Volatile Organics
Bromobenzene	ND<7.4	µg/kg		AEL	AEL96007302	Volatile Organics
Bromoform	ND<7.4	µg/kg		AEL	AEL96007302	Volatile Organics
Carbon Disulfide	ND<7.4	µg/kg		AEL	AEL96007302	Volatile Organics
Carbon Tetrachloride	ND<7.4	µg/kg		AEL	AEL96007302	Volatile Organics
Chlorobenzene	ND<7.4	µg/kg		AEL	AEL96007302	Volatile Organics
Chlorodibromomethane	ND<7.4	µg/kg		AEL	AEL96007302	Volatile Organics
Chloroethane	ND<7.4	µg/kg		AEL	AEL96007302	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<7.4	µg/kg		AEL	AEL96007302	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: Explosives Storage Building Area

Location Identifier NK-SB-12

Chloroform	ND<7.4	µg/kg	AEL	AEL96007302	Volatile Organics
Chlorotoluene,o-	ND<7.4	µg/kg	AEL	AEL96007302	Volatile Organics
Chlorotoluene,p-	ND<7.4	µg/kg	AEL	AEL96007302	Volatile Organics
Dibromomethane	ND<7.4	µg/kg	AEL	AEL96007302	Volatile Organics
Dichlorobenzene,1,2-	ND<7.4	µg/kg	AEL	AEL96007302	Volatile Organics
Dichlorobenzene,1,3-	ND<7.4	µg/kg	AEL	AEL96007302	Volatile Organics
Dichlorobenzene,1,4-	ND<7.4	µg/kg	AEL	AEL96007302	Volatile Organics
Dichlorobromomethane	ND<7.4	µg/kg	AEL	AEL96007302	Volatile Organics
Dichlorodifluoromethane	ND<7.4	µg/kg	AEL	AEL96007302	Volatile Organics
Dichloroethane,1,1-	ND<7.4	µg/kg	AEL	AEL96007302	Volatile Organics
Dichloroethane,1,2-	ND<7.4	µg/kg	AEL	AEL96007302	Volatile Organics
Dichloroethylene,1,1-	ND<7.4	µg/kg	AEL	AEL96007302	Volatile Organics
Dichloroethylene,1,2-cis-	ND<7.4	µg/kg	AEL	AEL96007302	Volatile Organics
Dichloroethylene,1,2-trans-	ND<7.4	µg/kg	AEL	AEL96007302	Volatile Organics
Dichloropropane,1,2-	ND<7.4	µg/kg	AEL	AEL96007302	Volatile Organics
Dichloropropylene,1,3-cis-	ND<7.4	µg/kg	AEL	AEL96007302	Volatile Organics
Dichloropropylene,1,3-trans-	ND<7.4	µg/kg	AEL	AEL96007302	Volatile Organics
Ethylbenzene	ND<7.4	µg/kg	AEL	AEL96007302	Volatile Organics
Hexanone,2-	ND<19	µg/kg	AEL	AEL96007302	Volatile Organics
Methyl Bromide	ND<7.4	µg/kg	AEL	AEL96007302	Volatile Organics
Methyl Chloride	ND<7.4	µg/kg	AEL	AEL96007302	Volatile Organics
Methyl Ethyl Ketone	ND<19	µg/kg	AEL	AEL96007302	Volatile Organics
Methyl-2-pentanone,4-	ND<19	µg/kg	AEL	AEL96007302	Volatile Organics
Methyl-tert-butyl Ether	ND<7.4	µg/kg	AEL	AEL96007302	Volatile Organics
Methylene Chloride	ND<7.4	µg/kg	AEL	AEL96007302	Volatile Organics
Styrene	ND<7.4	µg/kg	AEL	AEL96007302	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<7.4	µg/kg	AEL	AEL96007302	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<7.4	µg/kg	AEL	AEL96007302	Volatile Organics
Tetrachloroethylene	ND<7.4	µg/kg	AEL	AEL96007302	Volatile Organics
Tetrachloroethylene (mobile)	ND<20.3	µg/kg	LEA	96-3165-004	Volatile Organics
Toluene	ND<7.4	µg/kg	AEL	AEL96007302	Volatile Organics
Toluene (mobile)	ND<18.8	µg/kg	LEA	96-3165-004	Volatile Organics
Trichloroethane,1,1,1-	ND<7.4	µg/kg	AEL	AEL96007302	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<325	µg/kg	LEA	96-3165-004	Volatile Organics
Trichloroethane,1,1,2-	ND<7.4	µg/kg	AEL	AEL96007302	Volatile Organics
Trichloroethylene	ND<7.4	µg/kg	AEL	AEL96007302	Volatile Organics
Trichloroethylene (mobile)	ND<31.5	µg/kg	LEA	96-3165-004	Volatile Organics
Trichloromonofluoromethane	ND<7.4	µg/kg	AEL	AEL96007302	Volatile Organics
Trichloropropane,1,2,3-	ND<7.4	µg/kg	AEL	AEL96007302	Volatile Organics
Vinyl Acetate	ND<7.4	µg/kg	AEL	AEL96007302	Volatile Organics
Vinyl Chloride	ND<7.4	µg/kg	AEL	AEL96007302	Volatile Organics
Xylenes (Total)	ND<7.4	µg/kg	AEL	AEL96007302	Volatile Organics

Sample Identifier 1015490 12:20 From 4 to 6 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<14.7	µg/kg		LEA	96-3166-005	Volatile Organics
Tetrachloroethylene (mobile)	ND<22.5	µg/kg		LEA	96-3166-005	Volatile Organics
Toluene (mobile)	ND<20.8	µg/kg		LEA	96-3166-005	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<361	µg/kg		LEA	96-3166-005	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: Explosives Storage Building Area

Location Identifier NK-SB-12

Trichloroethylene (mobile)	ND<35.0	µg/kg		LEA	96-3166-005	Volatile Organics

Sample Identifier 1015491 12:30 From 6 to 8 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<1.23	mg/kg		AEL	AEL96007305	Metals
Barium	22	mg/kg		AEL	AEL96007305	Metals
Cadmium	ND<3.69	mg/kg		AEL	AEL96007305	Metals
Chromium	ND<6.15	mg/kg		AEL	AEL96007305	Metals
Lead	ND<24.6	mg/kg		AEL	AEL96007305	Metals
Mercury	ND<0.246	mg/kg		AEL	AEL96007305	Metals
Nickel	ND<12.3	mg/kg		AEL	AEL96007305	Metals
Selenium	ND<1.23	mg/kg		AEL	AEL96007305	Metals
Silver	ND<6.4	mg/kg		AEL	AEL96007305	Metals
Zinc	14.8	mg/kg		AEL	AEL96007305	Metals
Total Petroleum Hydrocarbons	ND<41.5	mg/kg		AEL	AEL96007305	Physical Analysis
Acetone	ND<25	µg/kg		AEL	AEL96007305	Volatile Organics
Acrolein	ND<12	µg/kg		AEL	AEL96007305	Volatile Organics
Acrylonitrile	ND<12	µg/kg		AEL	AEL96007305	Volatile Organics
Benzene	ND<4.9	µg/kg		AEL	AEL96007305	Volatile Organics
Benzene (mobile)	ND<15.3	µg/kg		LEA	96-3163-128	Volatile Organics
Bromobenzene	ND<4.9	µg/kg		AEL	AEL96007305	Volatile Organics
Bromoform	ND<4.9	µg/kg		AEL	AEL96007305	Volatile Organics
Carbon Disulfide	ND<4.9	µg/kg		AEL	AEL96007305	Volatile Organics
Carbon Tetrachloride	ND<4.9	µg/kg		AEL	AEL96007305	Volatile Organics
Chlorobenzene	ND<4.9	µg/kg		AEL	AEL96007305	Volatile Organics
Chlorodibromomethane	ND<4.9	µg/kg		AEL	AEL96007305	Volatile Organics
Chloroethane	ND<4.9	µg/kg		AEL	AEL96007305	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<4.9	µg/kg		AEL	AEL96007305	Volatile Organics
Chloroform	ND<4.9	µg/kg		AEL	AEL96007305	Volatile Organics
Chlorotoluene,o-	ND<4.9	µg/kg		AEL	AEL96007305	Volatile Organics
Chlorotoluene,p-	ND<4.9	µg/kg		AEL	AEL96007305	Volatile Organics
Dibromomethane	ND<4.9	µg/kg		AEL	AEL96007305	Volatile Organics
Dichlorobenzene,1,2-	ND<4.9	µg/kg		AEL	AEL96007305	Volatile Organics
Dichlorobenzene,1,3-	ND<4.9	µg/kg		AEL	AEL96007305	Volatile Organics
Dichlorobenzene,1,4-	ND<4.9	µg/kg		AEL	AEL96007305	Volatile Organics
Dichlorobromomethane	ND<4.9	µg/kg		AEL	AEL96007305	Volatile Organics
Dichlorodifluoromethane	ND<4.9	µg/kg		AEL	AEL96007305	Volatile Organics
Dichloroethane,1,1-	ND<4.9	µg/kg		AEL	AEL96007305	Volatile Organics
Dichloroethane,1,2-	ND<4.9	µg/kg		AEL	AEL96007305	Volatile Organics
Dichloroethylene,1,1-	ND<4.9	µg/kg		AEL	AEL96007305	Volatile Organics
Dichloroethylene,1,2-cis-	ND<4.9	µg/kg		AEL	AEL96007305	Volatile Organics
Dichloroethylene,1,2-trans-	ND<4.9	µg/kg		AEL	AEL96007305	Volatile Organics
Dichloropropane,1,2-	ND<4.9	µg/kg		AEL	AEL96007305	Volatile Organics
Dichloropropylene,1,3-cis-	ND<4.9	µg/kg		AEL	AEL96007305	Volatile Organics
Dichloropropylene,1,3-trans-	ND<4.9	µg/kg		AEL	AEL96007305	Volatile Organics
Ethylbenzene	ND<4.9	µg/kg		AEL	AEL96007305	Volatile Organics
Ethylbenzene (mobile)	ND<22.2	µg/kg		LEA	96-3163-128	Volatile Organics
Hexanone,2-	ND<12	µg/kg		AEL	AEL96007305	Volatile Organics
Methyl Bromide	ND<4.9	µg/kg		AEL	AEL96007305	Volatile Organics
Methyl Chloride	ND<4.9	µg/kg		AEL	AEL96007305	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: Explosives Storage Building Area

Location Identifier NK-SB-12

Methyl Ethyl Ketone	ND<12	µg/kg	AEL	AEL96007305	Volatile Organics
Methyl-2-pentanone,4-	ND<12	µg/kg	AEL	AEL96007305	Volatile Organics
Methyl-tert-butyl Ether	ND<4.9	µg/kg	AEL	AEL96007305	Volatile Organics
Methylene Chloride	ND<4.9	µg/kg	AEL	AEL96007305	Volatile Organics
Styrene	ND<4.9	µg/kg	AEL	AEL96007305	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<4.9	µg/kg	AEL	AEL96007305	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<4.9	µg/kg	AEL	AEL96007305	Volatile Organics
Tetrachloroethylene	ND<4.9	µg/kg	AEL	AEL96007305	Volatile Organics
Tetrachloroethylene (mobile)	ND<23.4	µg/kg	LEA	96-3163-128	Volatile Organics
Toluene	ND<4.9	µg/kg	AEL	AEL96007305	Volatile Organics
Toluene (mobile)	ND<21.6	µg/kg	LEA	96-3163-128	Volatile Organics
Trichloroethane,1,1,1-	ND<4.9	µg/kg	AEL	AEL96007305	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<375	µg/kg	LEA	96-3163-128	Volatile Organics
Trichloroethane,1,1,2-	ND<4.9	µg/kg	AEL	AEL96007305	Volatile Organics
Trichloroethylene	ND<4.9	µg/kg	AEL	AEL96007305	Volatile Organics
Trichloroethylene (mobile)	ND<36.3	µg/kg	LEA	96-3163-128	Volatile Organics
Trichloromonofluoromethane	ND<4.9	µg/kg	AEL	AEL96007305	Volatile Organics
Trichloropropane,1,2,3-	ND<4.9	µg/kg	AEL	AEL96007305	Volatile Organics
Vinyl Acetate	ND<4.9	µg/kg	AEL	AEL96007305	Volatile Organics
Vinyl Chloride	ND<4.9	µg/kg	AEL	AEL96007305	Volatile Organics
Xylenes (Total)	ND<4.9	µg/kg	AEL	AEL96007305	Volatile Organics
Xylenes (Total) (mobile)	ND<47	µg/kg	LEA	96-3163-128	Volatile Organics

Sample Identifier 1015492 12:32 From 8 to 10 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<13.9	µg/kg		LEA	96-3169-008	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.3	µg/kg		LEA	96-3169-008	Volatile Organics
Toluene (mobile)	ND<19.7	µg/kg		LEA	96-3169-008	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<342	µg/kg		LEA	96-3169-008	Volatile Organics
Trichloroethylene (mobile)	ND<33.2	µg/kg		LEA	96-3169-008	Volatile Organics

Sample Identifier 1015493 12:35 From 10 to 12 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<13.3	µg/kg		LEA	96-3170-009	Volatile Organics
Tetrachloroethylene (mobile)	ND<20.3	µg/kg		LEA	96-3170-009	Volatile Organics
Toluene (mobile)	ND<18.8	µg/kg		LEA	96-3170-009	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<325	µg/kg		LEA	96-3170-009	Volatile Organics
Trichloroethylene (mobile)	ND<31.5	µg/kg		LEA	96-3170-009	Volatile Organics

Sample Identifier 1015494 12:51 From 12 to 14 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<15.6	µg/kg		LEA	96-3171-010	Volatile Organics
Tetrachloroethylene (mobile)	ND<23.8	µg/kg		LEA	96-3171-010	Volatile Organics
Toluene (mobile)	ND<22.1	µg/kg		LEA	96-3171-010	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<382	µg/kg		LEA	96-3171-010	Volatile Organics
Trichloroethylene (mobile)	ND<37.1	µg/kg		LEA	96-3171-010	Volatile Organics

Sample Identifier 1015495 12:59 From 14 to 15 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class

LEA Data Management

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Location Identifier NK-SB-12

Benzene (mobile)	ND<12.6	µg/kg	LEA	96-3173-012	Volatile Organics
Tetrachloroethylene (mobile)	ND<19.3	µg/kg	LEA	96-3173-012	Volatile Organics
Toluene (mobile)	ND<17.9	µg/kg	LEA	96-3173-012	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<310	µg/kg	LEA	96-3173-012	Volatile Organics
Trichloroethylene (mobile)	ND<30.0	µg/kg	LEA	96-3173-012	Volatile Organics

Sample Date 7/ 3/96
Sample Identifier 1015676 12:05 From 5 to 7 Ground Water

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<0.010	mg/L		AEL	AEL96007381	Metals
Barium	0.019	mg/L		AEL	AEL96007381	Metals
Cadmium	ND<0.0010	mg/L		AEL	AEL96007381	Metals
Chromium	ND<0.010	mg/L		AEL	AEL96007381	Metals
Lead	ND<0.0050	mg/L		AEL	AEL96007381	Metals
Mercury	ND<0.0010	mg/L		AEL	AEL96007381	Metals
Nickel	ND<0.020	mg/L		AEL	AEL96007381	Metals
Selenium	ND<0.010	mg/L		AEL	AEL96007381	Metals
Silver	ND<0.010	mg/L		AEL	AEL96007381	Metals
Zinc	0.018	mg/L		AEL	AEL96007381	Metals
Total Petroleum Hydrocarbons	ND<1.0	mg/L		AEL	AEL96007381	Physical Analysis
Acetone	ND<25	µg/L		AEL	AEL96007381	Volatile Organics
Acrolein	ND<10	µg/L		AEL	AEL96007381	Volatile Organics
Acrylonitrile	ND<10	µg/L		AEL	AEL96007381	Volatile Organics
Benzene	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Bromobenzene	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Bromoform	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Carbon Disulfide	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Carbon Tetrachloride	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Chlorobenzene	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Chlorodibromomethane	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Chloroethane	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Chloroform	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Chlorotoluene,o-	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Chlorotoluene,p-	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Dibromomethane	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Dichlorobenzene,1,2-	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Dichlorobenzene,1,3-	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Dichlorobenzene,1,4-	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Dichlorobromomethane	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Dichlorodifluoromethane	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Dichloroethane,1,1-	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Dichloroethane,1,2-	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Dichloroethylene,1,1-	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Dichloroethylene,1,2-cis-	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Dichloroethylene,1,2-trans-	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Dichloropropane,1,2-	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Dichloropropylene,1,3-cis-	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Dichloropropylene,1,3-trans-	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
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Location Identifier NK-SB-12

Ethylbenzene	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Hexanone,2-	ND<10	µg/L		AEL	AEL96007381	Volatile Organics
Methyl Bromide	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Methyl Chloride	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Methyl Ethyl Ketone	ND<10	µg/L		AEL	AEL96007381	Volatile Organics
Methyl-2-pentanone,4-	ND<10	µg/L		AEL	AEL96007381	Volatile Organics
Methyl-tert-butyl Ether	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Methylene Chloride	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Styrene	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Tetrachloroethylene	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Toluene	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Trichloroethane,1,1,1-	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Trichloroethane,1,1,2-	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Trichloroethylene	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Trichloromonofluoromethane	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Trichloropropane,1,2,3-	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Vinyl Acetate	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Vinyl Chloride	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics
Xylenes (Total)	ND<4.0	µg/L		AEL	AEL96007381	Volatile Organics

Location Identifier NK-SB-13
Sample Date 6/28/96
Sample Identifier 1015496 13:20 From 0 to 2 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<13.9	µg/kg		LEA	96-3174-013	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.3	µg/kg		LEA	96-3174-013	Volatile Organics
Toluene (mobile)	ND<19.7	µg/kg		LEA	96-3174-013	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<342	µg/kg		LEA	96-3174-013	Volatile Organics
Trichloroethylene (mobile)	ND<33.2	µg/kg		LEA	96-3174-013	Volatile Organics

Sample Identifier 1015497 13:30 From 2 to 4 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Extraction Fluid No.	1			AEL	AEL96010879	Laboratory Parameter (SPLP)
Arsenic	1.21	mg/kg		AEL	AEL96007303	Metals
Barium	8.03	mg/kg		AEL	AEL96007303	Metals
Cadmium	ND<3.38	mg/kg		AEL	AEL96007303	Metals
Chromium	18.1	mg/kg		AEL	AEL96007303	Metals
Lead	ND<22.6	mg/kg		AEL	AEL96007303	Metals
Mercury	ND<0.226	mg/kg		AEL	AEL96007303	Metals
Nickel	17.2	mg/kg		AEL	AEL96007303	Metals
Selenium	ND<1.13	mg/kg		AEL	AEL96007303	Metals
Silver	ND<5.64	mg/kg		AEL	AEL96007303	Metals
Zinc	27.4	mg/kg		AEL	AEL96007303	Metals
Arsenic	ND<0.010	mg/L		AEL	AEL96010879	Metals (SPLP)
Barium	ND<1.00	mg/L		AEL	AEL96010879	Metals (SPLP)

LEA Data Management

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Cadmium	ND<0.0010	mg/L	AEL	AEL96010879	Metals (SPLP)
Chromium	ND<0.050	mg/L	AEL	AEL96010879	Metals (SPLP)
Lead	ND<0.0050	mg/L	AEL	AEL96010879	Metals (SPLP)
Mercury	ND<0.0020	mg/L	AEL	AEL96010879	Metals (SPLP)
Nickel	ND<0.10	mg/L	AEL	AEL96010879	Metals (SPLP)
Selenium	ND<0.010	mg/L	AEL	AEL96010879	Metals (SPLP)
Silver	ND<0.020	mg/L	AEL	AEL96010879	Metals (SPLP)
Zinc	ND<0.050	mg/L	AEL	AEL96010879	Metals (SPLP)
Total Petroleum Hydrocarbons	ND<38.1	mg/kg	AEL	AEL96007303	Physical Analysis
Acetone	ND<31	µg/kg	AEL	AEL96007303	Volatile Organics
Acrolein	ND<15	µg/kg	AEL	AEL96007303	Volatile Organics
Acrylonitrile	ND<15	µg/kg	AEL	AEL96007303	Volatile Organics
Benzene	ND<6.2	µg/kg	AEL	AEL96007303	Volatile Organics
Benzene (mobile)	ND<13.7	µg/kg	LEA	96-3175-014	Volatile Organics
Bromobenzene	ND<6.2	µg/kg	AEL	AEL96007303	Volatile Organics
Bromoform	ND<6.2	µg/kg	AEL	AEL96007303	Volatile Organics
Carbon Disulfide	ND<6.2	µg/kg	AEL	AEL96007303	Volatile Organics
Carbon Tetrachloride	ND<6.2	µg/kg	AEL	AEL96007303	Volatile Organics
Chlorobenzene	ND<6.2	µg/kg	AEL	AEL96007303	Volatile Organics
Chlorodibromomethane	ND<6.2	µg/kg	AEL	AEL96007303	Volatile Organics
Chloroethane	ND<6.2	µg/kg	AEL	AEL96007303	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<6.2	µg/kg	AEL	AEL96007303	Volatile Organics
Chloroform	ND<6.2	µg/kg	AEL	AEL96007303	Volatile Organics
Chlorotoluene,o-	ND<6.2	µg/kg	AEL	AEL96007303	Volatile Organics
Chlorotoluene,p-	ND<6.2	µg/kg	AEL	AEL96007303	Volatile Organics
Dibromomethane	ND<6.2	µg/kg	AEL	AEL96007303	Volatile Organics
Dichlorobenzene,1,2-	ND<6.2	µg/kg	AEL	AEL96007303	Volatile Organics
Dichlorobenzene,1,3-	ND<6.2	µg/kg	AEL	AEL96007303	Volatile Organics
Dichlorobenzene,1,4-	ND<6.2	µg/kg	AEL	AEL96007303	Volatile Organics
Dichlorobromomethane	ND<6.2	µg/kg	AEL	AEL96007303	Volatile Organics
Dichlorodifluoromethane	ND<6.2	µg/kg	AEL	AEL96007303	Volatile Organics
Dichloroethane,1,1-	ND<6.2	µg/kg	AEL	AEL96007303	Volatile Organics
Dichloroethane,1,2-	ND<6.2	µg/kg	AEL	AEL96007303	Volatile Organics
Dichloroethylene,1,1-	ND<6.2	µg/kg	AEL	AEL96007303	Volatile Organics
Dichloroethylene,1,2-cis-	ND<6.2	µg/kg	AEL	AEL96007303	Volatile Organics
Dichloroethylene,1,2-trans-	ND<6.2	µg/kg	AEL	AEL96007303	Volatile Organics
Dichloropropane,1,2-	ND<6.2	µg/kg	AEL	AEL96007303	Volatile Organics
Dichloropropylene,1,3-cis-	ND<6.2	µg/kg	AEL	AEL96007303	Volatile Organics
Dichloropropylene,1,3-trans-	ND<6.2	µg/kg	AEL	AEL96007303	Volatile Organics
Ethylbenzene	ND<6.2	µg/kg	AEL	AEL96007303	Volatile Organics
Hexanone,2-	ND<15	µg/kg	AEL	AEL96007303	Volatile Organics
Methyl Bromide	ND<6.2	µg/kg	AEL	AEL96007303	Volatile Organics
Methyl Chloride	ND<6.2	µg/kg	AEL	AEL96007303	Volatile Organics
Methyl Ethyl Ketone	ND<15	µg/kg	AEL	AEL96007303	Volatile Organics
Methyl-2-pentanone,4-	ND<15	µg/kg	AEL	AEL96007303	Volatile Organics
Methyl-tert-butyl Ether	ND<6.2	µg/kg	AEL	AEL96007303	Volatile Organics
Methylene Chloride	ND<6.2	µg/kg	AEL	AEL96007303	Volatile Organics
Styrene	ND<6.2	µg/kg	AEL	AEL96007303	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<6.2	µg/kg	AEL	AEL96007303	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<6.2	µg/kg	AEL	AEL96007303	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: Explosives Storage Building Area

Location Identifier NK-SB-13

Tetrachloroethylene	ND<6.2	µg/kg		AEL	AEL96007303	Volatile Organics
Tetrachloroethylene (mobile)	ND<20.9	µg/kg		LEA	96-3175-014	Volatile Organics
Toluene	ND<6.2	µg/kg		AEL	AEL96007303	Volatile Organics
Toluene (mobile)	ND<19.4	µg/kg		LEA	96-3175-014	Volatile Organics
Trichloroethane,1,1,1-	ND<6.2	µg/kg		AEL	AEL96007303	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<336	µg/kg		LEA	96-3175-014	Volatile Organics
Trichloroethane,1,1,2-	ND<6.2	µg/kg		AEL	AEL96007303	Volatile Organics
Trichloroethylene	ND<6.2	µg/kg		AEL	AEL96007303	Volatile Organics
Trichloroethylene (mobile)	ND<32.6	µg/kg		LEA	96-3175-014	Volatile Organics
Trichloromonofluoromethane	ND<6.2	µg/kg		AEL	AEL96007303	Volatile Organics
Trichloropropane,1,2,3-	ND<6.2	µg/kg		AEL	AEL96007303	Volatile Organics
Vinyl Acetate	ND<6.2	µg/kg		AEL	AEL96007303	Volatile Organics
Vinyl Chloride	ND<6.2	µg/kg		AEL	AEL96007303	Volatile Organics
Xylenes (Total)	ND<6.2	µg/kg		AEL	AEL96007303	Volatile Organics

Sample Identifier 1015498 13:50 From 4 to 6 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<15.6	µg/kg		LEA	96-3176-015	Volatile Organics
Tetrachloroethylene (mobile)	ND<23.8	µg/kg		LEA	96-3176-015	Volatile Organics
Toluene (mobile)	ND<22.1	µg/kg		LEA	96-3176-015	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<382	µg/kg		LEA	96-3176-015	Volatile Organics
Trichloroethylene (mobile)	ND<37.1	µg/kg		LEA	96-3176-015	Volatile Organics

Sample Identifier 1015499 14:00 From 6 to 8 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<15.0	µg/kg		LEA	96-3177-016	Volatile Organics
Tetrachloroethylene (mobile)	ND<22.9	µg/kg		LEA	96-3177-016	Volatile Organics
Toluene (mobile)	ND<21.2	µg/kg		LEA	96-3177-016	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<368	µg/kg		LEA	96-3177-016	Volatile Organics
Trichloroethylene (mobile)	ND<35.7	µg/kg		LEA	96-3177-016	Volatile Organics

Sample Identifier 1015500 14:02 From 8 to 10 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<14.7	µg/kg		LEA	96-3178-017	Volatile Organics
Tetrachloroethylene (mobile)	ND<22.5	µg/kg		LEA	96-3178-017	Volatile Organics
Toluene (mobile)	ND<20.8	µg/kg		LEA	96-3178-017	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<361	µg/kg		LEA	96-3178-017	Volatile Organics
Trichloroethylene (mobile)	ND<35.0	µg/kg		LEA	96-3178-017	Volatile Organics

Sample Identifier 1015501 14:07 From 10 to 12 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	6.9	mg/kg		AEL	AEL96007306	Metals
Barium	254	mg/kg		AEL	AEL96007306	Metals
Cadmium	ND<4.82	mg/kg		AEL	AEL96007306	Metals
Chromium	48.2	mg/kg		AEL	AEL96007306	Metals
Lead	ND<32.1	mg/kg		AEL	AEL96007306	Metals
Mercury	ND<0.321	mg/kg		AEL	AEL96007306	Metals
Nickel	43.4	mg/kg		AEL	AEL96007306	Metals
Selenium	ND<1.61	mg/kg		AEL	AEL96007306	Metals

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: Explosives Storage Building Area

Location Identifier NK-SB-13

Silver	ND<8.04	mg/kg	AEL	AEL96007306	Metals
Zinc	106	mg/kg	AEL	AEL96007306	Metals
Total Petroleum Hydrocarbons	ND<79.9	mg/kg	AEL	AEL96007306	Physical Analysis
Acetone	ND<120	µg/kg	AEL	AEL96007306	Volatile Organics
Acrolein	ND<61	µg/kg	AEL	AEL96007306	Volatile Organics
Acrylonitrile	ND<61	µg/kg	AEL	AEL96007306	Volatile Organics
Benzene	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Benzene (mobile)	ND<13.5	µg/kg	LEA	96-3179-018	Volatile Organics
Bromobenzene	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Bromoform	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Carbon Disulfide	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Carbon Tetrachloride	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Chlorobenzene	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Chlorodibromomethane	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Chloroethane	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Chloroform	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Chlorotoluene,o-	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Chlorotoluene,p-	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Dibromomethane	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Dichlorobenzene,1,2-	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Dichlorobenzene,1,3-	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Dichlorobenzene,1,4-	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Dichlorobromomethane	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Dichlorodifluoromethane	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Dichloroethane,1,1-	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Dichloroethane,1,2-	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Dichloroethylene,1,1-	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Dichloroethylene,1,2-cis-	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Dichloroethylene,1,2-trans-	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Dichloropropane,1,2-	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Dichloropropylene,1,3-cis-	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Dichloropropylene,1,3-trans-	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Ethylbenzene	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Hexanone,2-	ND<61	µg/kg	AEL	AEL96007306	Volatile Organics
Methyl Bromide	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Methyl Chloride	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Methyl Ethyl Ketone	ND<61	µg/kg	AEL	AEL96007306	Volatile Organics
Methyl-2-pentanone,4-	ND<61	µg/kg	AEL	AEL96007306	Volatile Organics
Methyl-tert-butyl Ether	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Methylene Chloride	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Styrene	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Tetrachloroethylene	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Tetrachloroethylene (mobile)	ND<20.6	µg/kg	LEA	96-3179-018	Volatile Organics
Toluene	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Toluene (mobile)	ND<19.1	µg/kg	LEA	96-3179-018	Volatile Organics
Trichloroethane,1,1,1-	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<331	µg/kg	LEA	96-3179-018	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: Explosives Storage Building Area

Location Identifier NK-SB-13

Trichloroethane,1,1,2-	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Trichloroethylene	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Trichloroethylene (mobile)	ND<32.0	µg/kg	LEA	96-3179-018	Volatile Organics
Trichloromonofluoromethane	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Trichloropropane,1,2,3-	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Vinyl Acetate	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Vinyl Chloride	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics
Xylenes (Total)	ND<24	µg/kg	AEL	AEL96007306	Volatile Organics

Sample Identifier 1015502 14:40 From 12 to 14 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<13.5	µg/kg		LEA	96-3180-019	Volatile Organics
Tetrachloroethylene (mobile)	ND<20.6	µg/kg		LEA	96-3180-019	Volatile Organics
Toluene (mobile)	ND<19.1	µg/kg		LEA	96-3180-019	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<331	µg/kg		LEA	96-3180-019	Volatile Organics
Trichloroethylene (mobile)	ND<32.0	µg/kg		LEA	96-3180-019	Volatile Organics

Sample Date 7/ 3/96
Sample Identifier 1015675 15:20 From 5 to 7 Ground Water

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<0.010	mg/L		AEL	AEL96007380	Metals
Barium	0.014	mg/L		AEL	AEL96007380	Metals
Cadmium	ND<0.0010	mg/L		AEL	AEL96007380	Metals
Chromium	ND<0.010	mg/L		AEL	AEL96007380	Metals
Lead	ND<0.0050	mg/L		AEL	AEL96007380	Metals
Mercury	ND<0.0010	mg/L		AEL	AEL96007380	Metals
Nickel	ND<0.020	mg/L		AEL	AEL96007380	Metals
Selenium	ND<0.010	mg/L		AEL	AEL96007380	Metals
Silver	ND<0.010	mg/L		AEL	AEL96007380	Metals
Zinc	0.042	mg/L		AEL	AEL96007380	Metals
Total Petroleum Hydrocarbons	ND<1.0	mg/L		AEL	AEL96007380	Physical Analysis
Acetone	ND<40	µg/L		AEL	AEL96007380	Volatile Organics
Acrolein	ND<10	µg/L		AEL	AEL96007380	Volatile Organics
Acrylonitrile	ND<10	µg/L		AEL	AEL96007380	Volatile Organics
Benzene	ND<4.0	µg/L		AEL	AEL96007380	Volatile Organics
Bromobenzene	ND<4.0	µg/L		AEL	AEL96007380	Volatile Organics
Bromoform	ND<4.0	µg/L		AEL	AEL96007380	Volatile Organics
Carbon Disulfide	ND<4.0	µg/L		AEL	AEL96007380	Volatile Organics
Carbon Tetrachloride	ND<4.0	µg/L		AEL	AEL96007380	Volatile Organics
Chlorobenzene	ND<4.0	µg/L		AEL	AEL96007380	Volatile Organics
Chlorodibromomethane	ND<4.0	µg/L		AEL	AEL96007380	Volatile Organics
Chloroethane	ND<4.0	µg/L		AEL	AEL96007380	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<4.0	µg/L		AEL	AEL96007380	Volatile Organics
Chloroform	ND<4.0	µg/L		AEL	AEL96007380	Volatile Organics
Chlorotoluene,o-	ND<4.0	µg/L		AEL	AEL96007380	Volatile Organics
Chlorotoluene,p-	ND<4.0	µg/L		AEL	AEL96007380	Volatile Organics
Dibromomethane	ND<4.0	µg/L		AEL	AEL96007380	Volatile Organics
Dichlorobenzene,1,2-	ND<4.0	µg/L		AEL	AEL96007380	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: Explosives Storage Building Area

Location Identifier NK-SB-13

Dichlorobenzene,1,3-	ND<4.0	µg/L	AEL	AEL96007380	Volatile Organics
Dichlorobenzene,1,4-	ND<4.0	µg/L	AEL	AEL96007380	Volatile Organics
Dichlorobromomethane	ND<4.0	µg/L	AEL	AEL96007380	Volatile Organics
Dichlorodifluoromethane	ND<4.0	µg/L	AEL	AEL96007380	Volatile Organics
Dichloroethane,1,1-	ND<4.0	µg/L	AEL	AEL96007380	Volatile Organics
Dichloroethane,1,2-	ND<4.0	µg/L	AEL	AEL96007380	Volatile Organics
Dichloroethylene,1,1-	ND<4.0	µg/L	AEL	AEL96007380	Volatile Organics
Dichloroethylene,1,2-cis-	ND<4.0	µg/L	AEL	AEL96007380	Volatile Organics
Dichloroethylene,1,2-trans-	ND<4.0	µg/L	AEL	AEL96007380	Volatile Organics
Dichloropropane,1,2-	ND<4.0	µg/L	AEL	AEL96007380	Volatile Organics
Dichloropropylene,1,3-cis-	ND<4.0	µg/L	AEL	AEL96007380	Volatile Organics
Dichloropropylene,1,3-trans-	ND<4.0	µg/L	AEL	AEL96007380	Volatile Organics
Ethylbenzene	ND<4.0	µg/L	AEL	AEL96007380	Volatile Organics
Hexanone,2-	ND<10	µg/L	AEL	AEL96007380	Volatile Organics
Methyl Bromide	ND<4.0	µg/L	AEL	AEL96007380	Volatile Organics
Methyl Chloride	ND<4.0	µg/L	AEL	AEL96007380	Volatile Organics
Methyl Ethyl Ketone	ND<10	µg/L	AEL	AEL96007380	Volatile Organics
Methyl-2-pentanone,4-	ND<10	µg/L	AEL	AEL96007380	Volatile Organics
Methyl-tert-butyl Ether	ND<4.0	µg/L	AEL	AEL96007380	Volatile Organics
Methylene Chloride	ND<4.0	µg/L	AEL	AEL96007380	Volatile Organics
Styrene	ND<4.0	µg/L	AEL	AEL96007380	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<4.0	µg/L	AEL	AEL96007380	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<4.0	µg/L	AEL	AEL96007380	Volatile Organics
Tetrachloroethylene	ND<4.0	µg/L	AEL	AEL96007380	Volatile Organics
Toluene	ND<4.0	µg/L	AEL	AEL96007380	Volatile Organics
Trichloroethane,1,1,1-	ND<4.0	µg/L	AEL	AEL96007380	Volatile Organics
Trichloroethane,1,1,2-	ND<4.0	µg/L	AEL	AEL96007380	Volatile Organics
Trichloroethylene	ND<4.0	µg/L	AEL	AEL96007380	Volatile Organics
Trichloromonofluoromethane	ND<4.0	µg/L	AEL	AEL96007380	Volatile Organics
Trichloropropane,1,2,3-	ND<4.0	µg/L	AEL	AEL96007380	Volatile Organics
Vinyl Acetate	ND<4.0	µg/L	AEL	AEL96007380	Volatile Organics
Vinyl Chloride	ND<4.0	µg/L	AEL	AEL96007380	Volatile Organics
Xylenes (Total)	ND<4.0	µg/L	AEL	AEL96007380	Volatile Organics

Location Identifier NK-SB-211
Sample Date 10/17/96
Sample Identifier 1019322 10:30 From 0 to 2 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<6.02	µg/kg		LEA	96-5238-077	Volatile Organics
Ethylbenzene (mobile)	ND<13.0	µg/kg		LEA	96-5238-077	Volatile Organics
Tetrachloroethylene (mobile)	ND<16.3	µg/kg		LEA	96-5238-077	Volatile Organics
Toluene (mobile)	ND<9.09	µg/kg		LEA	96-5238-077	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<163	µg/kg		LEA	96-5238-077	Volatile Organics
Trichloroethylene (mobile)	ND<16.0	µg/kg		LEA	96-5238-077	Volatile Organics

Sample Identifier 1019323 10:40 From 2 to 4 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: Explosives Storage Building Area

Location Identifier NK-SB-211

Chromium	ND<5.81	mg/kg		AEL	AEL97001947	Metals
Benzene (mobile)	ND<7.23	µg/kg		LEA	96-5239-078	Volatile Organics
Ethylbenzene (mobile)	ND<15.5	µg/kg		LEA	96-5239-078	Volatile Organics
Tetrachloroethylene (mobile)	ND<19.5	µg/kg		LEA	96-5239-078	Volatile Organics
Toluene (mobile)	ND<10.9	µg/kg		LEA	96-5239-078	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<195	µg/kg		LEA	96-5239-078	Volatile Organics
Trichloroethylene (mobile)	ND<19.2	µg/kg		LEA	96-5239-078	Volatile Organics

Sample Identifier 1019324 10:50 From 4 to 6 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.36	µg/kg		LEA	96-5240-079	Volatile Organics
Ethylbenzene (mobile)	ND<15.8	µg/kg		LEA	96-5240-079	Volatile Organics
Tetrachloroethylene (mobile)	ND<19.9	µg/kg		LEA	96-5240-079	Volatile Organics
Toluene (mobile)	ND<11.1	µg/kg		LEA	96-5240-079	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<199	µg/kg		LEA	96-5240-079	Volatile Organics
Trichloroethylene (mobile)	ND<19.6	µg/kg		LEA	96-5240-079	Volatile Organics

Sample Identifier 1019325 11:00 From 6 to 8 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<6.85	µg/kg		LEA	96-5241-080	Volatile Organics
Ethylbenzene (mobile)	ND<14.7	µg/kg		LEA	96-5241-080	Volatile Organics
Tetrachloroethylene (mobile)	ND<18.5	µg/kg		LEA	96-5241-080	Volatile Organics
Toluene (mobile)	ND<10.3	µg/kg		LEA	96-5241-080	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<185	µg/kg		LEA	96-5241-080	Volatile Organics
Trichloroethylene (mobile)	ND<18.2	µg/kg		LEA	96-5241-080	Volatile Organics

Sample Identifier 1019326 11:10 From 6 to 8 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<6.63	µg/kg		LEA	96-5242-081	Volatile Organics
Ethylbenzene (mobile)	ND<14.3	µg/kg		LEA	96-5242-081	Volatile Organics
Tetrachloroethylene (mobile)	ND<17.9	µg/kg		LEA	96-5242-081	Volatile Organics
Toluene (mobile)	ND<10.0	µg/kg		LEA	96-5242-081	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<179	µg/kg		LEA	96-5242-081	Volatile Organics
Trichloroethylene (mobile)	ND<17.6	µg/kg		LEA	96-5242-081	Volatile Organics

Sample Identifier 1019327 11:20 From 8 to 10 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<8.28	µg/kg		LEA	96-5245-085	Volatile Organics
Ethylbenzene (mobile)	ND<17.8	µg/kg		LEA	96-5245-085	Volatile Organics
Tetrachloroethylene (mobile)	ND<22.3	µg/kg		LEA	96-5245-085	Volatile Organics
Toluene (mobile)	ND<12.5	µg/kg		LEA	96-5245-085	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<224	µg/kg		LEA	96-5245-085	Volatile Organics
Trichloroethylene (mobile)	ND<22.0	µg/kg		LEA	96-5245-085	Volatile Organics

Sample Identifier 1019328 11:30 From 10 to 12 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<6.97	µg/kg		LEA	96-5246-086	Volatile Organics
Ethylbenzene (mobile)	ND<15.0	µg/kg		LEA	96-5246-086	Volatile Organics
Tetrachloroethylene (mobile)	ND<18.8	µg/kg		LEA	96-5246-086	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: Explosives Storage Building Area

Location Identifier NK-SB-211

Toluene (mobile)	ND<10.5	µg/kg	LEA	96-5246-086	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<188	µg/kg	LEA	96-5246-086	Volatile Organics
Trichloroethylene (mobile)	ND<18.6	µg/kg	LEA	96-5246-086	Volatile Organics

Location Identifier NK-SB-212

Sample Date 10/17/96

Sample Identifier 1019329 12:45 From 0 to 2 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<8.11	µg/kg		LEA	96-5247-087	Volatile Organics
Ethylbenzene (mobile)	ND<17.4	µg/kg		LEA	96-5247-087	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.9	µg/kg		LEA	96-5247-087	Volatile Organics
Toluene (mobile)	ND<12.2	µg/kg		LEA	96-5247-087	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<219	µg/kg		LEA	96-5247-087	Volatile Organics
Trichloroethylene (mobile)	ND<21.6	µg/kg		LEA	96-5247-087	Volatile Organics

Sample Identifier 1019330 12:55 From 2 to 4 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<6.85	µg/kg		LEA	96-5248-088	Volatile Organics
Ethylbenzene (mobile)	ND<14.7	µg/kg		LEA	96-5248-088	Volatile Organics
Tetrachloroethylene (mobile)	ND<18.5	µg/kg		LEA	96-5248-088	Volatile Organics
Toluene (mobile)	ND<10.3	µg/kg		LEA	96-5248-088	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<185	µg/kg		LEA	96-5248-088	Volatile Organics
Trichloroethylene (mobile)	ND<18.2	µg/kg		LEA	96-5248-088	Volatile Organics

Sample Identifier 1019331 13:05 From 4 to 6 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.50	µg/kg		LEA	96-5249-089	Volatile Organics
Ethylbenzene (mobile)	ND<16.1	µg/kg		LEA	96-5249-089	Volatile Organics
Tetrachloroethylene (mobile)	ND<20.2	µg/kg		LEA	96-5249-089	Volatile Organics
Toluene (mobile)	ND<11.3	µg/kg		LEA	96-5249-089	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<203	µg/kg		LEA	96-5249-089	Volatile Organics
Trichloroethylene (mobile)	ND<20.0	µg/kg		LEA	96-5249-089	Volatile Organics

Sample Identifier 1019332 13:15 From 6 to 8 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.36	µg/kg		LEA	96-5250-090	Volatile Organics
Ethylbenzene (mobile)	ND<15.8	µg/kg		LEA	96-5250-090	Volatile Organics
Tetrachloroethylene (mobile)	ND<19.9	µg/kg		LEA	96-5250-090	Volatile Organics
Toluene (mobile)	ND<11.1	µg/kg		LEA	96-5250-090	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<199	µg/kg		LEA	96-5250-090	Volatile Organics
Trichloroethylene (mobile)	ND<19.6	µg/kg		LEA	96-5250-090	Volatile Organics

Sample Identifier 1019333 13:25 From 8 to 10 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<5.60	µg/kg		LEA	96-5251-091	Volatile Organics
Ethylbenzene (mobile)	ND<12.0	µg/kg		LEA	96-5251-091	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: Explosives Storage Building Area

Location Identifier NK-SB-212

Tetrachloroethylene (mobile)	ND<15.1	µg/kg	LEA	96-5251-091	Volatile Organics
Toluene (mobile)	ND<8.45	µg/kg	LEA	96-5251-091	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<151	µg/kg	LEA	96-5251-091	Volatile Organics
Trichloroethylene (mobile)	ND<14.9	µg/kg	LEA	96-5251-091	Volatile Organics

Sample Identifier 1019334 13:35 From 10 to 12 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.95	µg/kg		LEA	96-5252-092	Volatile Organics
Ethylbenzene (mobile)	ND<17.1	µg/kg		LEA	96-5252-092	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.5	µg/kg		LEA	96-5252-092	Volatile Organics
Toluene (mobile)	ND<12.0	µg/kg		LEA	96-5252-092	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<215	µg/kg		LEA	96-5252-092	Volatile Organics
Trichloroethylene (mobile)	ND<21.2	µg/kg		LEA	96-5252-092	Volatile Organics

Location Identifier NK-SB-213
Sample Date 10/17/96

Sample Identifier 1019335 14:20 From 0 to 2 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.95	µg/kg		LEA	96-5253-093	Volatile Organics
Ethylbenzene (mobile)	ND<17.1	µg/kg		LEA	96-5253-093	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.5	µg/kg		LEA	96-5253-093	Volatile Organics
Toluene (mobile)	ND<12.0	µg/kg		LEA	96-5253-093	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<215	µg/kg		LEA	96-5253-093	Volatile Organics
Trichloroethylene (mobile)	ND<21.2	µg/kg		LEA	96-5253-093	Volatile Organics

Sample Identifier 1019336 14:30 From 2 to 4 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.79	µg/kg		LEA	96-5255-097	Volatile Organics
Ethylbenzene (mobile)	ND<16.8	µg/kg		LEA	96-5255-097	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.0	µg/kg		LEA	96-5255-097	Volatile Organics
Toluene (mobile)	ND<11.8	µg/kg		LEA	96-5255-097	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<211	µg/kg		LEA	96-5255-097	Volatile Organics
Trichloroethylene (mobile)	ND<20.7	µg/kg		LEA	96-5255-097	Volatile Organics

Sample Identifier 1019337 14:40 From 4 to 6 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.95	µg/kg		LEA	96-5256-098	Volatile Organics
Ethylbenzene (mobile)	ND<17.1	µg/kg		LEA	96-5256-098	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.5	µg/kg		LEA	96-5256-098	Volatile Organics
Toluene (mobile)	ND<12.0	µg/kg		LEA	96-5256-098	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<215	µg/kg		LEA	96-5256-098	Volatile Organics
Trichloroethylene (mobile)	ND<21.2	µg/kg		LEA	96-5256-098	Volatile Organics

Sample Identifier 1019338 14:50 From 6 to 8 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Acetone	ND<29	µg/kg		AEL	AEL96012050	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: Explosives Storage Building Area

Location Identifier NK-SB-213

Acrolein	ND<14	µg/kg	AEL	AEL96012050	Volatile Organics
Acrylonitrile	ND<14	µg/kg	AEL	AEL96012050	Volatile Organics
Benzene	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Benzene (mobile)	ND<6.63	µg/kg	LEA	96-5257-099	Volatile Organics
Bromobenzene	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Bromoform	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Carbon Disulfide	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Carbon Tetrachloride	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Chlorobenzene	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Chlorodibromomethane	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Chloroethane	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Chloroform	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Chlorotoluene,o-	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Chlorotoluene,p-	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Dibromomethane	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Dichlorobenzene,1,2-	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Dichlorobenzene,1,3-	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Dichlorobenzene,1,4-	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Dichlorobromomethane	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Dichlorodifluoromethane	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Dichloroethane,1,1-	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Dichloroethane,1,2-	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Dichloroethylene,1,1-	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Dichloroethylene,1,2-cis-	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Dichloroethylene,1,2-trans-	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Dichloropropane,1,2-	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Dichloropropylene,1,3-cis-	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Dichloropropylene,1,3-trans-	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Ethylbenzene	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Ethylbenzene (mobile)	ND<14.3	µg/kg	LEA	96-5257-099	Volatile Organics
Hexanone,2-	ND<14	µg/kg	AEL	AEL96012050	Volatile Organics
Methyl Bromide	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Methyl Chloride	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Methyl Ethyl Ketone	ND<14	µg/kg	AEL	AEL96012050	Volatile Organics
Methyl-2-pentanone,4-	ND<14	µg/kg	AEL	AEL96012050	Volatile Organics
Methyl-tert-butyl Ether	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Methylene Chloride	ND<13	µg/kg	AEL	AEL96012050	Volatile Organics
Styrene	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Tetrachloroethylene	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Tetrachloroethylene (mobile)	ND<17.9	µg/kg	LEA	96-5257-099	Volatile Organics
Toluene	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Toluene (mobile)	ND<10.0	µg/kg	LEA	96-5257-099	Volatile Organics
Trichloroethane,1,1,1-	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<179	µg/kg	LEA	96-5257-099	Volatile Organics
Trichloroethane,1,1,2-	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Trichloroethylene	ND<5.7	µg/kg	AEL	AEL96012050	Volatile Organics
Trichloroethylene (mobile)	ND<17.6	µg/kg	LEA	96-5257-099	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: Explosives Storage Building Area

Location Identifier NK-SB-213

Trichloromonofluoromethane	ND<5.7	µg/kg		AEL	AEL96012050	Volatile Organics
Trichloropropane,1,2,3-	ND<5.7	µg/kg		AEL	AEL96012050	Volatile Organics
Vinyl Acetate	ND<5.7	µg/kg		AEL	AEL96012050	Volatile Organics
Vinyl Chloride	ND<5.7	µg/kg		AEL	AEL96012050	Volatile Organics
Xylenes (Total)	ND<5.7	µg/kg		AEL	AEL96012050	Volatile Organics

Sample Identifier 1019339 15:00 From 8 to 10 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<6.97	µg/kg		LEA	96-5260-102	Volatile Organics
Ethylbenzene (mobile)	ND<15.0	µg/kg		LEA	96-5260-102	Volatile Organics
Tetrachloroethylene (mobile)	ND<18.8	µg/kg		LEA	96-5260-102	Volatile Organics
Toluene (mobile)	ND<10.5	µg/kg		LEA	96-5260-102	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<188	µg/kg		LEA	96-5260-102	Volatile Organics
Trichloroethylene (mobile)	ND<18.6	µg/kg		LEA	96-5260-102	Volatile Organics
Xylenes (Total) (mobile)	ND<30	µg/kg		LEA	96-5260-102	Volatile Organics

Sample Identifier 1019340 15:10 From 10 to 12 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<6.52	µg/kg		LEA	96-5261-103	Volatile Organics
Ethylbenzene (mobile)	ND<14.0	µg/kg		LEA	96-5261-103	Volatile Organics
Tetrachloroethylene (mobile)	ND<17.6	µg/kg		LEA	96-5261-103	Volatile Organics
Toluene (mobile)	ND<9.84	µg/kg		LEA	96-5261-103	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<176	µg/kg		LEA	96-5261-103	Volatile Organics
Trichloroethylene (mobile)	ND<17.3	µg/kg		LEA	96-5261-103	Volatile Organics
Xylenes (Total) (mobile)	ND<28	µg/kg		LEA	96-5261-103	Volatile Organics

UNIT SPECIFIC TECHNICAL MEMORANDUM: OUTSIDE CHEMICAL STORAGE SHED

PRATT & WHITNEY, EAST HARTFORD, CT

AREA: North Klondike

DRAFT

SUB-AREA: Explosives Storage Area

ENVIRONMENTAL UNIT: Outside Chemical Storage Shed

Location: North Klondike (Suntan) Area; fifth road south on north access road, from Perimeter Road (Drawing ___).

Description: The Outside Chemical Storage Shed was 8 feet by 25 feet and was surrounded by a 30 foot by 35 foot chain link fence. The shed no longer exists.

Dates of Operation: Approximately 1957 to 1993.

Processes: Storage of acids, bases, and cleaning solvents.

Specific Contaminants of Concern: Acids, bases, and cleaning solvents.

Area-wide Classes of Contaminants: Volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), the RCRA 8 metals plus nickel and zinc, and total petroleum hydrocarbons (TPH).

Potential Release Mechanism: Impacts to soils and groundwater associated with potential spillage or leakage associated with storage of chemicals inside the shed with potential subsequent migration to the subsurface.

INVESTIGATION AND REMEDIATION ACTIVITIES:

Due to the potential for a release associated with chemicals stored in the shed, a subsurface investigation to determine the degree and extent of soil contamination was performed in July and October 1996. Prior to 1996, no investigation had reportedly been performed.

July 1996 Investigation (LEA):

Description: On July 8, 1996, two soil borings (NK-SB-14 and NK-SB-15) were advanced to a depth of 15 feet in the vicinity of the Outdoor Chemical Storage Shed, as shown on Figure ___. The depth of 15 feet was selected to ensure that sufficient data were collected for comparisons against the direct exposure criteria in the Connecticut Remediation Standard Regulation (RSR). Soil samples were collected from each of the borings in continuous 2-foot intervals to 14 feet, with a one foot interval from 14 to 15 feet.

A total of 17 soil samples were submitted to the LEA Analytical Laboratory and screened for the presence of select VOCs. Based on visual, olfactory, or instrument evidence, and with consideration of the potential release mechanism, two samples from each boring and one duplicate were submitted to Averill Environmental Laboratory, Inc. (AEL) and analyzed for the presence of VOCs, the RCRA 8 metals plus nickel and zinc, and TPH. SVOCs were not included because TPH was being used as an indicator to determine whether a release had occurred. One sample at a depth of 2 to 4 feet from each boring was also analyzed for pH for a background comparison for the adjacent unit (the Chemical Storage Building).

On July 8, 1996, a groundwater sample was collected from both borings (NK-SB-14 and NK-SB-15) using Geoprobe® screen-point groundwater sampling techniques. The groundwater samples were collected from a depth of 5 to 7 feet below the ground surface. The groundwater samples were submitted to AEL for analysis for VOCs, the RCRA 8 metals plus nickel and zinc, and TPH. A summary of the samples collected and analyses performed during this investigation is included in Table 1.

Investigation Results: Based on the boring logs, groundwater was encountered at approximately 4 feet in both borings. Varved clay was encountered at approximately 10.5 feet in both borings. No visual or olfactory evidence of contamination was noted on the boring logs.

Concentrations of constituents detected in soil samples collected for this unit are presented in Table 2. The highest concentration of each constituent detected above background at each sampling location is shown on Figure ___. No VOCs were detected in the soil samples submitted to the LEA Analytical Laboratory. Methyl ethyl ketone (MEK) was the only VOC detected in the soil samples submitted to AEL. MEK was detected in the 2 to 4 foot sample from NK-SB-15 at a concentration of 19 micrograms per kilogram (μg/kg).

One or more of the metals analyzed were detected in each of the four samples submitted for analysis. These metals include barium, chromium, and zinc. No TPH was detected in the soil samples submitted to AEL. A pH of 6.0 and 4.8 was detected in the soil at a depth of 2 to 4 feet in NK-SB-14 and NK-SB-15, respectively.

Concentrations of constituents detected in groundwater samples collected for this unit are presented in Table 3. No VOCs or TPH were detected in the groundwater samples submitted to AEL. One or more of the metals analyzed were detected in each of the two groundwater samples submitted for analysis. These metals include barium and zinc.

Data Evaluation and Conclusions: Based on the presence of MEK in the soil from one boring, there is evidence that a release may have occurred. The degree and extent of the release has not been adequately characterized in the vicinity of the former Outdoor Chemical Storage Shed.

The data were compared against the default numeric criteria included in the RSR and the site-specific background soil concentrations for the North Klondike for various inorganic constituents (Fuss & O'Neill, 1994). Criteria are established in the RSR based on exposure pathways for various environmental media, including soil and groundwater. A qualitative evaluation was performed

because characterization of the identified contamination has not been completed. The intent of the comparison is not to show compliance with the RSR, but rather to give a general perspective regarding the magnitude of contamination detected. This qualitative evaluation of the soils data is based on a comparison to the residential and industrial/commercial direct exposure criteria (DEC), the GB pollutant mobility criteria (PMC) included in the RSR, as well as the site-specific background soil concentrations. The qualitative evaluation of the groundwater data is based on a comparison to the surface water protection criteria (SWPC) and the residential and industrial/commercial volatilization criteria included in the RSR.

The concentrations of the metals detected in the soil samples are typical of "Walpole Soils" background concentrations and are not indicative of a release from this unit. For the MEK and metals detected in soil, no exceedances of the residential or industrial/commercial direct exposure criteria were noted. For the MEK detected in soil from above the water table, no exceedance of the GB pollutant mobility criterion was noted.

The concentrations of barium and zinc detected in groundwater, both of which occur naturally, are typical of background concentrations and are not indicative of a release from this unit. For the metals detected in groundwater, no exceedances of the surface water protection criteria were noted. Constituents detected in groundwater are presented in detail in *Summary of Groundwater Sampling and Analysis, North Airport and North Klondike Areas.*

With respect to the presence of MEK in the soil, additional soil data were necessary to define the extent of the contamination.

October 1996 Investigation (LEA):

Description: On October 15, 1996, three soil borings (NK-SB-205 through NK-SB-207) were advanced to a depth of 12 feet in a triangle around boring NK-SB-15 where MEK was detected at a depth of 2 to 4 feet, as shown on Figure ___. The depth of 12 feet was selected to ensure that the top of the varved clay was encountered. Soil samples were collected from each of the borings in continuous 2-foot intervals.

yes, why?

A total of 18 soil samples were submitted to the LEA Analytical Laboratory and screened for the presence of select VOCs. Based on visual, olfactory, or instrument evidence, and with consideration of the potential release mechanism, two samples from each boring were submitted to AEL and analyzed for the presence of VOCs. However, only one sample was selected from boring NK-SB-205. [WHY?] One of the two samples in each boring (and the single sample from NK-SB-205) was selected from 2 to 4 feet, the same interval where MEK had been detected in boring NK-SB-15. One sample at a depth of 2 to 4 feet from each boring was also analyzed for pH for a background comparison for the adjacent unit (the Chemical Storage Building). A summary of the samples collected and analyses performed during this investigation is included in Table 1.

Investigation Results: Based on the boring logs, groundwater was encountered at approximately 6 feet in all three borings. Varved clay was encountered at approximately 9 feet in boring NK-SB-

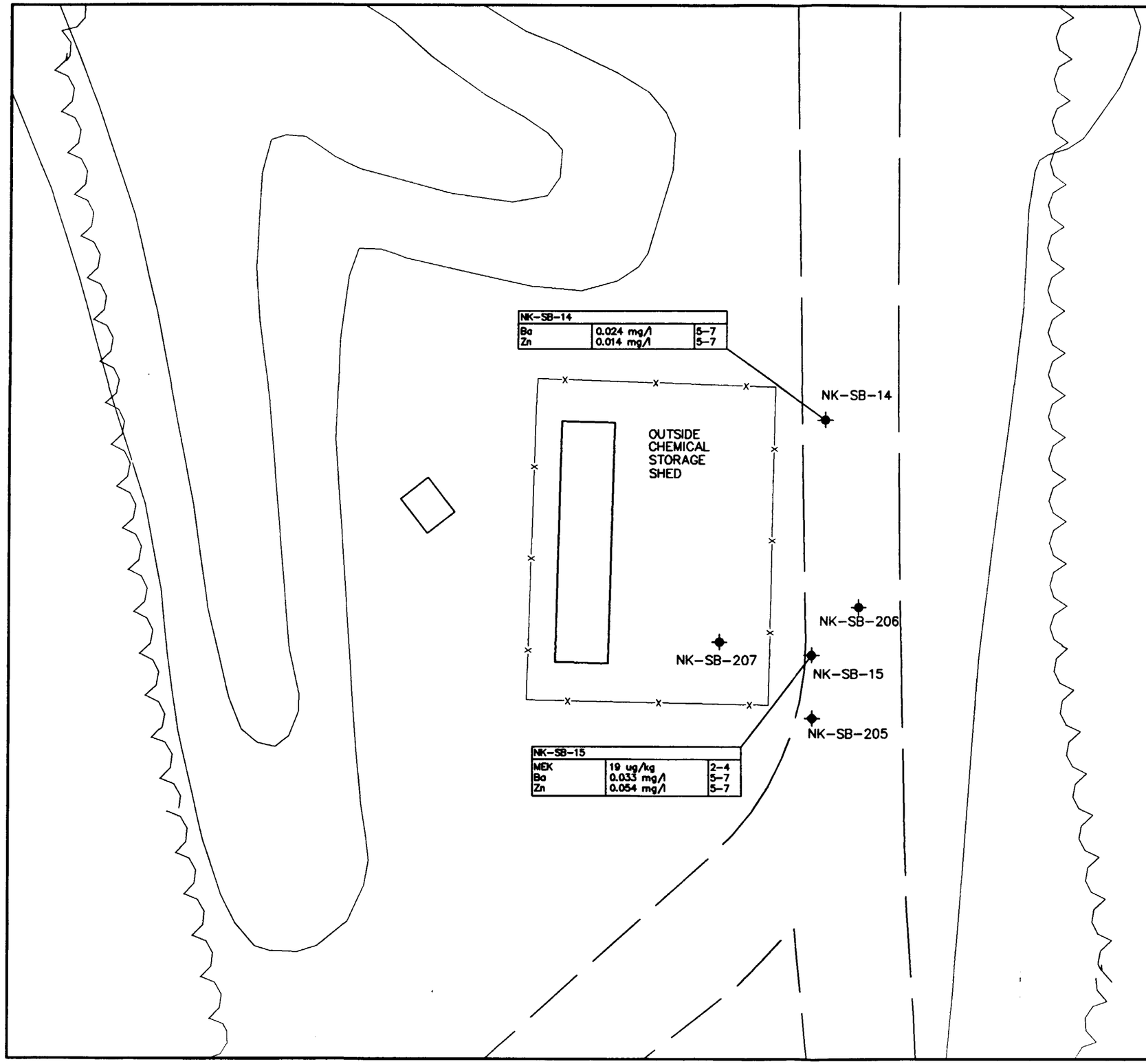
207 and 9.5 feet in NK-SB-205 and NK-SB-206. No visual or olfactory evidence of contamination was noted on the boring logs.

Concentrations of constituents detected in soil samples collected for this unit are presented in Table 2. No VOCs were detected in the soil samples submitted to the LEA Analytical Laboratory or AEL. A pH of 5.3, 5.3, and 6.6 was detected in the soil at a depth of 2 to 4 feet in NK-SB-205, NK-SB-206, and NK-SB-207, respectively.

Data Evaluation and Conclusions: Based on the lack of VOCs in the soil from the borings around NK-SB-15 (where MEK had been detected), there is no confirming evidence that a release may have occurred. The degree and extent of the release has been adequately characterized in the vicinity of the former Outdoor Chemical Storage Shed.

PROPOSED ACTIONS:

Adequate characterization has been performed to address possible releases in the vicinity of the former Outdoor Chemical Storage Shed. For the detected constituents, no exceedances of default numeric criteria were detected, and no further evaluation or remedial activity is warranted.



LEGEND

- MONITORING WELL
- SOIL BORING
- MICROWELL
- VAPOR EXTRACTION WELL
- SOIL SAMPLE
- SEDIMENT/SLUDGE SURFACE WATER SAMPLE
- TEST PIT

LOCATION IDENTIFIER → CA-5D

CHEMICAL NAME		DEPTH IN FEET
PCE	3900 ug/kg *	10-12
PCE	100 ug/l	10-12
As	8.25 mg/kg	10-12
As SPLP	0.010 mg/l	10-12
Ba	0.028 ug/l	10-12

HIGHEST CONCENTRATION OF CONSTITUENT DETECTED IN BORING

* Indicates analysis by mobile laboratory

NOTES:
SOIL UNITS ARE ug/kg or mg/kg
GROUNDWATER UNITS ARE ug/l or mg/l
SPLP UNITS ARE mg/l

ABBREVIATIONS

VOCs

Acetone	ACT
Benzene	BZ
Carbon disulfide	CDIS
Chlorobenzene	CBZ
Chloroform	CFM
Chloroethane	CEA
1,2-Dichlorobenzene	2DCB
1,3-Dichlorobenzene	3DCB
1,4-Dichlorobenzene	4DCB
1,1-Dichloroethane	11DCA
1,2-Dichloroethane	12DCA
1,1-Dichloroethylene	11DCE
1,2-Dichloroethylene	12DCE
Cis-1,2-Dichloroethylene	CDCE
Trans-1,2-Dichloroethylene	TDCE
Ethylbenzene	EBZ
Methyl chloride(Chloromethane)	MCM
Methylene chloride	MC
Methyl ethyl ketone	MEK
Methyl-tert-butyl ether	MTBE
Tetrachloroethylene	PCE
1,1,2,2-Tetrachloroethane	1122TTCA
Toluene	TL
1,1,1-Trichloroethane	TCA
1,1,2-Trichloroethane	112TCA
Trichloroethylene	TCE
Vinyl chloride	VC
Xylenes	XYL

SVOCs

Anthracene	ANTH
Acenaphthene	ACN
Acenaphthylene	ACNE
Benzo[a]anthracene	BA
Benzo[a]pyrene	BAP
Benzo[b]fluoranthene	BBF
Benzo[ghi]perylene	BGP
Benzo[k]fluoranthene	BKF
Bis(2ethylhexyl)phthalate	DEHP
Butyl benzyl phthalate	BBP
Chryseene	CRYS
Dibenzo[a,h]anthracene	DBA
Di-n-butyl phthalate	DBP
Flouranthene	FA
Fluorene	FLE
Indeno(1,2,3-cd)pyrene	IP
Napthalene	NAP
Phenanthrene	PHN
Pyrene	PYR

METALS

Arsenic	As	Lead	Pb
Barium	Ba	Mercury	Hg
Beryllium	Be	Nickel	Ni
Cadmium	Cd	Selenium	Se
Chromium (total)	Cr	Silver	Ag
Copper	Cu	Zinc	Zn

MISC.

Total Petroleum Hydrocarbons	TPH
Polychlorinated Biphenyl	PCB

5 0 5 10 15

SCALE IN FEET

N

AIRPORT/KLONDIKE INVESTIGATION
PRATT & WHITNEY, EAST HARTFORD, CT
EXPLOSIVES STORAGE AREA
OUTSIDE CHEMICAL STORAGE SHED
LOCATION & CONSTITUENTS DETECTED MAP

Comm.No. | FIG. | LEA

EXPLOCSS 10-8-87

Table 1
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

Sample Information						Analysis Information								
Location ID	Sample ID	Sample Date	From (ft)	To (ft)	Class	Portable GC	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides	PCBs	Metals	Extraction	Miscellaneous
NK-SB-14	1015674	7/ 3/96	5	7	GW		x					X		x
NK-SB-14	1015581	7/ 8/96	0	2	SB	x								
NK-SB-14	1015582	7/ 8/96	2	4	SB	x	x					X	x	X
NK-SB-14	1015583	7/ 8/96	4	6	SB	x	x					X		x
NK-SB-14	1015584	7/ 8/96	6	8	SB	x								
NK-SB-14	1015585	7/ 8/96	8	10	SB	x								
NK-SB-14	1015586	7/ 8/96	10	12	SB	x								
NK-SB-14	1015587	7/ 8/96	12	14	SB	x								
NK-SB-14	1015588	7/ 8/96	14	15	SB	x								
NK-SB-15	1015672	7/ 3/96	5	7	GW		x					X		x
NK-SB-15	1015572	7/ 8/96	0	2	SB	x								
NK-SB-15	1015573	7/ 8/96	2	4	SB	x	X					X	x	X
NK-SB-15	1015574	7/ 8/96	4	6	SB	x								
NK-SB-15	1015575	7/ 8/96	6	8	SB	x	x					X		x
NK-SB-15	1015576	7/ 8/96	6	8	SB	x	x					X		x
NK-SB-15	1015577	7/ 8/96	8	10	SB	x								
NK-SB-15	1015578	7/ 8/96	10	12	SB	x								
NK-SB-15	1015579	7/ 8/96	12	14	SB	x								
NK-SB-15	1015580	7/ 8/96	14	15	SB	x								
NK-SB-205	1019283	10/15/96	0	2	SB	x								
NK-SB-205	1019284	10/15/96	2	4	SB	x	x							X
NK-SB-205	1019285	10/15/96	4	6	SB	x								
NK-SB-205	1019286	10/15/96	6	8	SB	x								
NK-SB-205	1019287	10/15/96	8	10	SB	x								
NK-SB-205	1019288	10/15/96	10	12	SB	x								
NK-SB-206	1019289	10/15/96	0	2	SB	x								
NK-SB-206	1019290	10/15/96	2	4	SB	x	x							X
NK-SB-206	1019291	10/15/96	4	6	SB	x	x							
NK-SB-206	1019292	10/15/96	6	8	SB	x								
NK-SB-206	1019293	10/15/96	8	10	SB	x								
NK-SB-206	1019294	10/15/96	10	12	SB	x								

Notes: 1. Legend: X - Analysed; at least one analyte over the detection limit; x - Analysed, no analytes in group over the detection limit
2. Printed on 10/03/1997

LEA

Table 1
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

Sample Information						Analysis Information								
Location ID	Sample ID	Sample Date	From (ft)	To (ft)	Class	Portable GC	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides	PCBs	Metals	Extraction	Miscellaneous
NK-SB-207	1019295	10/15/96	0	2	SB	x	x							
NK-SB-207	1019296	10/15/96	2	4	SB	x	x							X
NK-SB-207	1019297	10/15/96	4	6	SB	x								
NK-SB-207	1019298	10/15/96	6	8	SB	x								
NK-SB-207	1019299	10/15/96	8	10	SB	x								
NK-SB-207	1019300	10/15/96	10	12	SB	x								

Notes: 1. Legend: X - Analysed; at least one analyte over the detection limit; x - Analysed, no analytes in group over the detection limit
2. Printed on 10/03/1997

LEA

Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOIL
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

	Location ID	NK-SB-14	NK-SB-14	NK-SB-14	NK-SB-14	NK-SB-15	NK-SB-15	NK-SB-15
	Sample ID	1015582	1015582	1015582	1015583	1015573	1015573	1015573
	Sample Date	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996	07/08/1996
	Sample Time	14:50	14:50	14:50	14:59	12:53	12:53	12:53
	Sample Depth	2' - 4'	2' - 4'	2' - 4'	4' - 6'	2' - 4'	2' - 4'	2' - 4'
	Laboratory	AEL	AEL	AEL	AEL	AEL	AEL	AEL
	Lab. Number	AEL96007504	AEL96010880	AEL97002197	AEL96007505	AEL96007501	AEL96010881	AEL97002196
Constituent	Units							
Date Metals Analyzed	-	07/18/1996			07/18/1996	07/18/1996		
Date Organics Analyzed	-					07/15/1996		
Date of Other SPLP Analysis	-		10/02/1996				10/16/1996	
Extraction Fluid No.	-		1				1	
Barium	mg/kg	12.6			23.5	9.89		
Chromium	mg/kg	6.87			7.48	6.52		
Zinc	mg/kg	12.4			13.8	11.1		
pH of Soil	SU			6.0				4.8
Methyl Ethyl Ketone	µg/kg					19		

Notes: 1. Only Detects Shown
2. Printed on 10/03/1997

LEA

Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOIL
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

	Location ID	NK-SB-15	NK-SB-15	NK-SB-205	NK-SB-206	NK-SB-207		
	Sample ID	1015575	1015576	1019284	1019290	1019296		
	Sample Date	07/08/1996	07/08/1996	10/15/1996	10/15/1996	10/15/1996		
	Sample Time	13:15	13:23	12:45	13:55	15:55		
	Sample Depth	6' - 8'	6' - 8'	2' - 4'	2' - 4'	2' - 4'		
	Laboratory	AEL	AEL	AEL	AEL	AEL		
	Lab. Number	AEL96007502	AEL96007503	AEL97002198	AEL97002199	AEL97002200		
Constituent	Units							
Date Metals Analyzed	-	07/18/1996	07/18/1996					
Date Organics Analyzed	-							
Date of Other SPLP Analysis	-							
Extraction Fluid No.	-							
Barium	mg/kg	22.5	17.5					
Chromium	mg/kg	7.01	7					
Zinc	mg/kg	10.2	10					
pH of Soil	SU			5.3	5.3	6.6		
Methyl Ethyl Ketone	µg/kg							

Notes: 1. Only Detects Shown
2. Printed on 10/03/1997

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Table 3
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - GROUNDAWATER
P&W East Hartford: Explosives Storage Area - Outside Chemical Storage Shed

	Location ID	NK-SB-14	NK-SB-15					
	Sample ID	1015674	1015672					
	Sample Date	07/03/1996	07/03/1996					
	Sample Time	14:50	14:00					
	Sample Depth	5' - 7'	5' - 7'					
	Laboratory	AEL	AEL					
	Lab. Number	AEL96007379	AEL96007378					
Constituent	Units							
Date Metals Analyzed	-	07/17/1996	07/17/1996					
Barium	mg/L	0.024	0.033					
Zinc	mg/L	0.014	0.054					

Notes: 1. Only Detects Shown
2. Printed on 10/03/1997

LEA

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: Outside Chemical Storage Shed

Location Identifier NK-SB-14

Location Identifier	NK-SB-14						
Sample Date	7/ 3/96						
Sample Identifier	1015674	14:50	From 5 to 7				Ground Water
Chemical Name		Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic		ND<0.010	mg/L		AEL	AEL96007379	Metals
Barium		0.024	mg/L		AEL	AEL96007379	Metals
Cadmium		ND<0.0010	mg/L		AEL	AEL96007379	Metals
Chromium		ND<0.010	mg/L		AEL	AEL96007379	Metals
Lead		ND<0.0050	mg/L		AEL	AEL96007379	Metals
Mercury		ND<0.0010	mg/L		AEL	AEL96007379	Metals
Nickel		ND<0.020	mg/L		AEL	AEL96007379	Metals
Selenium		ND<0.010	mg/L		AEL	AEL96007379	Metals
Silver		ND<0.010	mg/L		AEL	AEL96007379	Metals
Zinc		0.014	mg/L		AEL	AEL96007379	Metals
Total Petroleum Hydrocarbons		ND<1.0	mg/L		AEL	AEL96007379	Physical Analysis
Acetone		ND<150	µg/L		AEL	AEL96007379	Volatile Organics
Acrolein		ND<10	µg/L		AEL	AEL96007379	Volatile Organics
Acrylonitrile		ND<10	µg/L		AEL	AEL96007379	Volatile Organics
Benzene		ND<4.0	µg/L		AEL	AEL96007379	Volatile Organics
Bromobenzene		ND<4.0	µg/L		AEL	AEL96007379	Volatile Organics
Bromoform		ND<4.0	µg/L		AEL	AEL96007379	Volatile Organics
Carbon Disulfide		ND<4.0	µg/L		AEL	AEL96007379	Volatile Organics
Carbon Tetrachloride		ND<4.0	µg/L		AEL	AEL96007379	Volatile Organics
Chlorobenzene		ND<4.0	µg/L		AEL	AEL96007379	Volatile Organics
Chlorodibromomethane		ND<4.0	µg/L		AEL	AEL96007379	Volatile Organics
Chloroethane		ND<4.0	µg/L		AEL	AEL96007379	Volatile Organics
Chloroethyl Vinyl Ether,2-		ND<4.0	µg/L		AEL	AEL96007379	Volatile Organics
Chloroform		ND<4.0	µg/L		AEL	AEL96007379	Volatile Organics
Chlorotoluene,o-		ND<4.0	µg/L		AEL	AEL96007379	Volatile Organics
Chlorotoluene,p-		ND<4.0	µg/L		AEL	AEL96007379	Volatile Organics
Dibromomethane		ND<4.0	µg/L		AEL	AEL96007379	Volatile Organics
Dichlorobenzene,1,2-		ND<4.0	µg/L		AEL	AEL96007379	Volatile Organics
Dichlorobenzene,1,3-		ND<4.0	µg/L		AEL	AEL96007379	Volatile Organics
Dichlorobenzene,1,4-		ND<4.0	µg/L		AEL	AEL96007379	Volatile Organics
Dichlorobromomethane		ND<4.0	µg/L		AEL	AEL96007379	Volatile Organics
Dichlorodifluoromethane		ND<4.0	µg/L		AEL	AEL96007379	Volatile Organics
Dichloroethane,1,1-		ND<4.0	µg/L		AEL	AEL96007379	Volatile Organics
Dichloroethane,1,2-		ND<4.0	µg/L		AEL	AEL96007379	Volatile Organics
Dichloroethylene,1,1-		ND<4.0	µg/L		AEL	AEL96007379	Volatile Organics
Dichloroethylene,1,2-cis-		ND<4.0	µg/L		AEL	AEL96007379	Volatile Organics
Dichloroethylene,1,2-trans-		ND<4.0	µg/L		AEL	AEL96007379	Volatile Organics
Dichloropropane,1,2-		ND<4.0	µg/L		AEL	AEL96007379	Volatile Organics
Dichloropropylene,1,3-cis-		ND<4.0	µg/L		AEL	AEL96007379	Volatile Organics
Dichloropropylene,1,3-trans-		ND<4.0	µg/L		AEL	AEL96007379	Volatile Organics
Ethylbenzene		ND<4.0	µg/L		AEL	AEL96007379	Volatile Organics
Hexanone,2-		ND<10	µg/L		AEL	AEL96007379	Volatile Organics
Methyl Bromide		ND<4.0	µg/L		AEL	AEL96007379	Volatile Organics
Methyl Chloride		ND<4.0	µg/L		AEL	AEL96007379	Volatile Organics
Methyl Ethyl Ketone		ND<17	µg/L		AEL	AEL96007379	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: Outside Chemical Storage Shed

Location Identifier NK-SB-14

Methyl-2-pentanone,4-	ND<12	µg/L	AEL	AEL96007379	Volatile Organics
Methyl-tert-butyl Ether	ND<4.0	µg/L	AEL	AEL96007379	Volatile Organics
Methylene Chloride	ND<4.0	µg/L	AEL	AEL96007379	Volatile Organics
Styrene	ND<4.0	µg/L	AEL	AEL96007379	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<4.0	µg/L	AEL	AEL96007379	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<4.0	µg/L	AEL	AEL96007379	Volatile Organics
Tetrachloroethylene	ND<4.0	µg/L	AEL	AEL96007379	Volatile Organics
Toluene	ND<4.0	µg/L	AEL	AEL96007379	Volatile Organics
Trichloroethane,1,1,1-	ND<4.0	µg/L	AEL	AEL96007379	Volatile Organics
Trichloroethane,1,1,2-	ND<4.0	µg/L	AEL	AEL96007379	Volatile Organics
Trichloroethylene	ND<4.0	µg/L	AEL	AEL96007379	Volatile Organics
Trichloromonofluoromethane	ND<4.0	µg/L	AEL	AEL96007379	Volatile Organics
Trichloropropane,1,2,3-	ND<4.0	µg/L	AEL	AEL96007379	Volatile Organics
Vinyl Acetate	ND<4.0	µg/L	AEL	AEL96007379	Volatile Organics
Vinyl Chloride	ND<4.0	µg/L	AEL	AEL96007379	Volatile Organics
Xylenes (Total)	ND<4.0	µg/L	AEL	AEL96007379	Volatile Organics

Sample Date 7/ 8/96
Sample Identifier 1015581 14:40 From 0 to 2 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<13.9	µg/kg		LEA	96-3276-148	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.3	µg/kg		LEA	96-3276-148	Volatile Organics
Toluene (mobile)	ND<19.7	µg/kg		LEA	96-3276-148	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<342	µg/kg		LEA	96-3276-148	Volatile Organics
Trichloroethylene (mobile)	ND<33.2	µg/kg		LEA	96-3276-148	Volatile Organics

Sample Identifier 1015582 14:50 From 2 to 4 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Extraction Fluid No.	1			AEL	AEL96010880	Laboratory Parameter (SPLP)
Arsenic	ND<1.13	mg/kg		AEL	AEL96007504	Metals
Barium	12.6	mg/kg		AEL	AEL96007504	Metals
Cadmium	ND<3.38	mg/kg		AEL	AEL96007504	Metals
Chromium	6.87	mg/kg		AEL	AEL96007504	Metals
Lead	ND<22.5	mg/kg		AEL	AEL96007504	Metals
Mercury	ND<0.225	mg/kg		AEL	AEL96007504	Metals
Nickel	ND<11.3	mg/kg		AEL	AEL96007504	Metals
Selenium	ND<1.13	mg/kg		AEL	AEL96007504	Metals
Silver	ND<5.63	mg/kg		AEL	AEL96007504	Metals
Zinc	12.4	mg/kg		AEL	AEL96007504	Metals
Arsenic	ND<0.010	mg/L		AEL	AEL96010880	Metals (SPLP)
Barium	ND<1.00	mg/L		AEL	AEL96010880	Metals (SPLP)
Cadmium	ND<0.0010	mg/L		AEL	AEL96010880	Metals (SPLP)
Chromium	ND<0.050	mg/L		AEL	AEL96010880	Metals (SPLP)
Lead	ND<0.0050	mg/L		AEL	AEL96010880	Metals (SPLP)
Mercury	ND<0.0020	mg/L		AEL	AEL96010880	Metals (SPLP)
Nickel	ND<0.10	mg/L		AEL	AEL96010880	Metals (SPLP)
Selenium	ND<0.010	mg/L		AEL	AEL96010880	Metals (SPLP)
Silver	ND<0.020	mg/L		AEL	AEL96010880	Metals (SPLP)

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: Outside Chemical Storage Shed

Location Identifier NK-SB-14

Zinc	ND<0.050	mg/L	AEL	AEL96010880	Metals (SPLP)
Total Petroleum Hydrocarbons	ND<38.0	mg/kg	AEL	AEL96007504	Physical Analysis
pH of Soil	6.0	SU	AEL	AEL97002197	Physical Analysis
Acetone	ND<37	µg/kg	AEL	AEL96007504	Volatile Organics
Acrolein	ND<19	µg/kg	AEL	AEL96007504	Volatile Organics
Acrylonitrile	ND<19	µg/kg	AEL	AEL96007504	Volatile Organics
Benzene	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Benzene (mobile)	ND<11.5	µg/kg	LEA	96-3277-149	Volatile Organics
Bromobenzene	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Bromoform	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Carbon Disulfide	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Carbon Tetrachloride	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Chlorobenzene	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Chlorodibromomethane	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Chloroethane	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Chloroform	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Chlorotoluene,o-	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Chlorotoluene,p-	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Dibromomethane	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Dichlorobenzene,1,2-	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Dichlorobenzene,1,3-	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Dichlorobenzene,1,4-	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Dichlorobromomethane	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Dichlorodifluoromethane	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Dichloroethane,1,1-	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Dichloroethane,1,2-	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Dichloroethylene,1,1-	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Dichloroethylene,1,2-cis-	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Dichloroethylene,1,2-trans-	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Dichloropropane,1,2-	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Dichloropropylene,1,3-cis-	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Dichloropropylene,1,3-trans-	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Ethylbenzene	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Hexanone,2-	ND<19	µg/kg	AEL	AEL96007504	Volatile Organics
Methyl Bromide	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Methyl Chloride	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Methyl Ethyl Ketone	ND<19	µg/kg	AEL	AEL96007504	Volatile Organics
Methyl-2-pentanone,4-	ND<19	µg/kg	AEL	AEL96007504	Volatile Organics
Methyl-tert-butyl Ether	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Methylene Chloride	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Styrene	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Tetrachloroethylene	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Tetrachloroethylene (mobile)	ND<17.6	µg/kg	LEA	96-3277-149	Volatile Organics
Toluene	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Toluene (mobile)	ND<16.3	µg/kg	LEA	96-3277-149	Volatile Organics
Trichloroethane,1,1,1-	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<283	µg/kg	LEA	96-3277-149	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: Outside Chemical Storage Shed

Location Identifier NK-SB-14

Trichloroethane,1,1,2-	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Trichloroethylene	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Trichloroethylene (mobile)	ND<27.4	µg/kg	LEA	96-3277-149	Volatile Organics
Trichloromonofluoromethane	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Trichloropropane,1,2,3-	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Vinyl Acetate	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Vinyl Chloride	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics
Xylenes (Total)	ND<7.4	µg/kg	AEL	AEL96007504	Volatile Organics

Sample Identifier 1015583 14:59 From 4 to 6 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<1.19	mg/kg		AEL	AEL96007505	Metals
Barium	23.5	mg/kg		AEL	AEL96007505	Metals
Cadmium	ND<3.56	mg/kg		AEL	AEL96007505	Metals
Chromium	7.48	mg/kg		AEL	AEL96007505	Metals
Lead	ND<23.7	mg/kg		AEL	AEL96007505	Metals
Mercury	ND<0.237	mg/kg		AEL	AEL96007505	Metals
Nickel	ND<11.9	mg/kg		AEL	AEL96007505	Metals
Selenium	ND<1.19	mg/kg		AEL	AEL96007505	Metals
Silver	ND<5.94	mg/kg		AEL	AEL96007505	Metals
Zinc	13.8	mg/kg		AEL	AEL96007505	Metals
Total Petroleum Hydrocarbons	ND<40.9	mg/kg		AEL	AEL96007505	Physical Analysis
Acetone	ND<70	µg/kg		AEL	AEL96007505	Volatile Organics
Acrolein	ND<35	µg/kg		AEL	AEL96007505	Volatile Organics
Acrylonitrile	ND<35	µg/kg		AEL	AEL96007505	Volatile Organics
Benzene	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Benzene (mobile)	ND<13.9	µg/kg		LEA	96-3278-150	Volatile Organics
Bromobenzene	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Bromoform	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Carbon Disulfide	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Carbon Tetrachloride	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Chlorobenzene	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Chlorodibromomethane	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Chloroethane	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Chloroform	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Chlorotoluene,o-	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Chlorotoluene,p-	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Dibromomethane	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Dichlorobenzene,1,2-	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Dichlorobenzene,1,3-	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Dichlorobenzene,1,4-	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Dichlorobromomethane	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Dichlorodifluoromethane	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Dichloroethane,1,1-	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Dichloroethane,1,2-	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Dichloroethylene,1,1-	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Dichloroethylene,1,2-cis-	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Dichloroethylene,1,2-trans-	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Dichloropropane,1,2-	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: Outside Chemical Storage Shed

Location Identifier NK-SB-14

Dichloropropylene,1,3-cis-	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Dichloropropylene,1,3-trans-	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Ethylbenzene	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Hexanone,2-	ND<35	µg/kg		AEL	AEL96007505	Volatile Organics
Methyl Bromide	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Methyl Chloride	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Methyl Ethyl Ketone	ND<35	µg/kg		AEL	AEL96007505	Volatile Organics
Methyl-2-pentanone,4-	ND<35	µg/kg		AEL	AEL96007505	Volatile Organics
Methyl-tert-butyl Ether	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Methylene Chloride	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Styrene	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Tetrachloroethylene	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.3	µg/kg		LEA	96-3278-150	Volatile Organics
Toluene	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Toluene (mobile)	ND<19.7	µg/kg		LEA	96-3278-150	Volatile Organics
Trichloroethane,1,1,1-	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<342	µg/kg		LEA	96-3278-150	Volatile Organics
Trichloroethane,1,1,2-	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Trichloroethylene	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Trichloroethylene (mobile)	ND<33.2	µg/kg		LEA	96-3278-150	Volatile Organics
Trichloromonofluoromethane	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Trichloropropane,1,2,3-	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Vinyl Acetate	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Vinyl Chloride	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics
Xylenes (Total)	ND<14	µg/kg		AEL	AEL96007505	Volatile Organics

Sample Identifier 1015584 15:07 From 6 to 8 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<14.7	µg/kg		LEA	96-3279-151	Volatile Organics
Tetrachloroethylene (mobile)	ND<22.5	µg/kg		LEA	96-3279-151	Volatile Organics
Toluene (mobile)	ND<20.8	µg/kg		LEA	96-3279-151	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<361	µg/kg		LEA	96-3279-151	Volatile Organics
Trichloroethylene (mobile)	ND<35.0	µg/kg		LEA	96-3279-151	Volatile Organics

Sample Identifier 1015585 15:25 From 8 to 10 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<15.0	µg/kg		LEA	96-3280-152	Volatile Organics
Tetrachloroethylene (mobile)	ND<22.9	µg/kg		LEA	96-3280-152	Volatile Organics
Toluene (mobile)	ND<21.2	µg/kg		LEA	96-3280-152	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<368	µg/kg		LEA	96-3280-152	Volatile Organics
Trichloroethylene (mobile)	ND<35.7	µg/kg		LEA	96-3280-152	Volatile Organics

Sample Identifier 1015586 15:40 From 10 to 12 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<13.9	µg/kg		LEA	96-3281-153	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.3	µg/kg		LEA	96-3281-153	Volatile Organics
Toluene (mobile)	ND<19.7	µg/kg		LEA	96-3281-153	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: Outside Chemical Storage Shed

Location Identifier NK-SB-14

Trichloroethane,1,1,1- (mobile)	ND<342	µg/kg		LEA	96-3281-153	Volatile Organics
Trichloroethylene (mobile)	ND<33.2	µg/kg		LEA	96-3281-153	Volatile Organics

Sample Identifier 1015587 15:50 From 12 to 14 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<14.2	µg/kg		LEA	96-3282-154	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.7	µg/kg		LEA	96-3282-154	Volatile Organics
Toluene (mobile)	ND<20.1	µg/kg		LEA	96-3282-154	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<348	µg/kg		LEA	96-3282-154	Volatile Organics
Trichloroethylene (mobile)	ND<33.8	µg/kg		LEA	96-3282-154	Volatile Organics

Sample Identifier 1015588 16:00 From 14 to 15 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<13.7	µg/kg		LEA	96-3283-155	Volatile Organics
Tetrachloroethylene (mobile)	ND<20.9	µg/kg		LEA	96-3283-155	Volatile Organics
Toluene (mobile)	ND<19.4	µg/kg		LEA	96-3283-155	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<336	µg/kg		LEA	96-3283-155	Volatile Organics
Trichloroethylene (mobile)	ND<32.6	µg/kg		LEA	96-3283-155	Volatile Organics

Location Identifier NK-SB-15
Sample Date 7/ 3/96
Sample Identifier 1015672 14:00 From 5 to 7 Ground Water

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<0.010	mg/L		AEL	AEL96007378	Metals
Barium	0.033	mg/L		AEL	AEL96007378	Metals
Cadmium	ND<0.0010	mg/L		AEL	AEL96007378	Metals
Chromium	ND<0.010	mg/L		AEL	AEL96007378	Metals
Lead	ND<0.0050	mg/L		AEL	AEL96007378	Metals
Mercury	ND<0.0010	mg/L		AEL	AEL96007378	Metals
Nickel	ND<0.020	mg/L		AEL	AEL96007378	Metals
Selenium	ND<0.010	mg/L		AEL	AEL96007378	Metals
Silver	ND<0.010	mg/L		AEL	AEL96007378	Metals
Zinc	0.054	mg/L		AEL	AEL96007378	Metals
Total Petroleum Hydrocarbons	ND<1.0	mg/L		AEL	AEL96007378	Physical Analysis
Acetone	ND<20	µg/L		AEL	AEL96007378	Volatile Organics
Acrolein	ND<10	µg/L		AEL	AEL96007378	Volatile Organics
Acrylonitrile	ND<10	µg/L		AEL	AEL96007378	Volatile Organics
Benzene	ND<4.0	µg/L		AEL	AEL96007378	Volatile Organics
Bromobenzene	ND<4.0	µg/L		AEL	AEL96007378	Volatile Organics
Bromoform	ND<4.0	µg/L		AEL	AEL96007378	Volatile Organics
Carbon Disulfide	ND<4.0	µg/L		AEL	AEL96007378	Volatile Organics
Carbon Tetrachloride	ND<4.0	µg/L		AEL	AEL96007378	Volatile Organics
Chlorobenzene	ND<4.0	µg/L		AEL	AEL96007378	Volatile Organics
Chlorodibromomethane	ND<4.0	µg/L		AEL	AEL96007378	Volatile Organics
Chloroethane	ND<4.0	µg/L		AEL	AEL96007378	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<4.0	µg/L		AEL	AEL96007378	Volatile Organics
Chloroform	ND<4.0	µg/L		AEL	AEL96007378	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: Outside Chemical Storage Shed

Location Identifier NK-SB-15

Chlorotoluene,o-	ND<4.0	µg/L	AEL	AEL96007378	Volatile Organics
Chlorotoluene,p-	ND<4.0	µg/L	AEL	AEL96007378	Volatile Organics
Dibromomethane	ND<4.0	µg/L	AEL	AEL96007378	Volatile Organics
Dichlorobenzene,1,2-	ND<4.0	µg/L	AEL	AEL96007378	Volatile Organics
Dichlorobenzene,1,3-	ND<4.0	µg/L	AEL	AEL96007378	Volatile Organics
Dichlorobenzene,1,4-	ND<4.0	µg/L	AEL	AEL96007378	Volatile Organics
Dichlorobromomethane	ND<4.0	µg/L	AEL	AEL96007378	Volatile Organics
Dichlorodifluoromethane	ND<4.0	µg/L	AEL	AEL96007378	Volatile Organics
Dichloroethane,1,1-	ND<4.0	µg/L	AEL	AEL96007378	Volatile Organics
Dichloroethane,1,2-	ND<4.0	µg/L	AEL	AEL96007378	Volatile Organics
Dichloroethylene,1,1-	ND<4.0	µg/L	AEL	AEL96007378	Volatile Organics
Dichloroethylene,1,2-cis-	ND<4.0	µg/L	AEL	AEL96007378	Volatile Organics
Dichloroethylene,1,2-trans-	ND<4.0	µg/L	AEL	AEL96007378	Volatile Organics
Dichloropropane,1,2-	ND<4.0	µg/L	AEL	AEL96007378	Volatile Organics
Dichloropropylene,1,3-cis-	ND<4.0	µg/L	AEL	AEL96007378	Volatile Organics
Dichloropropylene,1,3-trans-	ND<4.0	µg/L	AEL	AEL96007378	Volatile Organics
Ethylbenzene	ND<4.0	µg/L	AEL	AEL96007378	Volatile Organics
Hexanone,2-	ND<10	µg/L	AEL	AEL96007378	Volatile Organics
Methyl Bromide	ND<4.0	µg/L	AEL	AEL96007378	Volatile Organics
Methyl Chloride	ND<4.0	µg/L	AEL	AEL96007378	Volatile Organics
Methyl Ethyl Ketone	ND<10	µg/L	AEL	AEL96007378	Volatile Organics
Methyl-2-pentanone,4-	ND<10	µg/L	AEL	AEL96007378	Volatile Organics
Methyl-tert-butyl Ether	ND<4.0	µg/L	AEL	AEL96007378	Volatile Organics
Methylene Chloride	ND<4.0	µg/L	AEL	AEL96007378	Volatile Organics
Styrene	ND<4.0	µg/L	AEL	AEL96007378	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<4.0	µg/L	AEL	AEL96007378	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<4.0	µg/L	AEL	AEL96007378	Volatile Organics
Tetrachloroethylene	ND<4.0	µg/L	AEL	AEL96007378	Volatile Organics
Toluene	ND<4.0	µg/L	AEL	AEL96007378	Volatile Organics
Trichloroethane,1,1,1-	ND<4.0	µg/L	AEL	AEL96007378	Volatile Organics
Trichloroethane,1,1,2-	ND<4.0	µg/L	AEL	AEL96007378	Volatile Organics
Trichloroethylene	ND<4.0	µg/L	AEL	AEL96007378	Volatile Organics
Trichloromonofluoromethane	ND<4.0	µg/L	AEL	AEL96007378	Volatile Organics
Trichloropropane,1,2,3-	ND<4.0	µg/L	AEL	AEL96007378	Volatile Organics
Vinyl Acetate	ND<4.0	µg/L	AEL	AEL96007378	Volatile Organics
Vinyl Chloride	ND<4.0	µg/L	AEL	AEL96007378	Volatile Organics
Xylenes (Total)	ND<4.0	µg/L	AEL	AEL96007378	Volatile Organics

Sample Date 7/ 8/96
Sample Identifier 1015572 12:40 From 0 to 2 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<2.65	µg/kg		LEA	96-3265-137	Volatile Organics
Tetrachloroethylene (mobile)	ND<4.05	µg/kg		LEA	96-3265-137	Volatile Organics
Toluene (mobile)	ND<3.75	µg/kg		LEA	96-3265-137	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<65.0	µg/kg		LEA	96-3265-137	Volatile Organics
Trichloroethylene (mobile)	ND<6.30	µg/kg		LEA	96-3265-137	Volatile Organics

Sample Identifier 1015573 12:53 From 2 to 4 Soil Boring

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: Outside Chemical Storage Shed

Location Identifier NK-SB-15

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Extraction Fluid No.	1			AEL	AEL96010881	Laboratory Parameter (SPLP)
Arsenic	ND<1.16	mg/kg		AEL	AEL96007501	Metals
Barium	9.89	mg/kg		AEL	AEL96007501	Metals
Cadmium	ND<3.49	mg/kg		AEL	AEL96007501	Metals
Chromium	6.52	mg/kg		AEL	AEL96007501	Metals
Lead	ND<23.3	mg/kg		AEL	AEL96007501	Metals
Mercury	ND<0.233	mg/kg		AEL	AEL96007501	Metals
Nickel	ND<11.6	mg/kg		AEL	AEL96007501	Metals
Selenium	ND<1.16	mg/kg		AEL	AEL96007501	Metals
Silver	ND<5.82	mg/kg		AEL	AEL96007501	Metals
Zinc	11.1	mg/kg		AEL	AEL96007501	Metals
Arsenic	ND<0.010	mg/L		AEL	AEL96010881	Metals (SPLP)
Barium	ND<1.00	mg/L		AEL	AEL96010881	Metals (SPLP)
Cadmium	ND<0.0010	mg/L		AEL	AEL96010881	Metals (SPLP)
Chromium	ND<0.050	mg/L		AEL	AEL96010881	Metals (SPLP)
Lead	ND<0.0050	mg/L		AEL	AEL96010881	Metals (SPLP)
Mercury	ND<0.0020	mg/L		AEL	AEL96010881	Metals (SPLP)
Nickel	ND<0.10	mg/L		AEL	AEL96010881	Metals (SPLP)
Selenium	ND<0.010	mg/L		AEL	AEL96010881	Metals (SPLP)
Silver	ND<0.020	mg/L		AEL	AEL96010881	Metals (SPLP)
Zinc	ND<0.050	mg/L		AEL	AEL96010881	Metals (SPLP)
Total Petroleum Hydrocarbons	ND<38.5	mg/kg		AEL	AEL96007501	Physical Analysis
pH of Soil	4.8	SU		AEL	AEL97002196	Physical Analysis
Acetone	ND<120	µg/kg		AEL	AEL96007501	Volatile Organics
Acrolein	ND<15	µg/kg		AEL	AEL96007501	Volatile Organics
Acrylonitrile	ND<15	µg/kg		AEL	AEL96007501	Volatile Organics
Benzene	ND<6.1	µg/kg		AEL	AEL96007501	Volatile Organics
Benzene (mobile)	ND<15.3	µg/kg		LEA	96-3266-138	Volatile Organics
Bromobenzene	ND<6.1	µg/kg		AEL	AEL96007501	Volatile Organics
Bromoform	ND<6.1	µg/kg		AEL	AEL96007501	Volatile Organics
Carbon Disulfide	ND<6.1	µg/kg		AEL	AEL96007501	Volatile Organics
Carbon Tetrachloride	ND<6.1	µg/kg		AEL	AEL96007501	Volatile Organics
Chlorobenzene	ND<6.1	µg/kg		AEL	AEL96007501	Volatile Organics
Chlorodibromomethane	ND<6.1	µg/kg		AEL	AEL96007501	Volatile Organics
Chloroethane	ND<6.1	µg/kg		AEL	AEL96007501	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<6.1	µg/kg		AEL	AEL96007501	Volatile Organics
Chloroform	ND<6.1	µg/kg		AEL	AEL96007501	Volatile Organics
Chlorotoluene,o-	ND<6.1	µg/kg		AEL	AEL96007501	Volatile Organics
Chlorotoluene,p-	ND<6.1	µg/kg		AEL	AEL96007501	Volatile Organics
Dibromomethane	ND<6.1	µg/kg		AEL	AEL96007501	Volatile Organics
Dichlorobenzene,1,2-	ND<6.1	µg/kg		AEL	AEL96007501	Volatile Organics
Dichlorobenzene,1,3-	ND<6.1	µg/kg		AEL	AEL96007501	Volatile Organics
Dichlorobenzene,1,4-	ND<6.1	µg/kg		AEL	AEL96007501	Volatile Organics
Dichlorobromomethane	ND<6.1	µg/kg		AEL	AEL96007501	Volatile Organics
Dichlorodifluoromethane	ND<6.1	µg/kg		AEL	AEL96007501	Volatile Organics
Dichloroethane,1,1-	ND<6.1	µg/kg		AEL	AEL96007501	Volatile Organics
Dichloroethane,1,2-	ND<6.1	µg/kg		AEL	AEL96007501	Volatile Organics
Dichloroethylene,1,1-	ND<6.1	µg/kg		AEL	AEL96007501	Volatile Organics
Dichloroethylene,1,2-cis-	ND<6.1	µg/kg		AEL	AEL96007501	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: Outside Chemical Storage Shed

Location Identifier NK-SB-15

Dichloroethylene,1,2-trans-	ND<6.1	µg/kg	AEL	AEL96007501	Volatile Organics
Dichloropropane,1,2-	ND<6.1	µg/kg	AEL	AEL96007501	Volatile Organics
Dichloropropylene,1,3-cis-	ND<6.1	µg/kg	AEL	AEL96007501	Volatile Organics
Dichloropropylene,1,3-trans-	ND<6.1	µg/kg	AEL	AEL96007501	Volatile Organics
Ethylbenzene	ND<6.1	µg/kg	AEL	AEL96007501	Volatile Organics
Hexanone,2-	ND<15	µg/kg	AEL	AEL96007501	Volatile Organics
Methyl Bromide	ND<6.1	µg/kg	AEL	AEL96007501	Volatile Organics
Methyl Chloride	ND<6.1	µg/kg	AEL	AEL96007501	Volatile Organics
Methyl Ethyl Ketone	19	µg/kg	AEL	AEL96007501	Volatile Organics
Methyl-2-pentanone,4-	ND<15	µg/kg	AEL	AEL96007501	Volatile Organics
Methyl-tert-butyl Ether	ND<6.1	µg/kg	AEL	AEL96007501	Volatile Organics
Methylene Chloride	ND<6.1	µg/kg	AEL	AEL96007501	Volatile Organics
Styrene	ND<6.1	µg/kg	AEL	AEL96007501	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<6.1	µg/kg	AEL	AEL96007501	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<6.1	µg/kg	AEL	AEL96007501	Volatile Organics
Tetrachloroethylene	ND<6.1	µg/kg	AEL	AEL96007501	Volatile Organics
Tetrachloroethylene (mobile)	ND<23.4	µg/kg	LEA	96-3266-138	Volatile Organics
Toluene	ND<6.1	µg/kg	AEL	AEL96007501	Volatile Organics
Toluene (mobile)	ND<21.6	µg/kg	LEA	96-3266-138	Volatile Organics
Trichloroethane,1,1,1-	ND<6.1	µg/kg	AEL	AEL96007501	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<375	µg/kg	LEA	96-3266-138	Volatile Organics
Trichloroethane,1,1,2-	ND<6.1	µg/kg	AEL	AEL96007501	Volatile Organics
Trichloroethylene	ND<6.1	µg/kg	AEL	AEL96007501	Volatile Organics
Trichloroethylene (mobile)	ND<36.3	µg/kg	LEA	96-3266-138	Volatile Organics
Trichloromonofluoromethane	ND<6.1	µg/kg	AEL	AEL96007501	Volatile Organics
Trichloropropane,1,2,3-	ND<6.1	µg/kg	AEL	AEL96007501	Volatile Organics
Vinyl Acetate	ND<6.1	µg/kg	AEL	AEL96007501	Volatile Organics
Vinyl Chloride	ND<6.1	µg/kg	AEL	AEL96007501	Volatile Organics
Xylenes (Total)	ND<6.1	µg/kg	AEL	AEL96007501	Volatile Organics

Sample Identifier 1015574 13:07 From 4 to 6 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<12.6	µg/kg		LEA	96-3267-139	Volatile Organics
Tetrachloroethylene (mobile)	ND<19.3	µg/kg		LEA	96-3267-139	Volatile Organics
Toluene (mobile)	ND<17.9	µg/kg		LEA	96-3267-139	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<310	µg/kg		LEA	96-3267-139	Volatile Organics
Trichloroethylene (mobile)	ND<30.0	µg/kg		LEA	96-3267-139	Volatile Organics

Sample Identifier 1015575 13:15 From 6 to 8 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<1.23	mg/kg		AEL	AEL96007502	Metals
Barium	22.5	mg/kg		AEL	AEL96007502	Metals
Cadmium	ND<3.69	mg/kg		AEL	AEL96007502	Metals
Chromium	7.01	mg/kg		AEL	AEL96007502	Metals
Lead	ND<24.6	mg/kg		AEL	AEL96007502	Metals
Mercury	ND<0.246	mg/kg		AEL	AEL96007502	Metals
Nickel	ND<12.3	mg/kg		AEL	AEL96007502	Metals
Selenium	ND<1.23	mg/kg		AEL	AEL96007502	Metals
Silver	ND<6.15	mg/kg		AEL	AEL96007502	Metals

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: Outside Chemical Storage Shed

Location Identifier NK-SB-15

Zinc	10.2	mg/kg	AEL	AEL96007502	Metals
Total Petroleum Hydrocarbons	ND<41.8	mg/kg	AEL	AEL96007502	Physical Analysis
Acetone	ND<51	µg/kg	AEL	AEL96007502	Volatile Organics
Acrolein	ND<25	µg/kg	AEL	AEL96007502	Volatile Organics
Acrylonitrile	ND<25	µg/kg	AEL	AEL96007502	Volatile Organics
Benzene	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Benzene (mobile)	ND<11.5	µg/kg	LEA	96-3268-140	Volatile Organics
Bromobenzene	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Bromoform	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Carbon Disulfide	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Carbon Tetrachloride	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Chlorobenzene	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Chlorodibromomethane	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Chloroethane	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Chloroform	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Chlorotoluene,o-	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Chlorotoluene,p-	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Dibromomethane	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Dichlorobenzene,1,2-	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Dichlorobenzene,1,3-	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Dichlorobenzene,1,4-	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Dichlorobromomethane	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Dichlorodifluoromethane	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Dichloroethane,1,1-	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Dichloroethane,1,2-	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Dichloroethylene,1,1-	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Dichloroethylene,1,2-cis-	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Dichloroethylene,1,2-trans-	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Dichloropropane,1,2-	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Dichloropropylene,1,3-cis-	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Dichloropropylene,1,3-trans-	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Ethylbenzene	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Hexanone,2-	ND<25	µg/kg	AEL	AEL96007502	Volatile Organics
Methyl Bromide	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Methyl Chloride	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Methyl Ethyl Ketone	ND<25	µg/kg	AEL	AEL96007502	Volatile Organics
Methyl-2-pentanone,4-	ND<25	µg/kg	AEL	AEL96007502	Volatile Organics
Methyl-tert-butyl Ether	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Methylene Chloride	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Styrene	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Tetrachloroethylene	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Tetrachloroethylene (mobile)	ND<17.6	µg/kg	LEA	96-3268-140	Volatile Organics
Toluene	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Toluene (mobile)	ND<16.3	µg/kg	LEA	96-3268-140	Volatile Organics
Trichloroethane,1,1,1-	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<283	µg/kg	LEA	96-3268-140	Volatile Organics
Trichloroethane,1,1,2-	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: Outside Chemical Storage Shed

Location Identifier NK-SB-15

Trichloroethylene	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Trichloroethylene (mobile)	ND<27.4	µg/kg	LEA	96-3268-140	Volatile Organics
Trichloromonofluoromethane	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Trichloropropane,1,2,3-	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Vinyl Acetate	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Vinyl Chloride	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics
Xylenes (Total)	ND<10	µg/kg	AEL	AEL96007502	Volatile Organics

Sample Identifier 1015576 13:23 From 6 to 8 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<1.25	mg/kg		AEL	AEL96007503	Metals
Barium	17.5	mg/kg		AEL	AEL96007503	Metals
Cadmium	ND<3.75	mg/kg		AEL	AEL96007503	Metals
Chromium	7	mg/kg		AEL	AEL96007503	Metals
Lead	ND<25	mg/kg		AEL	AEL96007503	Metals
Mercury	ND<0.25	mg/kg		AEL	AEL96007503	Metals
Nickel	ND<12.5	mg/kg		AEL	AEL96007503	Metals
Selenium	ND<1.25	mg/kg		AEL	AEL96007503	Metals
Silver	ND<6.25	mg/kg		AEL	AEL96007503	Metals
Zinc	10	mg/kg		AEL	AEL96007503	Metals
Total Petroleum Hydrocarbons	ND<40.0	mg/kg		AEL	AEL96007503	Physical Analysis
Acetone	ND<35	µg/kg		AEL	AEL96007503	Volatile Organics
Acrolein	ND<17	µg/kg		AEL	AEL96007503	Volatile Organics
Acrylonitrile	ND<17	µg/kg		AEL	AEL96007503	Volatile Organics
Benzene	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Benzene (mobile)	ND<16.2	µg/kg		LEA	96-3270-142	Volatile Organics
Bromobenzene	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Bromoform	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Carbon Disulfide	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Carbon Tetrachloride	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Chlorobenzene	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Chlorodibromomethane	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Chloroethane	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Chloroform	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Chlorotoluene,o-	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Chlorotoluene,p-	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Dibromomethane	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Dichlorobenzene,1,2-	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Dichlorobenzene,1,3-	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Dichlorobenzene,1,4-	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Dichlorobromomethane	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Dichlorodifluoromethane	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Dichloroethane,1,1-	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Dichloroethane,1,2-	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Dichloroethylene,1,1-	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Dichloroethylene,1,2-cis-	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Dichloroethylene,1,2-trans-	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Dichloropropane,1,2-	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Dichloropropylene,1,3-cis-	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: Outside Chemical Storage Shed

Location Identifier NK-SB-15

Dichloropropylene,1,3-trans-	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Ethylbenzene	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Hexanone,2-	ND<17	µg/kg		AEL	AEL96007503	Volatile Organics
Methyl Bromide	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Methyl Chloride	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Methyl Ethyl Ketone	ND<17	µg/kg		AEL	AEL96007503	Volatile Organics
Methyl-2-pentanone,4-	ND<17	µg/kg		AEL	AEL96007503	Volatile Organics
Methyl-tert-butyl Ether	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Methylene Chloride	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Styrene	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Tetrachloroethylene	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Tetrachloroethylene (mobile)	ND<24.8	µg/kg		LEA	96-3270-142	Volatile Organics
Toluene	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Toluene (mobile)	ND<23.0	µg/kg		LEA	96-3270-142	Volatile Organics
Trichloroethane,1,1,1-	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<398	µg/kg		LEA	96-3270-142	Volatile Organics
Trichloroethane,1,1,2-	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Trichloroethylene	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Trichloroethylene (mobile)	ND<38.6	µg/kg		LEA	96-3270-142	Volatile Organics
Trichloromonofluoromethane	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Trichloropropane,1,2,3-	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Vinyl Acetate	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Vinyl Chloride	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics
Xylenes (Total)	ND<7.0	µg/kg		AEL	AEL96007503	Volatile Organics

Sample Identifier 1015577 13:37 From 8 to 10 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<15.3	µg/kg		LEA	96-3271-143	Volatile Organics
Tetrachloroethylene (mobile)	ND<23.4	µg/kg		LEA	96-3271-143	Volatile Organics
Toluene (mobile)	ND<21.6	µg/kg		LEA	96-3271-143	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<375	µg/kg		LEA	96-3271-143	Volatile Organics
Trichloroethylene (mobile)	ND<36.3	µg/kg		LEA	96-3271-143	Volatile Organics

Sample Identifier 1015578 13:42 From 10 to 12 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<15.9	µg/kg		LEA	96-3273-145	Volatile Organics
Tetrachloroethylene (mobile)	ND<24.3	µg/kg		LEA	96-3273-145	Volatile Organics
Toluene (mobile)	ND<22.5	µg/kg		LEA	96-3273-145	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<390	µg/kg		LEA	96-3273-145	Volatile Organics
Trichloroethylene (mobile)	ND<37.8	µg/kg		LEA	96-3273-145	Volatile Organics

Sample Identifier 1015579 14:10 From 12 to 14 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<15.6	µg/kg		LEA	96-3274-146	Volatile Organics
Tetrachloroethylene (mobile)	ND<23.8	µg/kg		LEA	96-3274-146	Volatile Organics
Toluene (mobile)	ND<22.1	µg/kg		LEA	96-3274-146	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<382	µg/kg		LEA	96-3274-146	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: Outside Chemical Storage Shed

Location Identifier NK-SB-15

Trichloroethylene (mobile)	ND<37.1	µg/kg		LEA	96-3274-146	Volatile Organics

Sample Identifier 1015580 14:25 From 14 to 15 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<15.9	µg/kg		LEA	96-3275-147	Volatile Organics
Tetrachloroethylene (mobile)	ND<24.3	µg/kg		LEA	96-3275-147	Volatile Organics
Toluene (mobile)	ND<22.5	µg/kg		LEA	96-3275-147	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<390	µg/kg		LEA	96-3275-147	Volatile Organics
Trichloroethylene (mobile)	ND<37.8	µg/kg		LEA	96-3275-147	Volatile Organics

Location Identifier NK-SB-205
Sample Date 10/15/96
Sample Identifier 1019283 12:30 From 0 to 2 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.50	µg/kg		LEA	96-5149-394	Volatile Organics
Ethylbenzene (mobile)	ND<16.1	µg/kg		LEA	96-5149-394	Volatile Organics
Tetrachloroethylene (mobile)	ND<20.2	µg/kg		LEA	96-5149-394	Volatile Organics
Toluene (mobile)	ND<11.3	µg/kg		LEA	96-5149-394	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<203	µg/kg		LEA	96-5149-394	Volatile Organics
Trichloroethylene (mobile)	ND<20.0	µg/kg		LEA	96-5149-394	Volatile Organics

Sample Identifier 1019284 12:45 From 2 to 4 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
pH of Soil	5.3	SU		AEL	AEL97002198	Physical Analysis
Acetone	ND<27	µg/kg		AEL	AEL96011867	Volatile Organics
Acrolein	ND<14	µg/kg		AEL	AEL96011867	Volatile Organics
Acrylonitrile	ND<14	µg/kg		AEL	AEL96011867	Volatile Organics
Benzene	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Benzene (mobile)	ND<6.41	µg/kg		LEA	96-5150-395	Volatile Organics
Bromobenzene	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Bromoform	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Carbon Disulfide	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Carbon Tetrachloride	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Chlorobenzene	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Chlorodibromomethane	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Chloroethane	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Chloroform	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Chlorotoluene,o-	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Chlorotoluene,p-	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Dibromomethane	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Dichlorobenzene,1,2-	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Dichlorobenzene,1,3-	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Dichlorobenzene,1,4-	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Dichlorobromomethane	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Dichlorodifluoromethane	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Dichloroethane,1,1-	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: Outside Chemical Storage Shed

Location Identifier NK-SB-205

Dichloroethane,1,2-	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Dichloroethylene,1,1-	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Dichloroethylene,1,2-cis-	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Dichloroethylene,1,2-trans-	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Dichloropropane,1,2-	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Dichloropropylene,1,3-cis-	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Dichloropropylene,1,3-trans-	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Ethylbenzene	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Ethylbenzene (mobile)	ND<13.8	µg/kg		LEA	96-5150-395	Volatile Organics
Hexanone,2-	ND<14	µg/kg		AEL	AEL96011867	Volatile Organics
Methyl Bromide	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Methyl Chloride	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Methyl Ethyl Ketone	ND<14	µg/kg		AEL	AEL96011867	Volatile Organics
Methyl-2-pentanone,4-	ND<14	µg/kg		AEL	AEL96011867	Volatile Organics
Methyl-tert-butyl Ether	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Methylene Chloride	ND<8.2	µg/kg		AEL	AEL96011867	Volatile Organics
Styrene	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Tetrachloroethylene	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Tetrachloroethylene (mobile)	ND<17.3	µg/kg		LEA	96-5150-395	Volatile Organics
Toluene	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Toluene (mobile)	ND<9.68	µg/kg		LEA	96-5150-395	Volatile Organics
Trichloroethane,1,1,1-	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<173	µg/kg		LEA	96-5150-395	Volatile Organics
Trichloroethane,1,1,2-	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Trichloroethylene	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Trichloroethylene (mobile)	ND<17.1	µg/kg		LEA	96-5150-395	Volatile Organics
Trichloromonofluoromethane	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Trichloropropane,1,2,3-	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Vinyl Acetate	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Vinyl Chloride	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics
Xylenes (Total)	ND<5.4	µg/kg		AEL	AEL96011867	Volatile Organics

Sample Identifier 1019285 12:55 From 4 to 6 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.36	µg/kg		LEA	96-5151-396	Volatile Organics
Ethylbenzene (mobile)	ND<15.8	µg/kg		LEA	96-5151-396	Volatile Organics
Tetrachloroethylene (mobile)	ND<19.9	µg/kg		LEA	96-5151-396	Volatile Organics
Toluene (mobile)	ND<11.1	µg/kg		LEA	96-5151-396	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<199	µg/kg		LEA	96-5151-396	Volatile Organics
Trichloroethylene (mobile)	ND<19.6	µg/kg		LEA	96-5151-396	Volatile Organics

Sample Identifier 1019286 13:05 From 6 to 8 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.64	µg/kg		LEA	96-5152-397	Volatile Organics
Ethylbenzene (mobile)	ND<16.4	µg/kg		LEA	96-5152-397	Volatile Organics
Tetrachloroethylene (mobile)	ND<20.6	µg/kg		LEA	96-5152-397	Volatile Organics
Toluene (mobile)	ND<11.5	µg/kg		LEA	96-5152-397	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: Outside Chemical Storage Shed

Location Identifier NK-SB-205

Trichloroethane,1,1,1- (mobile)	ND<207	µg/kg	LEA	96-5152-397	Volatile Organics
Trichloroethylene (mobile)	ND<20.3	µg/kg	LEA	96-5152-397	Volatile Organics

Sample Identifier 1019287 13:15 From 8 to 10 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.95	µg/kg		LEA	96-5153-398	Volatile Organics
Ethylbenzene (mobile)	ND<17.1	µg/kg		LEA	96-5153-398	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.5	µg/kg		LEA	96-5153-398	Volatile Organics
Toluene (mobile)	ND<12.0	µg/kg		LEA	96-5153-398	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<215	µg/kg		LEA	96-5153-398	Volatile Organics
Trichloroethylene (mobile)	ND<21.2	µg/kg		LEA	96-5153-398	Volatile Organics

Sample Identifier 1019288 13:25 From 10 to 12 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.79	µg/kg		LEA	96-5154-399	Volatile Organics
Ethylbenzene (mobile)	ND<16.8	µg/kg		LEA	96-5154-399	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.0	µg/kg		LEA	96-5154-399	Volatile Organics
Toluene (mobile)	ND<11.8	µg/kg		LEA	96-5154-399	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<211	µg/kg		LEA	96-5154-399	Volatile Organics
Trichloroethylene (mobile)	ND<20.7	µg/kg		LEA	96-5154-399	Volatile Organics

Location Identifier NK-SB-206
Sample Date 10/15/96

Sample Identifier 1019289 13:45 From 0 to 2 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<6.97	µg/kg		LEA	96-5155-400	Volatile Organics
Ethylbenzene (mobile)	ND<15.0	µg/kg		LEA	96-5155-400	Volatile Organics
Tetrachloroethylene (mobile)	ND<18.8	µg/kg		LEA	96-5155-400	Volatile Organics
Toluene (mobile)	ND<10.5	µg/kg		LEA	96-5155-400	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<188	µg/kg		LEA	96-5155-400	Volatile Organics
Trichloroethylene (mobile)	ND<18.6	µg/kg		LEA	96-5155-400	Volatile Organics

Sample Identifier 1019290 13:55 From 2 to 4 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
pH of Soil	5.3	SU		AEL	AEL97002199	Physical Analysis
Acetone	ND<58	µg/kg		AEL	AEL96011868	Volatile Organics
Acrolein	ND<29	µg/kg		AEL	AEL96011868	Volatile Organics
Acrylonitrile	ND<29	µg/kg		AEL	AEL96011868	Volatile Organics
Benzene	ND<12	µg/kg		AEL	AEL96011868	Volatile Organics
Benzene (mobile)	ND<6.41	µg/kg		LEA	96-5156-401	Volatile Organics
Bromobenzene	ND<12	µg/kg		AEL	AEL96011868	Volatile Organics
Bromoform	ND<12	µg/kg		AEL	AEL96011868	Volatile Organics
Carbon Disulfide	ND<12	µg/kg		AEL	AEL96011868	Volatile Organics
Carbon Tetrachloride	ND<12	µg/kg		AEL	AEL96011868	Volatile Organics
Chlorobenzene	ND<12	µg/kg		AEL	AEL96011868	Volatile Organics
Chlorodibromomethane	ND<12	µg/kg		AEL	AEL96011868	Volatile Organics
Chloroethane	ND<12	µg/kg		AEL	AEL96011868	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: Outside Chemical Storage Shed

Location Identifier NK-SB-206

Chloroethyl Vinyl Ether,2-	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics
Chloroform	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics
Chlorotoluene,o-	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics
Chlorotoluene,p-	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics
Dibromomethane	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics
Dichlorobenzene,1,2-	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics
Dichlorobenzene,1,3-	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics
Dichlorobenzene,1,4-	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics
Dichlorobromomethane	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics
Dichlorodifluoromethane	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics
Dichloroethane,1,1-	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics
Dichloroethane,1,2-	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics
Dichloroethylene,1,1-	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics
Dichloroethylene,1,2-cis-	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics
Dichloroethylene,1,2-trans-	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics
Dichloropropane,1,2-	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics
Dichloropropylene,1,3-cis-	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics
Dichloropropylene,1,3-trans-	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics
Ethylbenzene	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics
Ethylbenzene (mobile)	ND<13.8	µg/kg	LEA	96-5156-401	Volatile Organics
Hexanone,2-	ND<29	µg/kg	AEL	AEL96011868	Volatile Organics
Methyl Bromide	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics
Methyl Chloride	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics
Methyl Ethyl Ketone	ND<29	µg/kg	AEL	AEL96011868	Volatile Organics
Methyl-2-pentanone,4-	ND<29	µg/kg	AEL	AEL96011868	Volatile Organics
Methyl-tert-butyl Ether	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics
Methylene Chloride	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics
Styrene	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics
Tetrachloroethylene	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics
Tetrachloroethylene (mobile)	ND<17.3	µg/kg	LEA	96-5156-401	Volatile Organics
Toluene	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics
Toluene (mobile)	ND<9.68	µg/kg	LEA	96-5156-401	Volatile Organics
Trichloroethane,1,1,1-	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<173	µg/kg	LEA	96-5156-401	Volatile Organics
Trichloroethane,1,1,2-	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics
Trichloroethylene	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics
Trichloroethylene (mobile)	ND<17.1	µg/kg	LEA	96-5156-401	Volatile Organics
Trichloromonofluoromethane	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics
Trichloropropane,1,2,3-	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics
Vinyl Acetate	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics
Vinyl Chloride	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics
Xylenes (Total)	ND<12	µg/kg	AEL	AEL96011868	Volatile Organics

Sample Identifier 1019291 14:05 From 4 to 6 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Acetone	ND<40	µg/kg		AEL	AEL96011869	Volatile Organics
Acrolein	ND<20	µg/kg		AEL	AEL96011869	Volatile Organics
Acrylonitrile	ND<20	µg/kg		AEL	AEL96011869	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: Outside Chemical Storage Shed

Location Identifier NK-SB-206

Benzene	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Benzene (mobile)	ND<7.95	µg/kg	LEA	96-5157-402	Volatile Organics
Bromobenzene	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Bromoform	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Carbon Disulfide	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Carbon Tetrachloride	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Chlorobenzene	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Chlorodibromomethane	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Chloroethane	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Chloroform	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Chlorotoluene,o-	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Chlorotoluene,p-	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Dibromomethane	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Dichlorobenzene,1,2-	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Dichlorobenzene,1,3-	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Dichlorobenzene,1,4-	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Dichlorobromomethane	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Dichlorodifluoromethane	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Dichloroethane,1,1-	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Dichloroethane,1,2-	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Dichloroethylene,1,1-	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Dichloroethylene,1,2-cis-	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Dichloroethylene,1,2-trans-	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Dichloropropane,1,2-	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Dichloropropylene,1,3-cis-	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Dichloropropylene,1,3-trans-	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Ethylbenzene	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Ethylbenzene (mobile)	ND<17.1	µg/kg	LEA	96-5157-402	Volatile Organics
Hexanone,2-	ND<20	µg/kg	AEL	AEL96011869	Volatile Organics
Methyl Bromide	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Methyl Chloride	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Methyl Ethyl Ketone	ND<20	µg/kg	AEL	AEL96011869	Volatile Organics
Methyl-2-pentanone,4-	ND<20	µg/kg	AEL	AEL96011869	Volatile Organics
Methyl-tert-butyl Ether	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Methylene Chloride	ND<12	µg/kg	AEL	AEL96011869	Volatile Organics
Styrene	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Tetrachloroethylene	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.5	µg/kg	LEA	96-5157-402	Volatile Organics
Toluene	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Toluene (mobile)	ND<12.0	µg/kg	LEA	96-5157-402	Volatile Organics
Trichloroethane,1,1,1-	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<215	µg/kg	LEA	96-5157-402	Volatile Organics
Trichloroethane,1,1,2-	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Trichloroethylene	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Trichloroethylene (mobile)	ND<21.2	µg/kg	LEA	96-5157-402	Volatile Organics
Trichloromonofluoromethane	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics
Trichloropropane,1,2,3-	ND<8.0	µg/kg	AEL	AEL96011869	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: Outside Chemical Storage Shed

Location Identifier NK-SB-206

Vinyl Acetate	ND<8.0	µg/kg		AEL	AEL96011869	Volatile Organics
Vinyl Chloride	ND<8.0	µg/kg		AEL	AEL96011869	Volatile Organics
Xylenes (Total)	ND<8.0	µg/kg		AEL	AEL96011869	Volatile Organics

Sample Identifier 1019292 14:15 From 6 to 8 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<8.11	µg/kg		LEA	96-5158-403	Volatile Organics
Ethylbenzene (mobile)	ND<17.4	µg/kg		LEA	96-5158-403	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.9	µg/kg		LEA	96-5158-403	Volatile Organics
Toluene (mobile)	ND<12.2	µg/kg		LEA	96-5158-403	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<219	µg/kg		LEA	96-5158-403	Volatile Organics
Trichloroethylene (mobile)	ND<21.6	µg/kg		LEA	96-5158-403	Volatile Organics

Sample Identifier 1019293 14:25 From 8 to 10 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.79	µg/kg		LEA	96-5159-404	Volatile Organics
Ethylbenzene (mobile)	ND<16.8	µg/kg		LEA	96-5159-404	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.0	µg/kg		LEA	96-5159-404	Volatile Organics
Toluene (mobile)	ND<11.8	µg/kg		LEA	96-5159-404	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<211	µg/kg		LEA	96-5159-404	Volatile Organics
Trichloroethylene (mobile)	ND<20.7	µg/kg		LEA	96-5159-404	Volatile Organics

Sample Identifier 1019294 14:35 From 10 to 12 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.23	µg/kg		LEA	96-5175-013	Volatile Organics
Ethylbenzene (mobile)	ND<15.5	µg/kg		LEA	96-5175-013	Volatile Organics
Tetrachloroethylene (mobile)	ND<19.5	µg/kg		LEA	96-5175-013	Volatile Organics
Toluene (mobile)	ND<10.9	µg/kg		LEA	96-5175-013	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<195	µg/kg		LEA	96-5175-013	Volatile Organics
Trichloroethylene (mobile)	ND<19.2	µg/kg		LEA	96-5175-013	Volatile Organics

Location Identifier NK-SB-207
Sample Date 10/15/96
Sample Identifier 1019295 15:45 From 0 to 2 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Acetone	ND<31	µg/kg		AEL	AEL96011870	Volatile Organics
Acrolein	ND<10	µg/kg		AEL	AEL96011870	Volatile Organics
Acrylonitrile	ND<10	µg/kg		AEL	AEL96011870	Volatile Organics
Benzene	ND<4.1	µg/kg		AEL	AEL96011870	Volatile Organics
Benzene (mobile)	ND<7.64	µg/kg		LEA	96-5176-014	Volatile Organics
Bromobenzene	ND<4.1	µg/kg		AEL	AEL96011870	Volatile Organics
Bromoform	ND<4.1	µg/kg		AEL	AEL96011870	Volatile Organics
Carbon Disulfide	ND<4.1	µg/kg		AEL	AEL96011870	Volatile Organics
Carbon Tetrachloride	ND<4.1	µg/kg		AEL	AEL96011870	Volatile Organics
Chlorobenzene	ND<4.1	µg/kg		AEL	AEL96011870	Volatile Organics
Chlorodibromomethane	ND<4.1	µg/kg		AEL	AEL96011870	Volatile Organics
Chloroethane	ND<4.1	µg/kg		AEL	AEL96011870	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: Outside Chemical Storage Shed

Location Identifier NK-SB-207

Chloroethyl Vinyl Ether,2-	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics
Chloroform	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics
Chlorotoluene,o-	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics
Chlorotoluene,p-	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics
Dibromomethane	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics
Dichlorobenzene,1,2-	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics
Dichlorobenzene,1,3-	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics
Dichlorobenzene,1,4-	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics
Dichlorobromomethane	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics
Dichlorodifluoromethane	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics
Dichloroethane,1,1-	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics
Dichloroethane,1,2-	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics
Dichloroethylene,1,1-	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics
Dichloroethylene,1,2-cis-	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics
Dichloroethylene,1,2-trans-	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics
Dichloropropane,1,2-	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics
Dichloropropylene,1,3-cis-	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics
Dichloropropylene,1,3-trans-	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics
Ethylbenzene	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics
Ethylbenzene (mobile)	ND<16.4	µg/kg	LEA	96-5176-014	Volatile Organics
Hexanone,2-	ND<10	µg/kg	AEL	AEL96011870	Volatile Organics
Methyl Bromide	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics
Methyl Chloride	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics
Methyl Ethyl Ketone	ND<10	µg/kg	AEL	AEL96011870	Volatile Organics
Methyl-2-pentanone,4-	ND<10	µg/kg	AEL	AEL96011870	Volatile Organics
Methyl-tert-butyl Ether	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics
Methylene Chloride	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics
Styrene	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics
Tetrachloroethylene	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics
Tetrachloroethylene (mobile)	ND<20.6	µg/kg	LEA	96-5176-014	Volatile Organics
Toluene	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics
Toluene (mobile)	ND<11.5	µg/kg	LEA	96-5176-014	Volatile Organics
Trichloroethane,1,1,1-	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<207	µg/kg	LEA	96-5176-014	Volatile Organics
Trichloroethane,1,1,2-	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics
Trichloroethylene	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics
Trichloroethylene (mobile)	ND<20.3	µg/kg	LEA	96-5176-014	Volatile Organics
Trichloromonofluoromethane	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics
Trichloropropane,1,2,3-	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics
Vinyl Acetate	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics
Vinyl Chloride	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics
Xylenes (Total)	ND<4.1	µg/kg	AEL	AEL96011870	Volatile Organics

Sample Identifier 1019296 15:55 From 2 to 4 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
pH of Soil	6.6	SU		AEL	AEL97002200	Physical Analysis
Acetone	ND<27	µg/kg		AEL	AEL96011871	Volatile Organics
Acrolein	ND<14	µg/kg		AEL	AEL96011871	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: Outside Chemical Storage Shed

Location Identifier NK-SB-207

Acrylonitrile	ND<14	µg/kg	AEL	AEL96011871	Volatile Organics
Benzene	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Benzene (mobile)	ND<8.11	µg/kg	LEA	96-5177-015	Volatile Organics
Bromobenzene	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Bromoform	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Carbon Disulfide	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Carbon Tetrachloride	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Chlorobenzene	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Chlorodibromomethane	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Chloroethane	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Chloroform	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Chlorotoluene,o-	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Chlorotoluene,p-	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Dibromomethane	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Dichlorobenzene,1,2-	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Dichlorobenzene,1,3-	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Dichlorobenzene,1,4-	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Dichlorobromomethane	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Dichlorodifluoromethane	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Dichloroethane,1,1-	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Dichloroethane,1,2-	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Dichloroethylene,1,1-	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Dichloroethylene,1,2-cis-	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Dichloroethylene,1,2-trans-	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Dichloropropane,1,2-	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Dichloropropylene,1,3-cis-	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Dichloropropylene,1,3-trans-	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Ethylbenzene	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Ethylbenzene (mobile)	ND<17.4	µg/kg	LEA	96-5177-015	Volatile Organics
Hexanone,2-	ND<14	µg/kg	AEL	AEL96011871	Volatile Organics
Methyl Bromide	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Methyl Chloride	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Methyl Ethyl Ketone	ND<14	µg/kg	AEL	AEL96011871	Volatile Organics
Methyl-2-pentanone,4-	ND<14	µg/kg	AEL	AEL96011871	Volatile Organics
Methyl-tert-butyl Ether	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Methylene Chloride	ND<6.9	µg/kg	AEL	AEL96011871	Volatile Organics
Styrene	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Tetrachloroethylene	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.9	µg/kg	LEA	96-5177-015	Volatile Organics
Toluene	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Toluene (mobile)	ND<12.2	µg/kg	LEA	96-5177-015	Volatile Organics
Trichloroethane,1,1,1-	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<219	µg/kg	LEA	96-5177-015	Volatile Organics
Trichloroethane,1,1,2-	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Trichloroethylene	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics
Trichloroethylene (mobile)	ND<21.6	µg/kg	LEA	96-5177-015	Volatile Organics
Trichloromonofluoromethane	ND<5.5	µg/kg	AEL	AEL96011871	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: Outside Chemical Storage Shed

Location Identifier NK-SB-207

Trichloropropane,1,2,3-	ND<5.5	µg/kg		AEL	AEL96011871	Volatile Organics
Vinyl Acetate	ND<5.5	µg/kg		AEL	AEL96011871	Volatile Organics
Vinyl Chloride	ND<5.5	µg/kg		AEL	AEL96011871	Volatile Organics
Xylenes (Total)	ND<5.5	µg/kg		AEL	AEL96011871	Volatile Organics

Sample Identifier 1019297 16:00 From 4 to 6 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.36	µg/kg		LEA	96-5178-016	Volatile Organics
Ethylbenzene (mobile)	ND<15.8	µg/kg		LEA	96-5178-016	Volatile Organics
Tetrachloroethylene (mobile)	ND<19.9	µg/kg		LEA	96-5178-016	Volatile Organics
Toluene (mobile)	ND<11.1	µg/kg		LEA	96-5178-016	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<199	µg/kg		LEA	96-5178-016	Volatile Organics
Trichloroethylene (mobile)	ND<19.6	µg/kg		LEA	96-5178-016	Volatile Organics

Sample Identifier 1019298 16:05 From 6 to 8 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<6.63	µg/kg		LEA	96-5179-017	Volatile Organics
Ethylbenzene (mobile)	ND<14.3	µg/kg		LEA	96-5179-017	Volatile Organics
Tetrachloroethylene (mobile)	ND<17.9	µg/kg		LEA	96-5179-017	Volatile Organics
Toluene (mobile)	ND<10.0	µg/kg		LEA	96-5179-017	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<179	µg/kg		LEA	96-5179-017	Volatile Organics
Trichloroethylene (mobile)	ND<17.6	µg/kg		LEA	96-5179-017	Volatile Organics

Sample Identifier 1019299 16:15 From 8 to 10 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.36	µg/kg		LEA	96-5180-018	Volatile Organics
Ethylbenzene (mobile)	ND<15.8	µg/kg		LEA	96-5180-018	Volatile Organics
Tetrachloroethylene (mobile)	ND<19.9	µg/kg		LEA	96-5180-018	Volatile Organics
Toluene (mobile)	ND<11.1	µg/kg		LEA	96-5180-018	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<199	µg/kg		LEA	96-5180-018	Volatile Organics
Trichloroethylene (mobile)	ND<19.6	µg/kg		LEA	96-5180-018	Volatile Organics

Sample Identifier 1019300 16:25 From 10 to 12 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.50	µg/kg		LEA	96-5181-019	Volatile Organics
Ethylbenzene (mobile)	ND<16.1	µg/kg		LEA	96-5181-019	Volatile Organics
Tetrachloroethylene (mobile)	ND<20.2	µg/kg		LEA	96-5181-019	Volatile Organics
Toluene (mobile)	ND<11.3	µg/kg		LEA	96-5181-019	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<203	µg/kg		LEA	96-5181-019	Volatile Organics
Trichloroethylene (mobile)	ND<20.0	µg/kg		LEA	96-5181-019	Volatile Organics

UNIT SPECIFIC TECHNICAL MEMORANDUM: FIRE TRAINING AREA "D"
PRATT & WHITNEY, EAST HARTFORD, CT

AREA: North Klondike

SUB-AREA: M.E.R.L.

DRAFT

ENVIRONMENTAL UNIT: Fire Training Area "D"

Location: North Klondike (Suntan) Area; first road south on north access road, from Perimeter Road; to the north of the Control Room (Drawing ___).

Description: Fire Training Area "D" was an open area. A circular pit was reported to have been dug to be filled with water prior to training exercises. No evidence of the pit was observed in 1996 by LEA, and the exact location is unknown.

Dates of Operation: 1950s (for a maximum of two years)

Processes: Flammable and combustible materials were poured onto the water-filled pit and ignited for fire fighting training exercises.

Specific Contaminants of Concern: Flammable and combustible materials including jet fuels, gasoline, and waste oil.

Area-wide Classes of Contaminants: Volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), the RCRA 8 metals plus nickel and zinc, total petroleum hydrocarbons (TPH) and polychlorinated biphenyls (PCBs).

Potential Release Mechanism: Impacts to soils and groundwater associated with potential spillage and/or leakage of burnt or unburnt liquids.

INVESTIGATION AND REMEDIATION ACTIVITIES:

Due to the potential for a release associated with this unit, a subsurface investigation to determine the degree and extent of soil contamination was performed in June 1996. Prior to 1996, no subsurface investigation had reportedly been performed.

June 1996 Investigation (LEA):

Description: On June 26, 1996, three soil borings (NK-SB-05 through NK-SB-07) were advanced to a depth of 15 feet in the vicinity of the former Fire Training Area "D", as shown on Figure ___. The depth of 15 feet was selected to ensure that sufficient data were collected for comparisons against the direct exposure criteria in the Connecticut Remediation Standard Regulation (RSR). Soil samples were collected from each of the borings in continuous 2-foot intervals to 14 feet, with a one-foot interval from 14 to 15 feet.

A total of 25 soil samples were submitted to the LEA Analytical Laboratory and screened for the presence of select VOCs. Based on visual, olfactory, or instrument evidence, and with consideration of the potential release mechanism, two samples from each of the borings and one duplicate were submitted to AEL and analyzed for the presence of VOCs and the RCRA 8 metals plus nickel and zinc. VOCs were selected as an indicator parameter, consequently SVOCs, TPH, and PCBs were not analyzed. A summary of the samples collected and analyses performed during this investigation is included in Table 1.

Investigation Results: Based on the boring logs, groundwater was encountered at approximately 4 feet in all three borings. Varved clay was encountered at approximately 11.5 feet in borings NK-SB-05 and NK-SB-07, but was not encountered in boring NK-SB-06. No visual or olfactory evidence of contamination was noted on the boring logs for these three borings.

Concentrations of constituents detected in soil samples collected for this unit are presented in Table 2. The highest concentration of each constituent detected above background at each sampling location is shown on Figure ___. No VOCs were detected in the soil samples submitted to the LEA Analytical Laboratory or AEL. One or more of the metals analyzed were detected in each of the soil samples submitted for analysis. These metals included barium, chromium, and zinc.

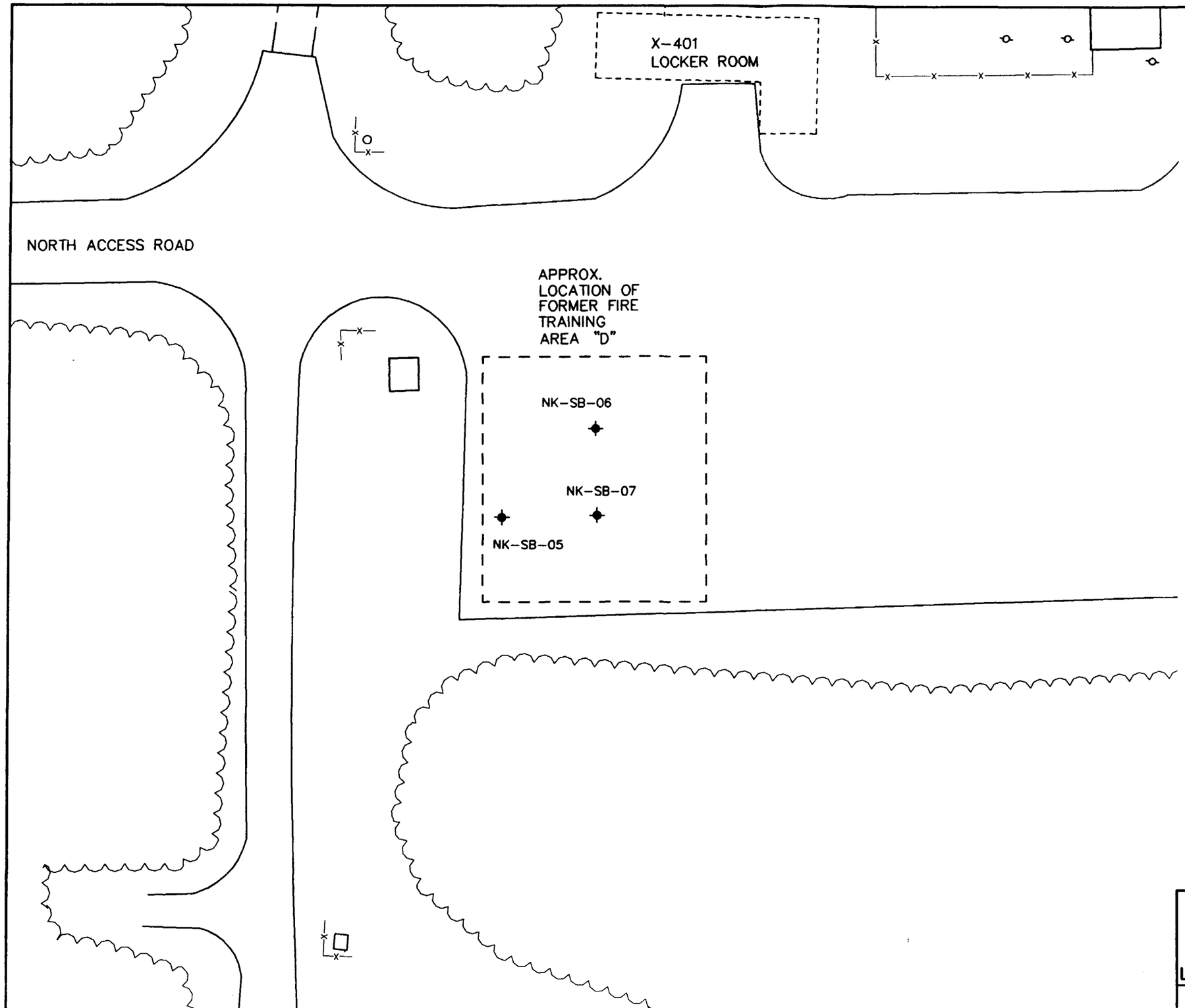
Data Evaluation and Conclusions: Based on a review of the analytical results, there is no evidence that a release has occurred, and it is believed that the area has been adequately characterized.

The data were compared against the default numeric criteria included in the RSR and the site-specific background soil concentrations for the North Klondike for various inorganic constituents (Fuss & O'Neill, 1994). This evaluation of the soils data is based on a comparison to the residential and industrial/commercial direct exposure criteria (DEC), the GB pollutant mobility criteria (PMC) included in the RSR, as well as the site-specific background soil concentrations.

The concentrations of the metals detected in these samples are typical of "Walpole Soils" background concentrations and are not indicative of a release from this unit. For the metals detected in soil, no exceedances of the residential or industrial/commercial direct exposure criteria were noted.

PROPOSED ACTIONS:

Since there is no evidence that a release occurred and the area has been adequately characterized (based on the results of the laboratory analyses of soil samples), no further action is warranted for this unit.



LEGEND

- MICRO WELL
- MONITORING WELL
- SCREEN POINT
- SOIL BORING
- VAPOR EXTRACTION WELL
- PEIZOMETER
- SOIL SAMPLE
- SEDIMENT/SLUDGE SURFACE WATER SAMPLE
- TEST PIT

LOCATION IDENTIFIER	CA-5D		
CHEMICAL NAME	PCE	3900 ug/kg *	10-12
	As	8.25 mg/kg	10-12
	As SPLP	0.010 mg/l	10-12
	Ba	0.028 ug/l	10-12

DEPTH IN FEET

HIGHEST CONCENTRATION OF CONSTITUENT DETECTED IN BORING

* Indicates analysis by mobile laboratory

NOTES:
SOIL UNITS ARE ug/kg or mg/kg
GROUNDWATER UNITS ARE ug/l or mg/l
SPLP UNITS ARE mg/l

ABBREVIATIONS

VOCs

Acetone	ACT
Benzene	BZ
Carbon disulfide	CDIS
Chlorobenzene	CBZ
Chloroform	CFM
Chloroethane	CEA
1,2-Dichlorobenzene	2DCB
1,3-Dichlorobenzene	3DCB
1,4-Dichlorobenzene	4DCB
1,1-Dichloroethane	11DCA
1,2-Dichloroethane	12DCA
1,1-Dichloroethylene	11DCE
1,2-Dichloroethylene	12DCE
Cis-1,2-Dichloroethylene	CDCE
Trans-1,2-Dichloroethylene	TDCE
Ethylbenzene	EBZ
Methyl chloride(Chloromethane)	MCM
Methylene chloride	MC
Methyl ethyl ketone	MEK
Methyl-tert-butyl ether	MTBE
Tetrachloroethylene	PCE
1,1,2,2-Tetrachloroethane	1122TTCA
Toluene	TL
1,1,1-Trichloroethane	TCA
1,1,2-Trichloroethane	112TCA
Trichloroethylene	TCE
Vinyl chloride	VC
Xylenes	XYL

SVOCs

Anthracene	ANTH
Acenaphthene	ACN
Acenaphthylene	ACNE
Benzo[a]anthracene	BA
Benzo[a]pyrene	BAP
Benzo[b]fluoranthene	BBF
Benzo[ghi]perylene	BGP
Benzo[k]fluoranthene	BKF
Bis(2ethylhexyl)phthalate	DEHP
Butyl benzyl phthalate	BBP
Chryeene	CRYS
Dibenzo[a,h]anthracene	DBA
Di-n-butyl phthalate	DBP
Flouranthene	FA
Fluorene	FLE
Indeno(1,2,3-cd)pyrene	IP
Napthalene	NAP
Phenanthrene	PHN
Pyrene	PYR

METALS

Arsenic	As	Lead	Pb
Barium	Ba	Mercury	Hg
Beryllium	Be	Nickel	Ni
Cadmium	Cd	Selenium	Se
Chromium (total)	Cr	Silver	Ag
Copper	Cu	Zinc	Zn

MISC.

Total Petroleum Hydrocarbons	TPH
Polychlorinated Biphenyl	PCB

10 0 10 20 30
SCALE IN FEET

N

AIRPORT/KLONDIKE INVESTIGATION
PRATT & WHITNEY, EAST HARTFORD, CT
M.E.R.L. AREA
FIRE TRAINING AREA "D"
LOCATION & CONSTITUENTS DETECTED MAP

Comm.No.	FIG.	LEA

10-6-97
MERL

Table 1
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION
P&W East Hartford: Fire Training Area D

Sample Information						Analysis Information								
Location ID	Sample ID	Sample Date	From (ft)	To (ft)	Class	Portable GC	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides	PCBs	Metals	Extraction	Miscellaneous
NK-SB-05	1015511	6/26/96	0	2	SB	x								
NK-SB-05	1015512	6/26/96	2	4	SB	x	x					X	X	
NK-SB-05	1015513	6/26/96	4	6	SB	x								
NK-SB-05	1015514	6/26/96	6	8	SB	x	x					X		
NK-SB-05	1015515	6/26/96	8	10	SB	x								
NK-SB-05	1015516	6/26/96	10	12	SB	x								
NK-SB-05	1015517	6/26/96	12	14	SB	x								
NK-SB-05	1015518	6/26/96	14	15	SB	x								
NK-SB-06	1015527	6/26/96	0	2	SB	x								
NK-SB-06	1015528	6/26/96	2	4	SB	x	x					X		
NK-SB-06	1015529	6/26/96	2	4	SB	x	x					X	X	
NK-SB-06	1015530	6/26/96	4	6	SB	x								
NK-SB-06	1015531	6/26/96	6	8	SB	x								
NK-SB-06	1015532	6/26/96	8	10	SB	x	x					X		
NK-SB-06	1015533	6/26/96	10	12	SB	x								
NK-SB-06	1015534	6/26/96	12	14	SB	x								
NK-SB-06	1015535	6/26/96	14	15	SB	x								
NK-SB-07	1015519	6/26/96	0	2	SB	x								
NK-SB-07	1015520	6/26/96	2	4	SB	x	x					X	X	
NK-SB-07	1015521	6/26/96	4	6	SB	x								
NK-SB-07	1015522	6/26/96	6	8	SB	x	x					X		
NK-SB-07	1015523	6/26/96	8	10	SB	x								
NK-SB-07	1015524	6/26/96	10	12	SB	x								
NK-SB-07	1015525	6/26/96	12	14	SB	x								
NK-SB-07	1015526	6/26/96	14	15	SB	x								

Notes: 1. Legend: X - Analysed; at least one analyte over the detection limit; x - Analysed, no analytes in group over the detection limit
2. Printed on 10/03/1997

LEA

Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOIL
P&W East Hartford: Fire Training Area D

	Location ID	NK-SB-05	NK-SB-05	NK-SB-05	NK-SB-06	NK-SB-06	NK-SB-06	NK-SB-06
	Sample ID	1015512	1015512	1015514	1015528	1015529	1015529	1015532
	Sample Date	06/26/1996	06/26/1996	06/26/1996	06/26/1996	06/26/1996	06/26/1996	06/26/1996
	Sample Time	10:20	10:20	10:43	14:57	15:00	15:00	15:22
	Sample Depth	2' - 4'	2' - 4'	6' - 8'	2' - 4'	2' - 4'	2' - 4'	8' - 10'
	Laboratory	AEL	AEL	AEL	AEL	AEL	AEL	AEL
	Lab. Number	AEL96007047	AEL96010871	AEL96007051	AEL96007049	AEL96007050	AEL96010872	AEL96007053
Constituent	Units							
Date Metals Analyzed	-	07/02/1996		07/02/1996	07/02/1996	07/02/1996		07/02/1996
Date of Metals SPLP Analysis	-		10/04/1996				10/04/1996	
Date of Other SPLP Analysis	-		10/02/1996				10/02/1996	
Extraction Fluid No.	-		1				1	
Barium	mg/kg	11		18	15.2	15.1		25.7
Chromium	mg/kg	5.35		6.78	6.01	5.97		
Zinc	mg/kg	20		19.9	26.5	10.7		15
Zinc (SPLP)	mg/L		0.086				0.073	

Notes: 1. Only Detects Shown
2. Printed on 10/03/1997

LEA

Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOIL
P&W East Hartford: Fire Training Area D

	Location ID	NK-SB-07	NK-SB-07	NK-SB-07				
	Sample ID	1015520	1015520	1015522				
	Sample Date	06/26/1996	06/26/1996	06/26/1996				
	Sample Time	13:33	13:33	13:41				
	Sample Depth	2' - 4'	2' - 4'	6' - 8'				
	Laboratory	AEL	AEL	AEL				
	Lab. Number	AEL96007048	AEL96010873	AEL96007052				
Constituent	Units							
Date Metals Analyzed	-	07/02/1996		07/02/1996				
Date of Metals SPLP Analysis	-		10/04/1996					
Date of Other SPLP Analysis	-		10/02/1996					
Extraction Fluid No.	-		1					
Barium	mg/kg	12.6		15.8				
Chromium	mg/kg							
Zinc	mg/kg	15.7		14.2				
Zinc (SPLP)	mg/L		0.186					

Notes: 1. Only Detects Shown
2. Printed on 10/03/1997

LEA

LEA Data Management

Location Identifier NK-SB-05

Location Identifier NK-SB-05
Sample Date 6/26/96
Sample Identifier 1015511 10:15 From 0 to 2 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<15.3	µg/kg		LEA	96-3087-034	Volatile Organics
Tetrachloroethylene (mobile)	ND<23.4	µg/kg		LEA	96-3087-034	Volatile Organics
Toluene (mobile)	ND<21.6	µg/kg		LEA	96-3087-034	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<375	µg/kg		LEA	96-3087-034	Volatile Organics
Trichloroethylene (mobile)	ND<36.3	µg/kg		LEA	96-3087-034	Volatile Organics

Sample Identifier 1015512 10:20 From 2 to 4 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<1.07	mg/kg		AEL	AEL96007047	Metals
Barium	11	mg/kg		AEL	AEL96007047	Metals
Cadmium	ND<3.21	mg/kg		AEL	AEL96007047	Metals
Chromium	5.35	mg/kg		AEL	AEL96007047	Metals
Lead	ND<21.4	mg/kg		AEL	AEL96007047	Metals
Mercury	ND<0.214	mg/kg		AEL	AEL96007047	Metals
Nickel	ND<10.7	mg/kg		AEL	AEL96007047	Metals
Selenium	ND<1.07	mg/kg		AEL	AEL96007047	Metals
Silver	ND<5.35	mg/kg		AEL	AEL96007047	Metals
Zinc	20	mg/kg		AEL	AEL96007047	Metals
Acetone	ND<53	µg/kg		AEL	AEL96007047	Volatile Organics
Acrolein	ND<26	µg/kg		AEL	AEL96007047	Volatile Organics
Acrylonitrile	ND<26	µg/kg		AEL	AEL96007047	Volatile Organics
Benzene	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Benzene (mobile)	ND<14.7	µg/kg		LEA	96-3088-035	Volatile Organics
Bromobenzene	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Bromoform	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Carbon Disulfide	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Carbon Tetrachloride	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Chlorobenzene	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Chlorodibromomethane	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Chloroethane	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Chloroform	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Chlorotoluene,o-	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Chlorotoluene,p-	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Dibromomethane	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Dichlorobenzene,1,2-	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Dichlorobenzene,1,3-	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Dichlorobenzene,1,4-	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Dichlorobromomethane	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Dichlorodifluoromethane	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Dichloroethane,1,1-	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Dichloroethane,1,2-	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Dichloroethylene,1,1-	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Dichloroethylene,1,2-cis-	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Dichloroethylene,1,2-trans-	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Dichloropropane,1,2-	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Dichloropropylene,1,3-cis-	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Dichloropropylene,1,3-trans-	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics

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Ethylbenzene	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Hexanone,2-	ND<26	µg/kg		AEL	AEL96007047	Volatile Organics
Methyl Bromide	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Methyl Chloride	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Methyl Ethyl Ketone	ND<26	µg/kg		AEL	AEL96007047	Volatile Organics
Methyl-2-pentanone,4-	ND<26	µg/kg		AEL	AEL96007047	Volatile Organics
Methyl-tert-butyl Ether	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Methylene Chloride	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Styrene	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Tetrachloroethylene	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Tetrachloroethylene (mobile)	ND<22.5	µg/kg		LEA	96-3088-035	Volatile Organics
Toluene	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Toluene (mobile)	ND<20.8	µg/kg		LEA	96-3088-035	Volatile Organics
Trichloroethane,1,1,1-	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<361	µg/kg		LEA	96-3088-035	Volatile Organics
Trichloroethane,1,1,2-	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Trichloroethylene	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Trichloroethylene (mobile)	ND<35.0	µg/kg		LEA	96-3088-035	Volatile Organics
Trichloromonofluoromethane	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Trichloropropane,1,2,3-	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Vinyl Acetate	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Vinyl Chloride	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics
Xylenes (Total)	ND<11	µg/kg		AEL	AEL96007047	Volatile Organics

Sample Identifier 1015513 10:40 From 4 to 6 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<23.4	µg/kg		LEA	96-3089-036	Volatile Organics
Tetrachloroethylene (mobile)	ND<35.7	µg/kg		LEA	96-3089-036	Volatile Organics
Toluene (mobile)	ND<33.1	µg/kg		LEA	96-3089-036	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<574	µg/kg		LEA	96-3089-036	Volatile Organics
Trichloroethylene (mobile)	ND<55.6	µg/kg		LEA	96-3089-036	Volatile Organics

Sample Identifier 1015514 10:43 From 6 to 8 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<1.13	mg/kg		AEL	AEL96007051	Metals
Barium	18	mg/kg		AEL	AEL96007051	Metals
Cadmium	ND<3.39	mg/kg		AEL	AEL96007051	Metals
Chromium	6.78	mg/kg		AEL	AEL96007051	Metals
Lead	ND<22.6	mg/kg		AEL	AEL96007051	Metals
Mercury	ND<0.226	mg/kg		AEL	AEL96007051	Metals
Nickel	ND<11.3	mg/kg		AEL	AEL96007051	Metals
Selenium	ND<1.13	mg/kg		AEL	AEL96007051	Metals
Silver	ND<5.65	mg/kg		AEL	AEL96007051	Metals
Zinc	19.9	mg/kg		AEL	AEL96007051	Metals
Acetone	ND<38	µg/kg		AEL	AEL96007051	Volatile Organics
Acrolein	ND<19	µg/kg		AEL	AEL96007051	Volatile Organics
Acrylonitrile	ND<19	µg/kg		AEL	AEL96007051	Volatile Organics
Benzene	ND<7.7	µg/kg		AEL	AEL96007051	Volatile Organics
Benzene (mobile)	ND<13.3	µg/kg		LEA	96-3090-037	Volatile Organics
Bromobenzene	ND<7.7	µg/kg		AEL	AEL96007051	Volatile Organics

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Bromoform	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Carbon Disulfide	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Carbon Tetrachloride	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Chlorobenzene	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Chlorodibromomethane	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Chloroethane	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Chloroform	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Chlorotoluene,o-	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Chlorotoluene,p-	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Dibromomethane	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Dichlorobenzene,1,2-	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Dichlorobenzene,1,3-	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Dichlorobenzene,1,4-	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Dichlorobromomethane	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Dichlorodifluoromethane	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Dichloroethane,1,1-	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Dichloroethane,1,2-	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Dichloroethylene,1,1-	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Dichloroethylene,1,2-cis-	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Dichloroethylene,1,2-trans-	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Dichloropropane,1,2-	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Dichloropropylene,1,3-cis-	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Dichloropropylene,1,3-trans-	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Ethylbenzene	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Hexanone,2-	ND<19	µg/kg	AEL	AEL96007051	Volatile Organics
Methyl Bromide	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Methyl Chloride	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Methyl Ethyl Ketone	ND<19	µg/kg	AEL	AEL96007051	Volatile Organics
Methyl-2-pentanone,4-	ND<19	µg/kg	AEL	AEL96007051	Volatile Organics
Methyl-tert-butyl Ether	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Methylene Chloride	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Styrene	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Tetrachloroethylene	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Tetrachloroethylene (mobile)	ND<20.3	µg/kg	LEA	96-3090-037	Volatile Organics
Toluene	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Toluene (mobile)	ND<18.8	µg/kg	LEA	96-3090-037	Volatile Organics
Trichloroethane,1,1,1-	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<325	µg/kg	LEA	96-3090-037	Volatile Organics
Trichloroethane,1,1,2-	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Trichloroethylene	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Trichloroethylene (mobile)	ND<31.5	µg/kg	LEA	96-3090-037	Volatile Organics
Trichloromonofluoromethane	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Trichloropropane,1,2,3-	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Vinyl Acetate	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Vinyl Chloride	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics
Xylenes (Total)	ND<7.7	µg/kg	AEL	AEL96007051	Volatile Organics

Sample Identifier 1015515 10:57 From 8 to 10 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class

LEA Data Management

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Benzene (mobile)	ND<14.2	µg/kg		LEA	96-3091-038	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.7	µg/kg		LEA	96-3091-038	Volatile Organics
Toluene (mobile)	ND<20.1	µg/kg		LEA	96-3091-038	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<348	µg/kg		LEA	96-3091-038	Volatile Organics
Trichloroethylene (mobile)	ND<33.8	µg/kg		LEA	96-3091-038	Volatile Organics

Sample Identifier 1015516 11:00 From 10 to 12 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<14.7	µg/kg		LEA	96-3092-039	Volatile Organics
Tetrachloroethylene (mobile)	ND<22.5	µg/kg		LEA	96-3092-039	Volatile Organics
Toluene (mobile)	ND<20.8	µg/kg		LEA	96-3092-039	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<361	µg/kg		LEA	96-3092-039	Volatile Organics
Trichloroethylene (mobile)	ND<35.0	µg/kg		LEA	96-3092-039	Volatile Organics

Sample Identifier 1015517 11:30 From 12 to 14 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<11.0	µg/kg		LEA	96-3093-040	Volatile Organics
Tetrachloroethylene (mobile)	ND<16.9	µg/kg		LEA	96-3093-040	Volatile Organics
Toluene (mobile)	ND<15.6	µg/kg		LEA	96-3093-040	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<271	µg/kg		LEA	96-3093-040	Volatile Organics
Trichloroethylene (mobile)	ND<26.3	µg/kg		LEA	96-3093-040	Volatile Organics

Sample Identifier 1015518 11:33 From 14 to 15 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<14.2	µg/kg		LEA	96-3094-041	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.7	µg/kg		LEA	96-3094-041	Volatile Organics
Toluene (mobile)	ND<20.1	µg/kg		LEA	96-3094-041	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<348	µg/kg		LEA	96-3094-041	Volatile Organics
Trichloroethylene (mobile)	ND<33.8	µg/kg		LEA	96-3094-041	Volatile Organics

Location Identifier NK-SB-06

Sample Date 6/26/96

Sample Identifier 1015527 14:52 From 0 to 2 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<14.5	µg/kg		LEA	96-3103-050	Volatile Organics
Tetrachloroethylene (mobile)	ND<22.1	µg/kg		LEA	96-3103-050	Volatile Organics
Toluene (mobile)	ND<20.5	µg/kg		LEA	96-3103-050	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<355	µg/kg		LEA	96-3103-050	Volatile Organics
Trichloroethylene (mobile)	ND<34.4	µg/kg		LEA	96-3103-050	Volatile Organics

Sample Identifier 1015528 14:57 From 2 to 4 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<1.02	mg/kg		AEL	AEL96007049	Metals
Barium	15.2	mg/kg		AEL	AEL96007049	Metals
Cadmium	ND<3.06	mg/kg		AEL	AEL96007049	Metals
Chromium	6.01	mg/kg		AEL	AEL96007049	Metals
Lead	ND<20.4	mg/kg		AEL	AEL96007049	Metals
Mercury	ND<0.204	mg/kg		AEL	AEL96007049	Metals
Nickel	ND<10.2	mg/kg		AEL	AEL96007049	Metals

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Selenium	ND<1.02	mg/kg	AEL	AEL96007049	Metals
Silver	ND<5.09	mg/kg	AEL	AEL96007049	Metals
Zinc	26.5	mg/kg	AEL	AEL96007049	Metals
Acetone	ND<24	µg/kg	AEL	AEL96007049	Volatile Organics
Acrolein	ND<12	µg/kg	AEL	AEL96007049	Volatile Organics
Acrylonitrile	ND<12	µg/kg	AEL	AEL96007049	Volatile Organics
Benzene	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Benzene (mobile)	ND<14.5	µg/kg	LEA	96-3105-052	Volatile Organics
Bromobenzene	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Bromoform	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Carbon Disulfide	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Carbon Tetrachloride	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Chlorobenzene	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Chlorodibromomethane	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Chloroethane	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Chloroform	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Chlorotoluene,o-	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Chlorotoluene,p-	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Dibromomethane	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Dichlorobenzene,1,2-	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Dichlorobenzene,1,3-	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Dichlorobenzene,1,4-	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Dichlorobromomethane	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Dichlorodifluoromethane	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Dichloroethane,1,1-	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Dichloroethane,1,2-	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Dichloroethylene,1,1-	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Dichloroethylene,1,2-cis-	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Dichloroethylene,1,2-trans-	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Dichloropropane,1,2-	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Dichloropropylene,1,3-cis-	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Dichloropropylene,1,3-trans-	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Ethylbenzene	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Hexanone,2-	ND<12	µg/kg	AEL	AEL96007049	Volatile Organics
Methyl Bromide	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Methyl Chloride	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Methyl Ethyl Ketone	ND<12	µg/kg	AEL	AEL96007049	Volatile Organics
Methyl-2-pentanone,4-	ND<12	µg/kg	AEL	AEL96007049	Volatile Organics
Methyl-tert-butyl Ether	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Methylene Chloride	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Styrene	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Tetrachloroethylene	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Tetrachloroethylene (mobile)	ND<22.1	µg/kg	LEA	96-3105-052	Volatile Organics
Toluene	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Toluene (mobile)	ND<20.5	µg/kg	LEA	96-3105-052	Volatile Organics
Trichloroethane,1,1,1-	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<355	µg/kg	LEA	96-3105-052	Volatile Organics
Trichloroethane,1,1,2-	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Trichloroethylene	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics

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Trichloroethylene (mobile)	ND<34.4	µg/kg	LEA	96-3105-052	Volatile Organics
Trichloromonofluoromethane	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Trichloropropane,1,2,3-	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Vinyl Acetate	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Vinyl Chloride	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics
Xylenes (Total)	ND<4.9	µg/kg	AEL	AEL96007049	Volatile Organics

Sample Identifier 1015529 15:00 From 2 to 4 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<1.1	mg/kg		AEL	AEL96007050	Metals
Barium	15.1	mg/kg		AEL	AEL96007050	Metals
Cadmium	ND<3.31	mg/kg		AEL	AEL96007050	Metals
Chromium	5.97	mg/kg		AEL	AEL96007050	Metals
Lead	ND<22.1	mg/kg		AEL	AEL96007050	Metals
Mercury	ND<0.221	mg/kg		AEL	AEL96007050	Metals
Nickel	ND<11	mg/kg		AEL	AEL96007050	Metals
Selenium	ND<1.1	mg/kg		AEL	AEL96007050	Metals
Silver	ND<5.31	mg/kg		AEL	AEL96007050	Metals
Zinc	10.7	mg/kg		AEL	AEL96007050	Metals
Acetone	ND<27	µg/kg		AEL	AEL96007050	Volatile Organics
Acrolein	ND<13	µg/kg		AEL	AEL96007050	Volatile Organics
Acrylonitrile	ND<13	µg/kg		AEL	AEL96007050	Volatile Organics
Benzene	ND<5.4	µg/kg		AEL	AEL96007050	Volatile Organics
Benzene (mobile)	ND<14.2	µg/kg		LEA	96-3106-053	Volatile Organics
Bromobenzene	ND<5.4	µg/kg		AEL	AEL96007050	Volatile Organics
Bromoform	ND<5.4	µg/kg		AEL	AEL96007050	Volatile Organics
Carbon Disulfide	ND<5.4	µg/kg		AEL	AEL96007050	Volatile Organics
Carbon Tetrachloride	ND<5.4	µg/kg		AEL	AEL96007050	Volatile Organics
Chlorobenzene	ND<5.4	µg/kg		AEL	AEL96007050	Volatile Organics
Chlorodibromomethane	ND<5.4	µg/kg		AEL	AEL96007050	Volatile Organics
Chloroethane	ND<5.4	µg/kg		AEL	AEL96007050	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<5.4	µg/kg		AEL	AEL96007050	Volatile Organics
Chloroform	ND<5.4	µg/kg		AEL	AEL96007050	Volatile Organics
Chlorotoluene,o-	ND<5.4	µg/kg		AEL	AEL96007050	Volatile Organics
Chlorotoluene,p-	ND<5.4	µg/kg		AEL	AEL96007050	Volatile Organics
Dibromomethane	ND<5.4	µg/kg		AEL	AEL96007050	Volatile Organics
Dichlorobenzene,1,2-	ND<5.4	µg/kg		AEL	AEL96007050	Volatile Organics
Dichlorobenzene,1,3-	ND<5.4	µg/kg		AEL	AEL96007050	Volatile Organics
Dichlorobenzene,1,4-	ND<5.4	µg/kg		AEL	AEL96007050	Volatile Organics
Dichlorobromomethane	ND<5.4	µg/kg		AEL	AEL96007050	Volatile Organics
Dichlorodifluoromethane	ND<5.4	µg/kg		AEL	AEL96007050	Volatile Organics
Dichloroethane,1,1-	ND<5.4	µg/kg		AEL	AEL96007050	Volatile Organics
Dichloroethane,1,2-	ND<5.4	µg/kg		AEL	AEL96007050	Volatile Organics
Dichloroethylene,1,1-	ND<5.4	µg/kg		AEL	AEL96007050	Volatile Organics
Dichloroethylene,1,2-cis-	ND<5.4	µg/kg		AEL	AEL96007050	Volatile Organics
Dichloroethylene,1,2-trans-	ND<5.4	µg/kg		AEL	AEL96007050	Volatile Organics
Dichloropropane,1,2-	ND<5.4	µg/kg		AEL	AEL96007050	Volatile Organics
Dichloropropylene,1,3-cis-	ND<5.4	µg/kg		AEL	AEL96007050	Volatile Organics
Dichloropropylene,1,3-trans-	ND<5.4	µg/kg		AEL	AEL96007050	Volatile Organics
Ethylbenzene	ND<5.4	µg/kg		AEL	AEL96007050	Volatile Organics
Hexanone,2-	ND<13	µg/kg		AEL	AEL96007050	Volatile Organics
Methyl Bromide	ND<5.4	µg/kg		AEL	AEL96007050	Volatile Organics

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Methyl Chloride	ND<5.4	µg/kg	AEL	AEL96007050	Volatile Organics
Methyl Ethyl Ketone	ND<13	µg/kg	AEL	AEL96007050	Volatile Organics
Methyl-2-pentanone,4-	ND<13	µg/kg	AEL	AEL96007050	Volatile Organics
Methyl-tert-butyl Ether	ND<5.4	µg/kg	AEL	AEL96007050	Volatile Organics
Methylene Chloride	ND<5.4	µg/kg	AEL	AEL96007050	Volatile Organics
Styrene	ND<5.4	µg/kg	AEL	AEL96007050	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<5.4	µg/kg	AEL	AEL96007050	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<5.4	µg/kg	AEL	AEL96007050	Volatile Organics
Tetrachloroethylene	ND<5.4	µg/kg	AEL	AEL96007050	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.7	µg/kg	LEA	96-3106-053	Volatile Organics
Toluene	ND<5.4	µg/kg	AEL	AEL96007050	Volatile Organics
Toluene (mobile)	ND<20.1	µg/kg	LEA	96-3106-053	Volatile Organics
Trichloroethane,1,1,1-	ND<5.4	µg/kg	AEL	AEL96007050	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<348	µg/kg	LEA	96-3106-053	Volatile Organics
Trichloroethane,1,1,2-	ND<5.4	µg/kg	AEL	AEL96007050	Volatile Organics
Trichloroethylene	ND<5.4	µg/kg	AEL	AEL96007050	Volatile Organics
Trichloroethylene (mobile)	ND<33.8	µg/kg	LEA	96-3106-053	Volatile Organics
Trichloromonofluoromethane	ND<5.4	µg/kg	AEL	AEL96007050	Volatile Organics
Trichloropropane,1,2,3-	ND<5.4	µg/kg	AEL	AEL96007050	Volatile Organics
Vinyl Acetate	ND<5.4	µg/kg	AEL	AEL96007050	Volatile Organics
Vinyl Chloride	ND<5.4	µg/kg	AEL	AEL96007050	Volatile Organics
Xylenes (Total)	ND<5.4	µg/kg	AEL	AEL96007050	Volatile Organics

Sample Identifier 1015530 15:10 From 4 to 6 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<15.0	µg/kg		LEA	96-3107-054	Volatile Organics
Tetrachloroethylene (mobile)	ND<22.9	µg/kg		LEA	96-3107-054	Volatile Organics
Toluene (mobile)	ND<21.2	µg/kg		LEA	96-3107-054	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<368	µg/kg		LEA	96-3107-054	Volatile Organics
Trichloroethylene (mobile)	ND<35.7	µg/kg		LEA	96-3107-054	Volatile Organics

Sample Identifier 1015531 15:22 From 6 to 8 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<16.6	µg/kg		LEA	96-3108-055	Volatile Organics
Tetrachloroethylene (mobile)	ND<25.3	µg/kg		LEA	96-3108-055	Volatile Organics
Toluene (mobile)	ND<23.4	µg/kg		LEA	96-3108-055	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<406	µg/kg		LEA	96-3108-055	Volatile Organics
Trichloroethylene (mobile)	ND<39.4	µg/kg		LEA	96-3108-055	Volatile Organics

Sample Identifier 1015532 15:22 From 8 to 10 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<1.14	mg/kg		AEL	AEL96007053	Metals
Barium	25.7	mg/kg		AEL	AEL96007053	Metals
Cadmium	ND<3.43	mg/kg		AEL	AEL96007053	Metals
Chromium	ND<5.71	mg/kg		AEL	AEL96007053	Metals
Lead	ND<22.9	mg/kg		AEL	AEL96007053	Metals
Mercury	ND<0.229	mg/kg		AEL	AEL96007053	Metals
Nickel	ND<11.4	mg/kg		AEL	AEL96007053	Metals
Selenium	ND<1.14	mg/kg		AEL	AEL96007053	Metals
Silver	ND<5.71	mg/kg		AEL	AEL96007053	Metals
Zinc	15	mg/kg		AEL	AEL96007053	Metals
Acetone	ND<28	µg/kg		AEL	AEL96007053	Volatile Organics

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Acrolein	ND<14	µg/kg	AEL	AEL96007053	Volatile Organics
Acrylonitrile	ND<14	µg/kg	AEL	AEL96007053	Volatile Organics
Benzene	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Benzene (mobile)	ND<2.65	µg/kg	LEA	96-3083-025	Volatile Organics
Bromobenzene	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Bromoform	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Carbon Disulfide	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Carbon Tetrachloride	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Chlorobenzene	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Chlorodibromomethane	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Chloroethane	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Chloroform	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Chlorotoluene,o-	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Chlorotoluene,p-	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Dibromomethane	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Dichlorobenzene,1,2-	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Dichlorobenzene,1,3-	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Dichlorobenzene,1,4-	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Dichlorobromomethane	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Dichlorodifluoromethane	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Dichloroethane,1,1-	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Dichloroethane,1,2-	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Dichloroethylene,1,1-	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Dichloroethylene,1,2-cis-	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Dichloroethylene,1,2-trans-	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Dichloropropane,1,2-	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Dichloropropylene,1,3-cis-	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Dichloropropylene,1,3-trans-	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Ethylbenzene	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Hexanone,2-	ND<14	µg/kg	AEL	AEL96007053	Volatile Organics
Methyl Bromide	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Methyl Chloride	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Methyl Ethyl Ketone	ND<14	µg/kg	AEL	AEL96007053	Volatile Organics
Methyl-2-pentanone,4-	ND<14	µg/kg	AEL	AEL96007053	Volatile Organics
Methyl-tert-butyl Ether	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Methylene Chloride	ND<8.3	µg/kg	AEL	AEL96007053	Volatile Organics
Styrene	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Tetrachloroethylene	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Tetrachloroethylene (mobile)	ND<4.05	µg/kg	LEA	96-3083-025	Volatile Organics
Toluene	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Toluene (mobile)	ND<3.75	µg/kg	LEA	96-3083-025	Volatile Organics
Trichloroethane,1,1,1-	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<65.0	µg/kg	LEA	96-3083-025	Volatile Organics
Trichloroethane,1,1,2-	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Trichloroethylene	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Trichloroethylene (mobile)	ND<6.30	µg/kg	LEA	96-3083-025	Volatile Organics
Trichloromonofluoromethane	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Trichloropropane,1,2,3-	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Vinyl Acetate	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics

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Vinyl Chloride	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics
Xylenes (Total)	ND<5.5	µg/kg	AEL	AEL96007053	Volatile Organics

Sample Identifier 1015533 15:24 From 10 to 12 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<13.9	µg/kg		LEA	96-3109-056	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.3	µg/kg		LEA	96-3109-056	Volatile Organics
Toluene (mobile)	ND<19.7	µg/kg		LEA	96-3109-056	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<342	µg/kg		LEA	96-3109-056	Volatile Organics
Trichloroethylene (mobile)	ND<33.2	µg/kg		LEA	96-3109-056	Volatile Organics

Sample Identifier 1015534 15:45 From 12 to 14 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<16.2	µg/kg		LEA	96-3110-057	Volatile Organics
Tetrachloroethylene (mobile)	ND<24.8	µg/kg		LEA	96-3110-057	Volatile Organics
Toluene (mobile)	ND<23.0	µg/kg		LEA	96-3110-057	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<398	µg/kg		LEA	96-3110-057	Volatile Organics
Trichloroethylene (mobile)	ND<38.6	µg/kg		LEA	96-3110-057	Volatile Organics

Sample Identifier 1015535 15:50 From 14 to 15 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<15.9	µg/kg		LEA	96-3111-058	Volatile Organics
Tetrachloroethylene (mobile)	ND<24.3	µg/kg		LEA	96-3111-058	Volatile Organics
Toluene (mobile)	ND<22.5	µg/kg		LEA	96-3111-058	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<390	µg/kg		LEA	96-3111-058	Volatile Organics
Trichloroethylene (mobile)	ND<37.8	µg/kg		LEA	96-3111-058	Volatile Organics

Location Identifier NK-SB-07

Sample Date 6/26/96

Sample Identifier 1015519 13:30 From 0 to 2 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<15.3	µg/kg		LEA	96-3095-042	Volatile Organics
Tetrachloroethylene (mobile)	ND<23.4	µg/kg		LEA	96-3095-042	Volatile Organics
Toluene (mobile)	ND<21.6	µg/kg		LEA	96-3095-042	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<375	µg/kg		LEA	96-3095-042	Volatile Organics
Trichloroethylene (mobile)	ND<36.3	µg/kg		LEA	96-3095-042	Volatile Organics

Sample Identifier 1015520 13:33 From 2 to 4 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<1.02	mg/kg		AEL	AEL96007048	Metals
Barium	12.6	mg/kg		AEL	AEL96007048	Metals
Cadmium	ND<3.06	mg/kg		AEL	AEL96007048	Metals
Chromium	ND<5.1	mg/kg		AEL	AEL96007048	Metals
Lead	ND<20.4	mg/kg		AEL	AEL96007048	Metals
Mercury	ND<0.204	mg/kg		AEL	AEL96007048	Metals
Nickel	ND<10.2	mg/kg		AEL	AEL96007048	Metals
Selenium	ND<1.02	mg/kg		AEL	AEL96007048	Metals
Silver	ND<5.1	mg/kg		AEL	AEL96007048	Metals
Zinc	15.7	mg/kg		AEL	AEL96007048	Metals

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Acetone	ND<27	µg/kg	AEL	AEL96007048	Volatile Organics
Acrolein	ND<13	µg/kg	AEL	AEL96007048	Volatile Organics
Acrylonitrile	ND<13	µg/kg	AEL	AEL96007048	Volatile Organics
Benzene	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Benzene (mobile)	ND<14.7	µg/kg	LEA	96-3096-043	Volatile Organics
Bromobenzene	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Bromoform	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Carbon Disulfide	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Carbon Tetrachloride	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Chlorobenzene	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Chlorodibromomethane	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Chloroethane	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Chloroform	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Chlorotoluene,o-	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Chlorotoluene,p-	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Dibromomethane	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Dichlorobenzene,1,2-	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Dichlorobenzene,1,3-	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Dichlorobenzene,1,4-	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Dichlorobromomethane	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Dichlorodifluoromethane	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Dichloroethane,1,1-	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Dichloroethane,1,2-	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Dichloroethylene,1,1-	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Dichloroethylene,1,2-cis-	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Dichloroethylene,1,2-trans-	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Dichloropropane,1,2-	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Dichloropropylene,1,3-cis-	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Dichloropropylene,1,3-trans-	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Ethylbenzene	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Hexanone,2-	ND<13	µg/kg	AEL	AEL96007048	Volatile Organics
Methyl Bromide	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Methyl Chloride	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Methyl Ethyl Ketone	ND<13	µg/kg	AEL	AEL96007048	Volatile Organics
Methyl-2-pentanone,4-	ND<13	µg/kg	AEL	AEL96007048	Volatile Organics
Methyl-tert-butyl Ether	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Methylene Chloride	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Styrene	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Tetrachloroethylene	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Tetrachloroethylene (mobile)	ND<22.5	µg/kg	LEA	96-3096-043	Volatile Organics
Toluene	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Toluene (mobile)	ND<20.8	µg/kg	LEA	96-3096-043	Volatile Organics
Trichloroethane,1,1,1-	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<361	µg/kg	LEA	96-3096-043	Volatile Organics
Trichloroethane,1,1,2-	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Trichloroethylene	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Trichloroethylene (mobile)	ND<35.0	µg/kg	LEA	96-3096-043	Volatile Organics
Trichloromonofluoromethane	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Trichloropropane,1,2,3-	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics

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Vinyl Acetate	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Vinyl Chloride	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics
Xylenes (Total)	ND<5.4	µg/kg	AEL	AEL96007048	Volatile Organics

Sample Identifier 1015521 13:35 From 4 to 6 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<18.1	µg/kg		LEA	96-3097-044	Volatile Organics
Tetrachloroethylene (mobile)	ND<27.6	µg/kg		LEA	96-3097-044	Volatile Organics
Toluene (mobile)	ND<25.6	µg/kg		LEA	96-3097-044	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<443	µg/kg		LEA	96-3097-044	Volatile Organics
Trichloroethylene (mobile)	ND<43.0	µg/kg		LEA	96-3097-044	Volatile Organics

Sample Identifier 1015522 13:41 From 6 to 8 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<1.17	mg/kg		AEL	AEL96007052	Metals
Barium	15.8	mg/kg		AEL	AEL96007052	Metals
Cadmium	ND<3.52	mg/kg		AEL	AEL96007052	Metals
Chromium	ND<5.86	mg/kg		AEL	AEL96007052	Metals
Lead	ND<23.4	mg/kg		AEL	AEL96007052	Metals
Mercury	ND<0.234	mg/kg		AEL	AEL96007052	Metals
Nickel	ND<11.7	mg/kg		AEL	AEL96007052	Metals
Selenium	ND<1.17	mg/kg		AEL	AEL96007052	Metals
Silver	ND<5.86	mg/kg		AEL	AEL96007052	Metals
Zinc	14.2	mg/kg		AEL	AEL96007052	Metals
Acetone	ND<35	µg/kg		AEL	AEL96007052	Volatile Organics
Acrolein	ND<17	µg/kg		AEL	AEL96007052	Volatile Organics
Acrylonitrile	ND<17	µg/kg		AEL	AEL96007052	Volatile Organics
Benzene	ND<7.0	µg/kg		AEL	AEL96007052	Volatile Organics
Benzene (mobile)	ND<12.4	µg/kg		LEA	96-3098-045	Volatile Organics
Bromobenzene	ND<7.0	µg/kg		AEL	AEL96007052	Volatile Organics
Bromoform	ND<7.0	µg/kg		AEL	AEL96007052	Volatile Organics
Carbon Disulfide	ND<7.0	µg/kg		AEL	AEL96007052	Volatile Organics
Carbon Tetrachloride	ND<7.0	µg/kg		AEL	AEL96007052	Volatile Organics
Chlorobenzene	ND<7.0	µg/kg		AEL	AEL96007052	Volatile Organics
Chlorodibromomethane	ND<7.0	µg/kg		AEL	AEL96007052	Volatile Organics
Chloroethane	ND<7.0	µg/kg		AEL	AEL96007052	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<7.0	µg/kg		AEL	AEL96007052	Volatile Organics
Chloroform	ND<7.0	µg/kg		AEL	AEL96007052	Volatile Organics
Chlorotoluene,o-	ND<7.0	µg/kg		AEL	AEL96007052	Volatile Organics
Chlorotoluene,p-	ND<7.0	µg/kg		AEL	AEL96007052	Volatile Organics
Dibromomethane	ND<7.0	µg/kg		AEL	AEL96007052	Volatile Organics
Dichlorobenzene,1,2-	ND<7.0	µg/kg		AEL	AEL96007052	Volatile Organics
Dichlorobenzene,1,3-	ND<7.0	µg/kg		AEL	AEL96007052	Volatile Organics
Dichlorobenzene,1,4-	ND<7.0	µg/kg		AEL	AEL96007052	Volatile Organics
Dichlorobromomethane	ND<7.0	µg/kg		AEL	AEL96007052	Volatile Organics
Dichlorodifluoromethane	ND<7.0	µg/kg		AEL	AEL96007052	Volatile Organics
Dichloroethane,1,1-	ND<7.0	µg/kg		AEL	AEL96007052	Volatile Organics
Dichloroethane,1,2-	ND<7.0	µg/kg		AEL	AEL96007052	Volatile Organics
Dichloroethylene,1,1-	ND<7.0	µg/kg		AEL	AEL96007052	Volatile Organics
Dichloroethylene,1,2-cis-	ND<7.0	µg/kg		AEL	AEL96007052	Volatile Organics
Dichloroethylene,1,2-trans-	ND<7.0	µg/kg		AEL	AEL96007052	Volatile Organics
Dichloropropane,1,2-	ND<7.0	µg/kg		AEL	AEL96007052	Volatile Organics

LEA Data Management

Location Identifier NK-SB-07

Dichloropropylene,1,3-cis-	ND<7.0	µg/kg	AEL	AEL96007052	Volatile Organics
Dichloropropylene,1,3-trans-	ND<7.0	µg/kg	AEL	AEL96007052	Volatile Organics
Ethylbenzene	ND<7.0	µg/kg	AEL	AEL96007052	Volatile Organics
Hexanone,2-	ND<17	µg/kg	AEL	AEL96007052	Volatile Organics
Methyl Bromide	ND<7.0	µg/kg	AEL	AEL96007052	Volatile Organics
Methyl Chloride	ND<7.0	µg/kg	AEL	AEL96007052	Volatile Organics
Methyl Ethyl Ketone	ND<17	µg/kg	AEL	AEL96007052	Volatile Organics
Methyl-2-pentanone,4-	ND<17	µg/kg	AEL	AEL96007052	Volatile Organics
Methyl-tert-butyl Ether	ND<7.0	µg/kg	AEL	AEL96007052	Volatile Organics
Methylene Chloride	ND<7.0	µg/kg	AEL	AEL96007052	Volatile Organics
Styrene	ND<7.0	µg/kg	AEL	AEL96007052	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<7.0	µg/kg	AEL	AEL96007052	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<7.0	µg/kg	AEL	AEL96007052	Volatile Organics
Tetrachloroethylene	ND<7.0	µg/kg	AEL	AEL96007052	Volatile Organics
Tetrachloroethylene (mobile)	ND<19.0	µg/kg	LEA	96-3098-045	Volatile Organics
Toluene	ND<7.0	µg/kg	AEL	AEL96007052	Volatile Organics
Toluene (mobile)	ND<17.6	µg/kg	LEA	96-3098-045	Volatile Organics
Trichloroethane,1,1,1-	ND<7.0	µg/kg	AEL	AEL96007052	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<305	µg/kg	LEA	96-3098-045	Volatile Organics
Trichloroethane,1,1,2-	ND<7.0	µg/kg	AEL	AEL96007052	Volatile Organics
Trichloroethylene	ND<7.0	µg/kg	AEL	AEL96007052	Volatile Organics
Trichloroethylene (mobile)	ND<29.5	µg/kg	LEA	96-3098-045	Volatile Organics
Trichloromonofluoromethane	ND<7.0	µg/kg	AEL	AEL96007052	Volatile Organics
Trichloropropane,1,2,3-	ND<7.0	µg/kg	AEL	AEL96007052	Volatile Organics
Vinyl Acetate	ND<7.0	µg/kg	AEL	AEL96007052	Volatile Organics
Vinyl Chloride	ND<7.0	µg/kg	AEL	AEL96007052	Volatile Organics
Xylenes (Total)	ND<7.0	µg/kg	AEL	AEL96007052	Volatile Organics

Sample Identifier 1015523 14:00 From 8 to 10 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<17.3	µg/kg		LEA	96-3099-046	Volatile Organics
Tetrachloroethylene (mobile)	ND<26.4	µg/kg		LEA	96-3099-046	Volatile Organics
Toluene (mobile)	ND<24.5	µg/kg		LEA	96-3099-046	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<424	µg/kg		LEA	96-3099-046	Volatile Organics
Trichloroethylene (mobile)	ND<41.1	µg/kg		LEA	96-3099-046	Volatile Organics

Sample Identifier 1015524 14:05 From 10 to 12 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<17.3	µg/kg		LEA	96-3100-047	Volatile Organics
Tetrachloroethylene (mobile)	ND<26.4	µg/kg		LEA	96-3100-047	Volatile Organics
Toluene (mobile)	ND<24.5	µg/kg		LEA	96-3100-047	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<424	µg/kg		LEA	96-3100-047	Volatile Organics
Trichloroethylene (mobile)	ND<41.1	µg/kg		LEA	96-3100-047	Volatile Organics

Sample Identifier 1015525 14:15 From 12 to 14 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<17.3	µg/kg		LEA	96-3101-048	Volatile Organics
Tetrachloroethylene (mobile)	ND<26.4	µg/kg		LEA	96-3101-048	Volatile Organics
Toluene (mobile)	ND<24.5	µg/kg		LEA	96-3101-048	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<424	µg/kg		LEA	96-3101-048	Volatile Organics
Trichloroethylene (mobile)	ND<41.1	µg/kg		LEA	96-3101-048	Volatile Organics

LEA Data Management

Location Identifier NK-SB-07

Sample Identifier	1015526	14:20	From 14 to 15			Soil Boring
Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<11.0	µg/kg		LEA	96-3102-049	Volatile Organics
Tetrachloroethylene (mobile)	ND<16.9	µg/kg		LEA	96-3102-049	Volatile Organics
Toluene (mobile)	ND<15.6	µg/kg		LEA	96-3102-049	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<271	µg/kg		LEA	96-3102-049	Volatile Organics
Trichloroethylene (mobile)	ND<26.3	µg/kg		LEA	96-3102-049	Volatile Organics

UNIT SPECIFIC TECHNICAL MEMORANDUM: M.E.R.L. DRY WELL
PRATT & WHITNEY, EAST HARTFORD, CT

AREA: North Klondike

DRAFT

SUB-AREA: M.E.R.L.

ENVIRONMENTAL UNIT: M.E.R.L. Dry Well

Location: North Klondike (Suntan Area); first road south on north access road, from Perimeter Road; to the southwest of the Storage Shed (Drawing ___).

Description: A possible dry well is present inside of a fenced area. Upon inspection, the possible dry well appeared to be an electrical junction box on a one foot by one foot by one foot high structure. This was connected to an underground conduit which reappeared at the corner of the fence. Nearby was a metal grate which was determined to be laying on the ground surface. The use of this area was not determined.

Dates of Operation: Unknown.

Processes: Unknown.

Specific Contaminants of Concern: Unknown.

Area-wide Classes of Contaminants: Volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), the RCRA 8 metals plus nickel and zinc, and total petroleum hydrocarbons (TPH).

Potential Release Mechanism: Impacts to soils and groundwater associated with infiltration of liquids placed into the potential dry well.

INVESTIGATION AND REMEDIATION ACTIVITIES:

Due to the potential for a release associated with the dry well, a subsurface investigation to determine the degree and extent of soil contamination in the reported vicinity of the dry well was performed in March 1997. Prior to 1997, no investigation of this unit had reportedly been performed.

March 1997 Investigation (LEA):

Description: On March 5, 1997, four Geoprobe® soil borings (NK-SB-268 through NK-SB-271) were advanced to a depth of 12 feet in the vicinity of the dry well. The sampling locations are shown on Figure ___. The depth of 12 feet was selected to ensure that the varved clay was encountered and that sufficient data was collected for comparisons against the direct exposure criteria in the

Connecticut Remediation Standard Regulation (RSR). Soil samples were collected from each of the borings in continuous 2-foot intervals to 12 feet.

A total of 25 soil samples were submitted to the LEA Analytical Laboratory and screened for the presence of select VOCs. Based on visual, olfactory, or instrument evidence, and with consideration of the potential release mechanism, two samples from each boring were submitted to Averill Environmental Laboratory, Inc. (AEL) and analyzed for the presence of VOCs, the RCRA 8 metals plus nickel and zinc, and TPH. In addition, one sample from each boring was submitted to AEL and analyzed for the presence of SVOCs.

Groundwater samples were collected from each boring using Geoprobe® screen-point groundwater sampling techniques. Each of the groundwater samples were collected from a depth of 5 to 7 feet below the ground surface. The groundwater samples were submitted to AEL for analysis for VOCs, SVOCs, the RCRA 8 metals plus nickel and zinc, and TPH. A summary of the samples collected and analyses performed during this investigation is included in Table 1.

Investigation Results: Based on the boring logs, groundwater was encountered at approximately 4 feet in borings NK-SB-270 and NK-SB-271, and at approximately 5.5 feet in borings NK-SB-268 and NK-SB-269. Varved clay was encountered at approximately 10 feet in borings NK-SB-269 and NK-SB-271; at approximately 10.5 feet in boring NK-SB-268; and at approximately 11.5 feet in boring NK-SB-270. No visual or olfactory evidence of contamination was noted on the boring logs. Concrete and rock fragments were noted in boring NK-SB-270 at 0 to 0.5 feet.

Concentrations of constituents detected in soil samples collected for this unit are presented in Table 2. The highest concentration of each constituent detected above background at each sampling location is shown on Figure ___. No VOCs were detected in the soil samples submitted to the LEA Analytical Laboratory or AEL. No SVOCs or TPH were detected in any of the soil samples submitted for fixed laboratory analysis. One or more of the metals analyzed were detected in each of the soil samples submitted for analysis. These metals included barium, chromium, and zinc.

Concentrations of constituents detected in groundwater samples collected for this unit are presented in Table 3. No VOCs, SVOCs, or TPH were detected in any of the groundwater samples submitted for fixed laboratory analysis. Zinc was detected in the groundwater sample analyzed by AEL from screen-point location NK-SB-268 at a concentration of 0.083 milligrams per liter (mg/l). Cadmium and zinc were detected in the groundwater sample analyzed by AEL from screen-point location NK-SB-269 at concentrations of 0.0018 and 0.106 mg/l, respectively. Barium was detected in the groundwater sample analyzed by AEL from screen-point location NK-SB-270 at a concentration of 0.053 mg/l. Zinc was detected in the groundwater sample analyzed by AEL from screen-point location NK-SB-271 at a concentration of 0.084 mg/l.

Data Evaluation and Conclusions: Based on a review of the analytical results, there is no evidence that a release has occurred, and it is believed that the area has been adequately characterized.

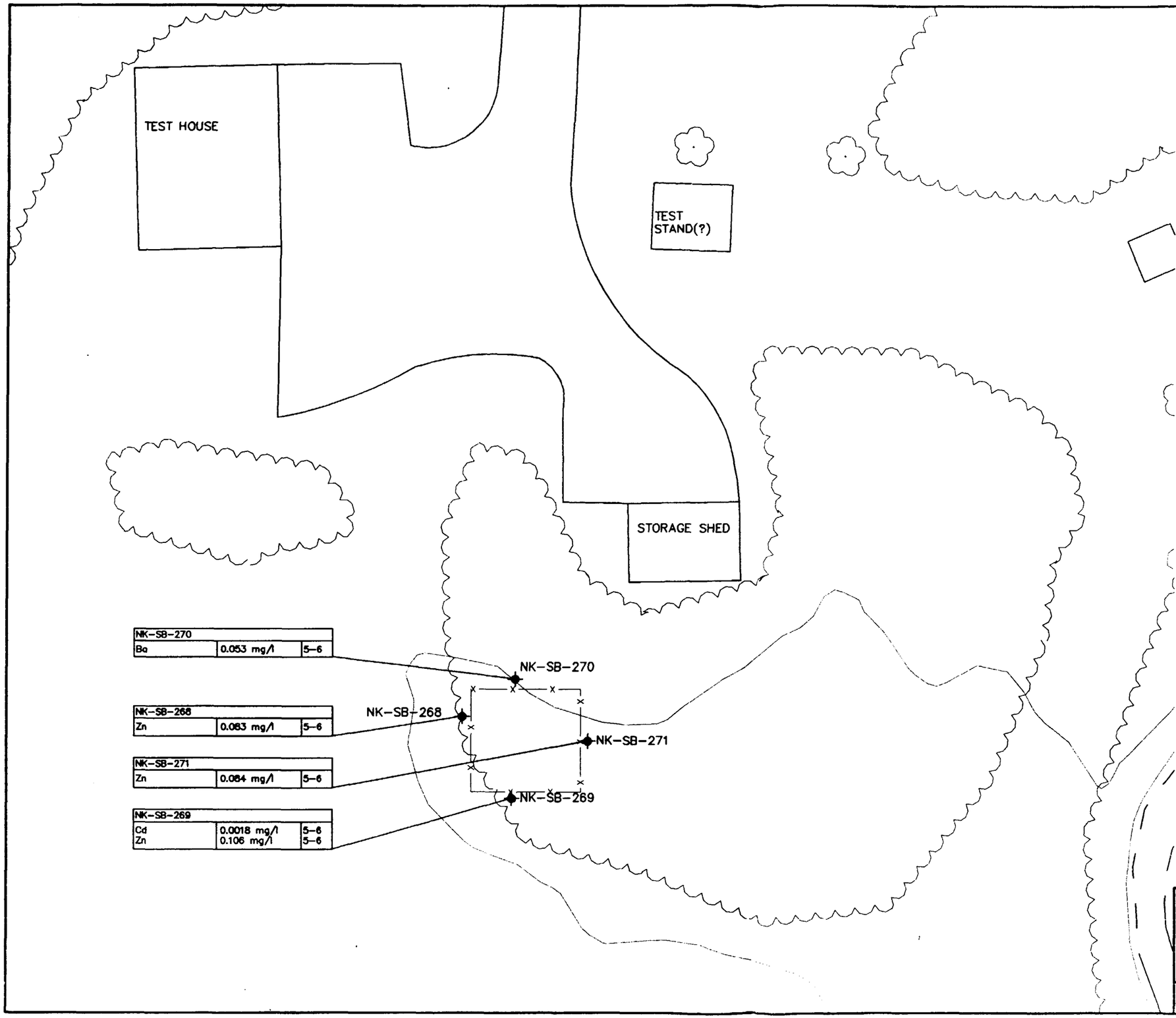
The data were compared against the default numeric criteria included in the RSR and the site-specific background soil concentrations for the North Klondike for various inorganic constituents (Fuss & O'Neill, 1994). This evaluation of the soils data is based on a comparison to the residential

and industrial/commercial direct exposure criteria (DEC), the GB pollutant mobility criteria (PMC) included in the RSR, as well as the site-specific background soil concentrations.

The concentrations of the metals detected in the soil samples are typical of "Walpole Soils" background concentrations and are not indicative of a release from this unit. For the metals detected in soil, no exceedances of the residential or industrial/commercial direct exposure criteria were noted. For the metals detected in groundwater, no exceedances of the surface water protection criteria were noted.

PROPOSED ACTIONS:

Since there is no evidence that a release occurred and the area has been adequately characterized (based on the results of the laboratory analyses of soil and groundwater samples), no further action is warranted for this unit.



NK-SB-270		
Ba	0.053 mg/l	5-6

NK-SB-268		
Zn	0.083 mg/l	5-6

NK-SB-271		
Zn	0.084 mg/l	5-6

NK-SB-269		
Cd	0.0018 mg/l	5-6
Zn	0.106 mg/l	5-6

LEGEND

- MONITORING WELL
- SOIL BORING
- MICROWELL
- VAPOR EXTRACTION WELL
- SOIL SAMPLE
- SEDIMENT/SLUDGE SURFACE WATER SAMPLE
- TEST PIT

LOCATION IDENTIFIER → CA-50

CHEMICAL NAME		DEPTH IN FEET
PCE	3900 ug/kg *	10-12
PCE	100 ug/l	10-12
As	8.25 mg/kg	10-12
As SPLP	0.010 mg/l	10-12
Ba	0.028 ug/l	10-12

HIGHEST CONCENTRATION OF CONSTITUENT DETECTED IN BORING

* Indicates analysis by mobile laboratory

NOTES:
SOIL UNITS ARE ug/kg or mg/kg
GROUNDWATER UNITS ARE ug/l or mg/l
SPLP UNITS ARE mg/l

ABBREVIATIONS

VOCs

Acetone	ACT
Benzene	BZ
Carbon disulfide	CDIS
Chlorobenzene	CBZ
Chloroform	CFM
Chloroethane	CEA
1,2-Dichlorobenzene	2DCB
1,3-Dichlorobenzene	3DCB
1,4-Dichlorobenzene	4DCB
1,1-Dichloroethane	11DCA
1,2-Dichloroethane	12DCA
1,1-Dichloroethylene	11DCE
1,2-Dichloroethylene	12DCE
Cis-1,2-Dichloroethylene	CDCE
Trans-1,2-Dichloroethylene	TDCE
Ethylbenzene	EBZ
Methyl chloride(Chloromethane)	MCM
Methylene chloride	MC
Methyl ethyl ketone	MEK
Methyl-tert-butyl ether	MTBE
Tetrachloroethylene	PCE
1,1,2,2-Tetrachloroethane	1122TTCA
Toluene	TL
1,1,1-Trichloroethane	TCA
1,1,2-Trichloroethane	112TCA
Trichloroethylene	TCE
Vinyl chloride	VC
Xylenes	XYL

SVOCs

Anthracene	ANTH
Acenaphthene	ACN
Acenaphthylene	ACNE
Benzo[a]anthracene	BA
Benzo[a]pyrene	BAP
Benzo[b]fluoranthene	BBF
Benzo[ghi]perylene	BGP
Benzo[k]fluoranthene	BKF
Bis(2ethylhexyl)phthalate	DEHP
Butyl benzyl phthalate	BBP
Chrysene	CRYS
Dibenzo[a,h]anthracene	DBA
Di-n-butyl phthalate	DBP
Flouranthene	FA
Fluorene	FLE
Indeno(1,2,3-cd)pyrene	IP
Napthalene	NAP
Phenanthrene	PHN
Pyrene	PYR

METALS

Arsenic	As	Lead	Pb
Barium	Ba	Mercury	Hg
Beryllium	Be	Nickel	Ni
Cadmium	Cd	Selenium	Se
Chromium (total)	Cr	Silver	Ag
Copper	Cu	Zinc	Zn

MISC.

Total Petroleum Hydrocarbons	TPH
Polychlorinated Biphenyl	PCB

10 0 10 20 30
SCALE IN FEET

N

AIRPORT/KLONDIKE INVESTIGATION
PRATT & WHITNEY, EAST HARTFORD, CT
M.E.R.L. AREA
M.E.R.L. DRY WELL
LOCATION & CONSTITUENTS DETECTED MAP

Comm.No.	FIG.	LEA

MERLDW 5-7-97

Table 1
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION
P&W East Hartford: M.E.R.L. Dry Well

Sample Information						Analysis Information								
Location ID	Sample ID	Sample Date	From (ft)	To (ft)	Class	Portable GC	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides	PCBs	Metals	Extraction	Miscellaneous
NK-SB-268	1027238	3/ 5/97	0	2	SB	x								
NK-SB-268	1027239	3/ 5/97	2	4	SB	x	x					X		x
NK-SB-268	1027240	3/ 5/97	4	6	SB	x								
NK-SB-268	1027281	3/ 5/97	5	6	GW		x	x				X		x
NK-SB-268	1027241	3/ 5/97	6	8	SB	x	x	x				X		x
NK-SB-268	1027242	3/ 5/97	8	10	SB	x								
NK-SB-268	1027243	3/ 5/97	10	12	SB	x								
NK-SB-269	1027244	3/ 5/97	0	2	SB	x								
NK-SB-269	1027245	3/ 5/97	2	4	SB	x	x					X		x
NK-SB-269	1027246	3/ 5/97	4	6	SB	x								
NK-SB-269	1027282	3/ 5/97	5	6	GW		x	x				X		x
NK-SB-269	1027247	3/ 5/97	6	8	SB	x	x	x				X		x
NK-SB-269	1027248	3/ 5/97	8	10	SB	x								
NK-SB-269	1027249	3/ 5/97	10	12	SB	x								
NK-SB-270	1027250	3/ 5/97	0	2	SB	x								
NK-SB-270	1027251	3/ 5/97	2	4	SB	x								
NK-SB-270	1027252	3/ 5/97	2	4	SB	x	x	x				X		x
NK-SB-270	1027253	3/ 5/97	4	6	SB	x	x					X		x
NK-SB-270	1027283	3/ 5/97	5.0	6.0	GW		x	x				X		x
NK-SB-270	1027254	3/ 5/97	6	8	SB	x								
NK-SB-270	1027255	3/ 5/97	8	10	SB	x								
NK-SB-270	1027256	3/ 5/97	10	12	SB	x								
NK-SB-271	1027257	3/ 5/97	0	2	SB	x								
NK-SB-271	1027258	3/ 5/97	2	4	SB	x								
NK-SB-271	1027259	3/ 5/97	4	6	SB	x	x	x				X		x
NK-SB-271	1027284	3/ 5/97	5	6	GW		x	x				X		x
NK-SB-271	1027260	3/ 5/97	6	8	SB	x								
NK-SB-271	1027261	3/ 5/97	8	10	SB	x	x					X		x
NK-SB-271	1027262	3/ 5/97	10	12	SB	x								

Notes: 1. Legend: X - Analysed; at least one analyte over the detection limit; x - Analysed, no analytes in group over the detection limit
2. Printed on 10/03/1997

LEA

Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOIL
P&W East Hartford: M.E.R.L. Dry Well

	Location ID	NK-SB-268	NK-SB-268	NK-SB-269	NK-SB-269	NK-SB-270	NK-SB-270	NK-SB-271
	Sample ID	1027239	1027241	1027245	1027247	1027252	1027253	1027259
	Sample Date	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997
	Sample Time	10:20	10:30	11:40	11:50	13:52	14:07	15:30
	Sample Depth	2' - 4'	6' - 8'	2' - 4'	6' - 8'	2' - 4'	4' - 6'	4' - 6'
	Laboratory	AEL	AEL	AEL	AEL	AEL	AEL	AEL
	Lab. Number	AEL97003091	AEL97003092	AEL97003093	AEL97003094	AEL97003095	AEL97003096	AEL97003097
Constituent	Units							
Date Metals Analyzed	-	03/18/1997	03/18/1997	03/18/1997	03/18/1997	03/18/1997	03/18/1997	03/18/1997
Barium	mg/kg	12.6	17.3	15.5	14	9.98	11.1	7.26
Chromium	mg/kg		7.8	5.37	6.55		5.89	
Zinc	mg/kg	9.26	17.1	16.8	20.7	8.4	12.6	9.75

Notes: 1. Only Detects Shown
2. Printed on 10/03/1997

LEA

Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOIL
P&W East Hartford: M.E.R.L. Dry Well

	Location ID	NK-SB-271						
	Sample ID	1027261						
	Sample Date	03/05/1997						
	Sample Time	15:40						
	Sample Depth	8' - 10'						
	Laboratory	AEL						
	Lab. Number	AEL97003098						
Constituent	Units							
Date Metals Analyzed	-	03/18/1997						
Barium	mg/kg	11.8						
Chromium	mg/kg							
Zinc	mg/kg	11.8						

Notes: 1. Only Detects Shown
2. Printed on 10/03/1997

LEA

Table 3
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - GROUNDWATER
P&W East Hartford: M.E.R.L. Dry Well

	Location ID	NK-SB-268	NK-SB-269	NK-SB-270	NK-SB-271			
	Sample ID	1027281	1027282	1027283	1027284			
	Sample Date	03/05/1997	03/05/1997	03/05/1997	03/05/1997			
	Sample Time	10:50	13:00	14:30	15:45			
	Sample Depth	5' - 6'	5' - 6'	5.0' - 6.0'	5' - 6'			
	Laboratory	AEL	AEL	AEL	AEL			
	Lab. Number	AEL97002692	AEL97002693	AEL97002694	AEL97002695			
Constituent	Units							
Date Metals Analyzed	-	03/26/1997	03/26/1997	03/26/1997	03/26/1997			
Barium	mg/L			0.053				
Cadmium	mg/L		0.0018					
Zinc	mg/L	0.083	0.106		0.084			

Notes: 1. Only Detects Shown
2. Printed on 10/03/1997

LEA

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: M.E.R.L. Dry Well

Location Identifier NK-SB-268

Location Identifier NK-SB-268
Sample Date 3/ 5/97
Sample Identifier 1027238 10:17 From 0 to 2 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.64	µg/kg		LEA	97-1817-317	Volatile Organics
Ethylbenzene (mobile)	ND<16.4	µg/kg		LEA	97-1817-317	Volatile Organics
Tetrachloroethylene (mobile)	ND<20.6	µg/kg		LEA	97-1817-317	Volatile Organics
Toluene (mobile)	ND<11.5	µg/kg		LEA	97-1817-317	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<207	µg/kg		LEA	97-1817-317	Volatile Organics
Trichloroethylene (mobile)	ND<20.3	µg/kg		LEA	97-1817-317	Volatile Organics
Xylene,o- (mobile)	ND<21.9	µg/kg		LEA	97-1817-317	Volatile Organics
Xylenes,m- & p- (mobile)	ND<10.8	µg/kg		LEA	97-1817-317	Volatile Organics

Sample Identifier 1027239 10:20 From 2 to 4 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<0.42	mg/kg		AEL	AEL97003091	Metals
Barium	12.6	mg/kg		AEL	AEL97003091	Metals
Cadmium	ND<3.12	mg/kg		AEL	AEL97003091	Metals
Chromium	ND<5.2	mg/kg		AEL	AEL97003091	Metals
Lead	ND<20.8	mg/kg		AEL	AEL97003091	Metals
Mercury	ND<0.08	mg/kg		AEL	AEL97003091	Metals
Nickel	ND<10.4	mg/kg		AEL	AEL97003091	Metals
Selenium	ND<1.04	mg/kg		AEL	AEL97003091	Metals
Silver	ND<5.2	mg/kg		AEL	AEL97003091	Metals
Zinc	9.26	mg/kg		AEL	AEL97003091	Metals
Total Petroleum Hydrocarbons	ND<35.4	mg/kg		AEL	AEL97003091	Physical Analysis
Acetone	ND<45	µg/kg		AEL	AEL97003091	Volatile Organics
Acrolein	ND<22	µg/kg		AEL	AEL97003091	Volatile Organics
Acrylonitrile	ND<22	µg/kg		AEL	AEL97003091	Volatile Organics
Benzene	ND<8.9	µg/kg		AEL	AEL97003091	Volatile Organics
Benzene (mobile)	ND<7.79	µg/kg		LEA	97-1818-318	Volatile Organics
Bromobenzene	ND<8.9	µg/kg		AEL	AEL97003091	Volatile Organics
Bromoform	ND<8.9	µg/kg		AEL	AEL97003091	Volatile Organics
Carbon Disulfide	ND<8.9	µg/kg		AEL	AEL97003091	Volatile Organics
Carbon Tetrachloride	ND<8.9	µg/kg		AEL	AEL97003091	Volatile Organics
Chlorobenzene	ND<8.9	µg/kg		AEL	AEL97003091	Volatile Organics
Chlorodibromomethane	ND<8.9	µg/kg		AEL	AEL97003091	Volatile Organics
Chloroethane	ND<8.9	µg/kg		AEL	AEL97003091	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<8.9	µg/kg		AEL	AEL97003091	Volatile Organics
Chloroform	ND<8.9	µg/kg		AEL	AEL97003091	Volatile Organics
Chlorotoluene,o-	ND<8.9	µg/kg		AEL	AEL97003091	Volatile Organics
Chlorotoluene,p-	ND<8.9	µg/kg		AEL	AEL97003091	Volatile Organics
Dibromomethane	ND<8.9	µg/kg		AEL	AEL97003091	Volatile Organics
Dichlorobenzene,1,2-	ND<8.9	µg/kg		AEL	AEL97003091	Volatile Organics
Dichlorobenzene,1,3-	ND<8.9	µg/kg		AEL	AEL97003091	Volatile Organics
Dichlorobenzene,1,4-	ND<8.9	µg/kg		AEL	AEL97003091	Volatile Organics
Dichlorobromomethane	ND<8.9	µg/kg		AEL	AEL97003091	Volatile Organics
Dichlorodifluoromethane	ND<8.9	µg/kg		AEL	AEL97003091	Volatile Organics
Dichloroethane,1,1-	ND<8.9	µg/kg		AEL	AEL97003091	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: M.E.R.L. Dry Well

Location Identifier NK-SB-268

Dichloroethane,1,2-	ND<8.9	µg/kg	AEL	AEL97003091	Volatile Organics
Dichloroethylene,1,1-	ND<8.9	µg/kg	AEL	AEL97003091	Volatile Organics
Dichloroethylene,1,2-cis-	ND<8.9	µg/kg	AEL	AEL97003091	Volatile Organics
Dichloroethylene,1,2-trans-	ND<8.9	µg/kg	AEL	AEL97003091	Volatile Organics
Dichloropropane,1,2-	ND<8.9	µg/kg	AEL	AEL97003091	Volatile Organics
Dichloropropylene,1,3-cis-	ND<8.9	µg/kg	AEL	AEL97003091	Volatile Organics
Dichloropropylene,1,3-trans-	ND<8.9	µg/kg	AEL	AEL97003091	Volatile Organics
Ethylbenzene	ND<8.9	µg/kg	AEL	AEL97003091	Volatile Organics
Ethylbenzene (mobile)	ND<16.8	µg/kg	LEA	97-1818-318	Volatile Organics
Hexanone,2-	ND<22	µg/kg	AEL	AEL97003091	Volatile Organics
Methyl Bromide	ND<8.9	µg/kg	AEL	AEL97003091	Volatile Organics
Methyl Chloride	ND<8.9	µg/kg	AEL	AEL97003091	Volatile Organics
Methyl Ethyl Ketone	ND<22	µg/kg	AEL	AEL97003091	Volatile Organics
Methyl-2-pentanone,4-	ND<22	µg/kg	AEL	AEL97003091	Volatile Organics
Methyl-tert-butyl Ether	ND<8.9	µg/kg	AEL	AEL97003091	Volatile Organics
Methylene Chloride	ND<8.9	µg/kg	AEL	AEL97003091	Volatile Organics
Styrene	ND<8.9	µg/kg	AEL	AEL97003091	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<8.9	µg/kg	AEL	AEL97003091	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<8.9	µg/kg	AEL	AEL97003091	Volatile Organics
Tetrachloroethylene	ND<8.9	µg/kg	AEL	AEL97003091	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.0	µg/kg	LEA	97-1818-318	Volatile Organics
Toluene	ND<8.9	µg/kg	AEL	AEL97003091	Volatile Organics
Toluene (mobile)	ND<11.8	µg/kg	LEA	97-1818-318	Volatile Organics
Trichloroethane,1,1,1-	ND<8.9	µg/kg	AEL	AEL97003091	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<211	µg/kg	LEA	97-1818-318	Volatile Organics
Trichloroethane,1,1,2-	ND<8.9	µg/kg	AEL	AEL97003091	Volatile Organics
Trichloroethylene	ND<8.9	µg/kg	AEL	AEL97003091	Volatile Organics
Trichloroethylene (mobile)	ND<20.7	µg/kg	LEA	97-1818-318	Volatile Organics
Trichloromonofluoromethane	ND<8.9	µg/kg	AEL	AEL97003091	Volatile Organics
Trichloropropane,1,2,3-	ND<8.9	µg/kg	AEL	AEL97003091	Volatile Organics
Vinyl Acetate	ND<8.9	µg/kg	AEL	AEL97003091	Volatile Organics
Vinyl Chloride	ND<8.9	µg/kg	AEL	AEL97003091	Volatile Organics
Xylene,o- (mobile)	ND<22.4	µg/kg	LEA	97-1818-318	Volatile Organics
Xylenes (Total)	ND<8.9	µg/kg	AEL	AEL97003091	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.0	µg/kg	LEA	97-1818-318	Volatile Organics

Sample Identifier 1027240 10:27 From 4 to 6 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<8.11	µg/kg		LEA	97-1819-319	Volatile Organics
Ethylbenzene (mobile)	ND<17.4	µg/kg		LEA	97-1819-319	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.9	µg/kg		LEA	97-1819-319	Volatile Organics
Toluene (mobile)	ND<12.2	µg/kg		LEA	97-1819-319	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<219	µg/kg		LEA	97-1819-319	Volatile Organics
Trichloroethylene (mobile)	ND<21.6	µg/kg		LEA	97-1819-319	Volatile Organics
Xylene,o- (mobile)	ND<23.3	µg/kg		LEA	97-1819-319	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.5	µg/kg		LEA	97-1819-319	Volatile Organics

Sample Identifier 1027241 10:30 From 6 to 8 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: M.E.R.L. Dry Well

Location Identifier NK-SB-268

Arsenic	ND<0.46	mg/kg	AEL	AEL97003092	Metals
Barium	17.3	mg/kg	AEL	AEL97003092	Metals
Cadmium	ND<3.44	mg/kg	AEL	AEL97003092	Metals
Chromium	7.8	mg/kg	AEL	AEL97003092	Metals
Lead	ND<22.9	mg/kg	AEL	AEL97003092	Metals
Mercury	ND<0.09	mg/kg	AEL	AEL97003092	Metals
Nickel	ND<11.5	mg/kg	AEL	AEL97003092	Metals
Selenium	ND<1.15	mg/kg	AEL	AEL97003092	Metals
Silver	ND<5.74	mg/kg	AEL	AEL97003092	Metals
Zinc	17.1	mg/kg	AEL	AEL97003092	Metals
Total Petroleum Hydrocarbons	ND<39.5	mg/kg	AEL	AEL97003092	Physical Analysis
Acenaphthene	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Acenaphthylene	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Anthracene	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Benzidine	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Benzo[a]anthracene	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Benzo[a]pyrene	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Benzo[b]fluoranthene	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Benzo[ghi]perylene	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Benzo[k]fluoranthene	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Bis(2-chloroethoxy)methane	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Bis(2-chloroethyl) Ether	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Bis(2-ethylhexyl)phthalate	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Bromophenyl Phenyl Ether,4-	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Butyl Benzyl Phthalate	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Chloronaphthalene,2-	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Chlorophenol,2-	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Chlorophenyl Phenyl Ether,4-	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Chlorotoluene,p-	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Chrysene	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Di-n-butyl Phthalate	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Di-n-octyl Phthalate	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Dibenzo[a,h]anthracene	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Dichlorobenzene,1,2-	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Dichlorobenzene,1,3-	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Dichlorobenzene,1,4-	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Dichlorobenzidine,3,3'-	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Dichlorophenol,2,4-	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Diethyl Phthalate	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Dimethyl Phthalate	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Dimethylphenol,2,4-	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Dinitro-o-cresol,4,6-	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Dinitrophenol,2,4-	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Dinitrotoluene,2,4-	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Dinitrotoluene,2,6-	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Diphenylhydrazine,1,2-	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Fluoranthene	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Fluorene	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Hexachlorobenzene	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: M.E.R.L. Dry Well

Location Identifier NK-SB-268

Hexachlorobutadiene	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Hexachlorocyclopentadiene	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Hexachloroethane	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Indeno(1,2,3-cd)pyrene	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Isophorone	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
N-nitroso-n-propylamine	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
N-nitrosodimethylamine	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
N-nitrosodiphenylamine	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Naphthalene	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Nitrobenzene	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Nitrophenol,2-	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Nitrophenol,4-	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Pentachlorophenol	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Phenanthrene	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Phenol	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Propane),2,2'-oxybis(2-chloro-	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Pyrene	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Trichlorobenzene,1,2,4-	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Trichlorophenol,2,4,6-	ND<390	µg/kg	AEL	AEL97003092	Semi-volatile Organics
Acetone	ND<28	µg/kg	AEL	AEL97003092	Volatile Organics
Acrolein	ND<14	µg/kg	AEL	AEL97003092	Volatile Organics
Acrylonitrile	ND<14	µg/kg	AEL	AEL97003092	Volatile Organics
Benzene	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Benzene (mobile)	ND<7.79	µg/kg	LEA	97-1820-320	Volatile Organics
Bromobenzene	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Bromoform	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Carbon Disulfide	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Carbon Tetrachloride	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Chlorobenzene	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Chlorodibromomethane	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Chloroethane	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Chloroform	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Chlorotoluene,o-	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Chlorotoluene,p-	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Dibromomethane	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Dichlorobenzene,1,2-	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Dichlorobenzene,1,3-	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Dichlorobenzene,1,4-	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Dichlorobromomethane	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Dichlorodifluoromethane	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Dichloroethane,1,1-	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Dichloroethane,1,2-	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Dichloroethylene,1,1-	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Dichloroethylene,1,2-cis-	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Dichloroethylene,1,2-trans-	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Dichloropropane,1,2-	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Dichloropropylene,1,3-cis-	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Dichloropropylene,1,3-trans-	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: M.E.R.L. Dry Well

Location Identifier NK-SB-268

Ethylbenzene	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Ethylbenzene (mobile)	ND<16.8	µg/kg	LEA	97-1820-320	Volatile Organics
Hexanone,2-	ND<14	µg/kg	AEL	AEL97003092	Volatile Organics
Methyl Bromide	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Methyl Chloride	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Methyl Ethyl Ketone	ND<14	µg/kg	AEL	AEL97003092	Volatile Organics
Methyl-2-pentanone,4-	ND<14	µg/kg	AEL	AEL97003092	Volatile Organics
Methyl-tert-butyl Ether	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Methylene Chloride	ND<17	µg/kg	AEL	AEL97003092	Volatile Organics
Styrene	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Tetrachloroethylene	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.0	µg/kg	LEA	97-1820-320	Volatile Organics
Toluene	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Toluene (mobile)	ND<11.8	µg/kg	LEA	97-1820-320	Volatile Organics
Trichloroethane,1,1,1-	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<211	µg/kg	LEA	97-1820-320	Volatile Organics
Trichloroethane,1,1,2-	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Trichloroethylene	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Trichloroethylene (mobile)	ND<20.7	µg/kg	LEA	97-1820-320	Volatile Organics
Trichloromonofluoromethane	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Trichloropropane,1,2,3-	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Vinyl Acetate	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Vinyl Chloride	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Xylene,o- (mobile)	ND<22.4	µg/kg	LEA	97-1820-320	Volatile Organics
Xylenes (Total)	ND<5.6	µg/kg	AEL	AEL97003092	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.0	µg/kg	LEA	97-1820-320	Volatile Organics

Sample Identifier 1027242 10:40 From 8 to 10 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.95	µg/kg		LEA	97-1821-321	Volatile Organics
Ethylbenzene (mobile)	ND<17.1	µg/kg		LEA	97-1821-321	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.5	µg/kg		LEA	97-1821-321	Volatile Organics
Toluene (mobile)	ND<12.0	µg/kg		LEA	97-1821-321	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<215	µg/kg		LEA	97-1821-321	Volatile Organics
Trichloroethylene (mobile)	ND<21.2	µg/kg		LEA	97-1821-321	Volatile Organics
Xylene,o- (mobile)	ND<22.8	µg/kg		LEA	97-1821-321	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.3	µg/kg		LEA	97-1821-321	Volatile Organics

Sample Identifier 1027243 10:42 From 10 to 12 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.79	µg/kg		LEA	97-1822-322	Volatile Organics
Ethylbenzene (mobile)	ND<16.8	µg/kg		LEA	97-1822-322	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.0	µg/kg		LEA	97-1822-322	Volatile Organics
Toluene (mobile)	ND<11.8	µg/kg		LEA	97-1822-322	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<211	µg/kg		LEA	97-1822-322	Volatile Organics
Trichloroethylene (mobile)	ND<20.7	µg/kg		LEA	97-1822-322	Volatile Organics
Xylene,o- (mobile)	ND<22.4	µg/kg		LEA	97-1822-322	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: M.E.R.L. Dry Well

Location Identifier NK-SB-268

Xylenes,m- & p- (mobile)	ND<11.0	µg/kg	LEA	97-1822-322	Volatile Organics

Sample Identifier 1027281 10:50 From 5 to 6 Ground Water

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<0.004	mg/L		AEL	AEL97002692	Metals
Barium	ND<0.050	mg/L		AEL	AEL97002692	Metals
Cadmium	ND<0.0010	mg/L		AEL	AEL97002692	Metals
Chromium	ND<0.050	mg/L		AEL	AEL97002692	Metals
Lead	ND<0.0050	mg/L		AEL	AEL97002692	Metals
Mercury	ND<0.0004	mg/L		AEL	AEL97002692	Metals
Nickel	ND<0.10	mg/L		AEL	AEL97002692	Metals
Selenium	ND<0.010	mg/L		AEL	AEL97002692	Metals
Silver	ND<0.027	mg/L		AEL	AEL97002692	Metals
Zinc	0.083	mg/L		AEL	AEL97002692	Metals
Total Petroleum Hydrocarbons	ND<0.5	mg/L		AEL	AEL97002692	Physical Analysis
Acenaphthene	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Acenaphthylene	ND<1.6	µg/L	MDL	AEL	AEL97002692	Semi-volatile Organics
Anthracene	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Benzidine	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Benzo[a]anthracene	ND<0.82	µg/L	MDL	AEL	AEL97002692	Semi-volatile Organics
Benzo[a]pyrene	ND<0.37	µg/L	MDL	AEL	AEL97002692	Semi-volatile Organics
Benzo[b]fluoranthene	ND<0.51	µg/L	MDL	AEL	AEL97002692	Semi-volatile Organics
Benzo[ghi]perylene	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Benzo[k]fluoranthene	ND<0.60	µg/L	MDL	AEL	AEL97002692	Semi-volatile Organics
Bis(2-chloroethoxy)methane	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Bis(2-chloroethyl) Ether	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Bis(2-ethylhexyl)phthalate	ND<4.3	µg/L	U	AEL	AEL97002692	Semi-volatile Organics
Bromophenyl Phenyl Ether,4-	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Butyl Benzyl Phthalate	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Chloronaphthalene,2-	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Chlorophenol,2-	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Chlorophenyl Phenyl Ether,4-	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Chlorotoluene,p-	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Chrysene	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Di-n-butyl Phthalate	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Di-n-octyl Phthalate	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Dibenzo[a,h]anthracene	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Dichlorobenzene,1,2-	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Dichlorobenzene,1,3-	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Dichlorobenzene,1,4-	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Dichlorobenzidine,3,3'-	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Dichlorophenol,2,4-	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Diethyl Phthalate	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Dimethyl Phthalate	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Dimethylphenol,2,4-	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Dinitro-o-cresol,4,6-	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Dinitrophenol,2,4-	ND<10	µg/L	UJ1	AEL	AEL97002692	Semi-volatile Organics
Dinitrotoluene,2,4-	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Dinitrotoluene,2,6-	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: M.E.R.L. Dry Well

Location Identifier NK-SB-268

Diphenylhydrazine,1,2-	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Fluoranthene	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Fluorene	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Hexachlorobenzene	ND<1.2	µg/L	MDL	AEL	AEL97002692	Semi-volatile Organics
Hexachlorobutadiene	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Hexachlorocyclopentadiene	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Hexachloroethane	ND<1.2	µg/L	MDL	AEL	AEL97002692	Semi-volatile Organics
Indeno(1,2,3-cd)pyrene	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Isophorone	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
N-nitroso-n-propylamine	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
N-nitrosodimethylamine	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
N-nitrosodiphenylamine	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Naphthalene	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Nitrobenzene	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Nitrophenol,2-	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Nitrophenol,4-	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Pentachlorophenol	ND<0.63	µg/L	MDL	AEL	AEL97002692	Semi-volatile Organics
Phenanthrene	ND<1.1	µg/L	MDL	AEL	AEL97002692	Semi-volatile Organics
Phenol	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Propane),2,2'-oxybis(2-chloro-	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Pyrene	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Trichlorobenzene,1,2,4-	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Trichlorophenol,2,4,6-	ND<10	µg/L		AEL	AEL97002692	Semi-volatile Organics
Acetone	ND<4.0	µg/L		AEL	AEL97002692	Volatile Organics
Acrolein	ND<15	µg/L		AEL	AEL97002692	Volatile Organics
Acrylonitrile	ND<0.65	µg/L		AEL	AEL97002692	Volatile Organics
Benzene	ND<1.0	µg/L		AEL	AEL97002692	Volatile Organics
Bromobenzene	ND<1.0	µg/L		AEL	AEL97002692	Volatile Organics
Bromoform	ND<1.0	µg/L		AEL	AEL97002692	Volatile Organics
Carbon Disulfide	ND<1.0	µg/L		AEL	AEL97002692	Volatile Organics
Carbon Tetrachloride	ND<1.0	µg/L		AEL	AEL97002692	Volatile Organics
Chlorobenzene	ND<1.0	µg/L		AEL	AEL97002692	Volatile Organics
Chlorodibromomethane	ND<0.50	µg/L		AEL	AEL97002692	Volatile Organics
Chloroethane	ND<1.0	µg/L		AEL	AEL97002692	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<1.0	µg/L		AEL	AEL97002692	Volatile Organics
Chloroform	ND<1.0	µg/L		AEL	AEL97002692	Volatile Organics
Chlorotoluene,o-	ND<1.0	µg/L		AEL	AEL97002692	Volatile Organics
Chlorotoluene,p-	ND<1.0	µg/L		AEL	AEL97002692	Volatile Organics
Dibromomethane	ND<1.0	µg/L		AEL	AEL97002692	Volatile Organics
Dichlorobenzene,1,2-	ND<1.0	µg/L		AEL	AEL97002692	Volatile Organics
Dichlorobenzene,1,3-	ND<1.0	µg/L		AEL	AEL97002692	Volatile Organics
Dichlorobenzene,1,4-	ND<1.0	µg/L		AEL	AEL97002692	Volatile Organics
Dichlorobromomethane	ND<1.0	µg/L		AEL	AEL97002692	Volatile Organics
Dichlorodifluoromethane	ND<1.0	µg/L		AEL	AEL97002692	Volatile Organics
Dichloroethane,1,1-	ND<1.0	µg/L		AEL	AEL97002692	Volatile Organics
Dichloroethane,1,2-	ND<1.0	µg/L		AEL	AEL97002692	Volatile Organics
Dichloroethylene,1,1-	ND<1.0	µg/L		AEL	AEL97002692	Volatile Organics
Dichloroethylene,1,2-cis-	ND<1.0	µg/L		AEL	AEL97002692	Volatile Organics
Dichloroethylene,1,2-trans-	ND<1.0	µg/L		AEL	AEL97002692	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: M.E.R.L. Dry Well

Location Identifier NK-SB-268

Dichloropropane,1,2-	ND<1.0	µg/L	AEL	AEL97002692	Volatile Organics
Dichloropropylene,1,3-cis-	ND<0.50	µg/L	AEL	AEL97002692	Volatile Organics
Dichloropropylene,1,3-trans-	ND<0.50	µg/L	AEL	AEL97002692	Volatile Organics
Ethylbenzene	ND<1.0	µg/L	AEL	AEL97002692	Volatile Organics
Hexanone,2-	ND<2.0	µg/L	AEL	AEL97002692	Volatile Organics
Methyl Bromide	ND<1.0	µg/L	AEL	AEL97002692	Volatile Organics
Methyl Chloride	ND<1.0	µg/L	AEL	AEL97002692	Volatile Organics
Methyl Ethyl Ketone	ND<2.0	µg/L	AEL	AEL97002692	Volatile Organics
Methyl-2-pentanone,4-	ND<2.0	µg/L	AEL	AEL97002692	Volatile Organics
Methyl-tert-butyl Ether	ND<1.0	µg/L	AEL	AEL97002692	Volatile Organics
Methylene Chloride	ND<2.0	µg/L	AEL	AEL97002692	Volatile Organics
Styrene	ND<1.0	µg/L	AEL	AEL97002692	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<1.0	µg/L	AEL	AEL97002692	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<0.50	µg/L	AEL	AEL97002692	Volatile Organics
Tetrachloroethylene	ND<1.0	µg/L	AEL	AEL97002692	Volatile Organics
Toluene	ND<1.0	µg/L	AEL	AEL97002692	Volatile Organics
Trichloroethane,1,1,1-	ND<1.0	µg/L	AEL	AEL97002692	Volatile Organics
Trichloroethane,1,1,2-	ND<1.0	µg/L	AEL	AEL97002692	Volatile Organics
Trichloroethylene	ND<1.0	µg/L	AEL	AEL97002692	Volatile Organics
Trichloromonofluoromethane	ND<1.0	µg/L	AEL	AEL97002692	Volatile Organics
Trichloropropane,1,2,3-	ND<1.0	µg/L	AEL	AEL97002692	Volatile Organics
Vinyl Acetate	ND<2.0	µg/L	AEL	AEL97002692	Volatile Organics
Vinyl Chloride	ND<1.0	µg/L	AEL	AEL97002692	Volatile Organics
Xylenes (Total)	ND<1.0	µg/L	AEL	AEL97002692	Volatile Organics

Location Identifier NK-SB-269
Sample Date 3/ 5/97
Sample Identifier 1027244 11:35 From 0 to 2 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.79	µg/kg		LEA	97-1823-323	Volatile Organics
Ethylbenzene (mobile)	ND<16.8	µg/kg		LEA	97-1823-323	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.0	µg/kg		LEA	97-1823-323	Volatile Organics
Toluene (mobile)	ND<11.8	µg/kg		LEA	97-1823-323	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<211	µg/kg		LEA	97-1823-323	Volatile Organics
Trichloroethylene (mobile)	ND<20.7	µg/kg		LEA	97-1823-323	Volatile Organics
Xylene,o- (mobile)	ND<22.4	µg/kg		LEA	97-1823-323	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.0	µg/kg		LEA	97-1823-323	Volatile Organics

Sample Identifier 1027245 11:40 From 2 to 4 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<0.41	mg/kg		AEL	AEL97003093	Metals
Barium	15.5	mg/kg		AEL	AEL97003093	Metals
Cadmium	ND<3.1	mg/kg		AEL	AEL97003093	Metals
Chromium	5.37	mg/kg		AEL	AEL97003093	Metals
Lead	ND<20.6	mg/kg		AEL	AEL97003093	Metals
Mercury	ND<0.08	mg/kg		AEL	AEL97003093	Metals
Nickel	ND<10.3	mg/kg		AEL	AEL97003093	Metals

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: M.E.R.L. Dry Well

Location Identifier NK-SB-269

Selenium	ND<1.03	mg/kg	AEL	AEL97003093	Metals
Silver	ND<5.16	mg/kg	AEL	AEL97003093	Metals
Zinc	16.8	mg/kg	AEL	AEL97003093	Metals
Total Petroleum Hydrocarbons	ND<34.7	mg/kg	AEL	AEL97003093	Physical Analysis
Acetone	ND<36	µg/kg	AEL	AEL97003093	Volatile Organics
Acrolein	ND<18	µg/kg	AEL	AEL97003093	Volatile Organics
Acrylonitrile	ND<18	µg/kg	AEL	AEL97003093	Volatile Organics
Benzene	ND<7.2	µg/kg	AEL	AEL97003093	Volatile Organics
Benzene (mobile)	ND<7.79	µg/kg	LEA	97-1824-324	Volatile Organics
Bromobenzene	ND<7.2	µg/kg	AEL	AEL97003093	Volatile Organics
Bromoform	ND<7.2	µg/kg	AEL	AEL97003093	Volatile Organics
Carbon Disulfide	ND<7.2	µg/kg	AEL	AEL97003093	Volatile Organics
Carbon Tetrachloride	ND<7.2	µg/kg	AEL	AEL97003093	Volatile Organics
Chlorobenzene	ND<7.2	µg/kg	AEL	AEL97003093	Volatile Organics
Chlorodibromomethane	ND<7.2	µg/kg	AEL	AEL97003093	Volatile Organics
Chloroethane	ND<7.2	µg/kg	AEL	AEL97003093	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<7.2	µg/kg	AEL	AEL97003093	Volatile Organics
Chloroform	ND<7.2	µg/kg	AEL	AEL97003093	Volatile Organics
Chlorotoluene,o-	ND<7.2	µg/kg	AEL	AEL97003093	Volatile Organics
Chlorotoluene,p-	ND<7.2	µg/kg	AEL	AEL97003093	Volatile Organics
Dibromomethane	ND<7.2	µg/kg	AEL	AEL97003093	Volatile Organics
Dichlorobenzene,1,2-	ND<7.2	µg/kg	AEL	AEL97003093	Volatile Organics
Dichlorobenzene,1,3-	ND<7.2	µg/kg	AEL	AEL97003093	Volatile Organics
Dichlorobenzene,1,4-	ND<7.2	µg/kg	AEL	AEL97003093	Volatile Organics
Dichlorobromomethane	ND<7.2	µg/kg	AEL	AEL97003093	Volatile Organics
Dichlorodifluoromethane	ND<7.2	µg/kg	AEL	AEL97003093	Volatile Organics
Dichloroethane,1,1-	ND<7.2	µg/kg	AEL	AEL97003093	Volatile Organics
Dichloroethane,1,2-	ND<7.2	µg/kg	AEL	AEL97003093	Volatile Organics
Dichloroethylene,1,1-	ND<7.2	µg/kg	AEL	AEL97003093	Volatile Organics
Dichloroethylene,1,2-cis-	ND<7.2	µg/kg	AEL	AEL97003093	Volatile Organics
Dichloroethylene,1,2-trans-	ND<7.2	µg/kg	AEL	AEL97003093	Volatile Organics
Dichloropropane,1,2-	ND<7.2	µg/kg	AEL	AEL97003093	Volatile Organics
Dichloropropylene,1,3-cis-	ND<7.2	µg/kg	AEL	AEL97003093	Volatile Organics
Dichloropropylene,1,3-trans-	ND<7.2	µg/kg	AEL	AEL97003093	Volatile Organics
Ethylbenzene	ND<7.2	µg/kg	AEL	AEL97003093	Volatile Organics
Ethylbenzene (mobile)	ND<16.8	µg/kg	LEA	97-1824-324	Volatile Organics
Hexanone,2-	ND<18	µg/kg	AEL	AEL97003093	Volatile Organics
Methyl Bromide	ND<7.2	µg/kg	AEL	AEL97003093	Volatile Organics
Methyl Chloride	ND<7.2	µg/kg	AEL	AEL97003093	Volatile Organics
Methyl Ethyl Ketone	ND<18	µg/kg	AEL	AEL97003093	Volatile Organics
Methyl-2-pentanone,4-	ND<18	µg/kg	AEL	AEL97003093	Volatile Organics
Methyl-tert-butyl Ether	ND<7.2	µg/kg	AEL	AEL97003093	Volatile Organics
Methylene Chloride	ND<20	µg/kg	AEL	AEL97003093	Volatile Organics
Styrene	ND<7.2	µg/kg	AEL	AEL97003093	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<7.2	µg/kg	AEL	AEL97003093	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<7.2	µg/kg	AEL	AEL97003093	Volatile Organics
Tetrachloroethylene	ND<7.2	µg/kg	AEL	AEL97003093	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.0	µg/kg	LEA	97-1824-324	Volatile Organics
Toluene	ND<7.2	µg/kg	AEL	AEL97003093	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: M.E.R.L. Dry Well

Location Identifier NK-SB-269

Toluene (mobile)	ND<11.8	µg/kg		LEA	97-1824-324	Volatile Organics
Trichloroethane,1,1,1-	ND<7.2	µg/kg		AEL	AEL97003093	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<211	µg/kg		LEA	97-1824-324	Volatile Organics
Trichloroethane,1,1,2-	ND<7.2	µg/kg		AEL	AEL97003093	Volatile Organics
Trichloroethylene	ND<7.2	µg/kg		AEL	AEL97003093	Volatile Organics
Trichloroethylene (mobile)	ND<20.7	µg/kg		LEA	97-1824-324	Volatile Organics
Trichloromonofluoromethane	ND<7.2	µg/kg		AEL	AEL97003093	Volatile Organics
Trichloropropane,1,2,3-	ND<7.2	µg/kg		AEL	AEL97003093	Volatile Organics
Vinyl Acetate	ND<7.2	µg/kg		AEL	AEL97003093	Volatile Organics
Vinyl Chloride	ND<7.2	µg/kg		AEL	AEL97003093	Volatile Organics
Xylene,o- (mobile)	ND<22.4	µg/kg		LEA	97-1824-324	Volatile Organics
Xylenes (Total)	ND<7.2	µg/kg		AEL	AEL97003093	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.0	µg/kg		LEA	97-1824-324	Volatile Organics

Sample Identifier 1027246 11:47 From 4 to 6 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.79	µg/kg		LEA	97-1825-325	Volatile Organics
Ethylbenzene (mobile)	ND<16.8	µg/kg		LEA	97-1825-325	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.0	µg/kg		LEA	97-1825-325	Volatile Organics
Toluene (mobile)	ND<11.8	µg/kg		LEA	97-1825-325	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<211	µg/kg		LEA	97-1825-325	Volatile Organics
Trichloroethylene (mobile)	ND<20.7	µg/kg		LEA	97-1825-325	Volatile Organics
Xylene,o- (mobile)	ND<22.4	µg/kg		LEA	97-1825-325	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.0	µg/kg		LEA	97-1825-325	Volatile Organics

Sample Identifier 1027247 11:50 From 6 to 8 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<0.5	mg/kg		AEL	AEL97003094	Metals
Barium	14	mg/kg		AEL	AEL97003094	Metals
Cadmium	ND<3.51	mg/kg		AEL	AEL97003094	Metals
Chromium	6.55	mg/kg		AEL	AEL97003094	Metals
Lead	ND<23.4	mg/kg		AEL	AEL97003094	Metals
Mercury	ND<0.09	mg/kg		AEL	AEL97003094	Metals
Nickel	ND<11.7	mg/kg		AEL	AEL97003094	Metals
Selenium	ND<1.17	mg/kg		AEL	AEL97003094	Metals
Silver	ND<5.85	mg/kg		AEL	AEL97003094	Metals
Zinc	20.7	mg/kg		AEL	AEL97003094	Metals
Total Petroleum Hydrocarbons	ND<38.8	mg/kg		AEL	AEL97003094	Physical Analysis
Acenaphthene	ND<390	µg/kg		AEL	AEL97003094	Semi-volatile Organics
Acenaphthylene	ND<390	µg/kg		AEL	AEL97003094	Semi-volatile Organics
Anthracene	ND<390	µg/kg		AEL	AEL97003094	Semi-volatile Organics
Benzidine	ND<390	µg/kg		AEL	AEL97003094	Semi-volatile Organics
Benzo[a]anthracene	ND<390	µg/kg		AEL	AEL97003094	Semi-volatile Organics
Benzo[a]pyrene	ND<390	µg/kg		AEL	AEL97003094	Semi-volatile Organics
Benzo[b]fluoranthene	ND<390	µg/kg		AEL	AEL97003094	Semi-volatile Organics
Benzo[ghi]perylene	ND<390	µg/kg		AEL	AEL97003094	Semi-volatile Organics
Benzo[k]fluoranthene	ND<390	µg/kg		AEL	AEL97003094	Semi-volatile Organics
Bis(2-chloroethoxy)methane	ND<390	µg/kg		AEL	AEL97003094	Semi-volatile Organics
Bis(2-chloroethyl) Ether	ND<390	µg/kg		AEL	AEL97003094	Semi-volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: M.E.R.L. Dry Well

Location Identifier NK-SB-269

Bis(2-ethylhexyl)phthalate	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Bromophenyl Phenyl Ether,4-	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Butyl Benzyl Phthalate	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Chloronaphthalene,2-	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Chlorophenol,2-	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Chlorophenyl Phenyl Ether,4-	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Chlorotoluene,p-	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Chrysene	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Di-n-butyl Phthalate	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Di-n-octyl Phthalate	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Dibenzo[a,h]anthracene	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Dichlorobenzene,1,2-	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Dichlorobenzene,1,3-	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Dichlorobenzene,1,4-	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Dichlorobenzidine,3,3'-	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Dichlorophenol,2,4-	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Diethyl Phthalate	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Dimethyl Phthalate	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Dimethylphenol,2,4-	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Dinitro-o-cresol,4,6-	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Dinitrophenol,2,4-	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Dinitrotoluene,2,4-	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Dinitrotoluene,2,6-	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Diphenylhydrazine,1,2-	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Fluoranthene	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Fluorene	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Hexachlorobenzene	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Hexachlorobutadiene	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Hexachlorocyclopentadiene	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Hexachloroethane	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Indeno(1,2,3-cd)pyrene	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Isophorone	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
N-nitroso-n-propylamine	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
N-nitrosodimethylamine	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
N-nitrosodiphenylamine	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Naphthalene	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Nitrobenzene	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Nitrophenol,2-	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Nitrophenol,4-	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Pentachlorophenol	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Phenanthrene	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Phenol	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Propane),2,2'-oxybis(2-chloro-	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Pyrene	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Trichlorobenzene,1,2,4-	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Trichlorophenol,2,4,6-	ND<390	µg/kg	AEL	AEL97003094	Semi-volatile Organics
Acetone	ND<29	µg/kg	AEL	AEL97003094	Volatile Organics
Acrolein	ND<14	µg/kg	AEL	AEL97003094	Volatile Organics
Acrylonitrile	ND<14	µg/kg	AEL	AEL97003094	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: M.E.R.L. Dry Well

Location Identifier NK-SB-269

Benzene	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Benzene (mobile)	ND<7.95	µg/kg	LEA	97-1826-326	Volatile Organics
Bromobenzene	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Bromoform	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Carbon Disulfide	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Carbon Tetrachloride	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Chlorobenzene	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Chlorodibromomethane	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Chloroethane	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Chloroform	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Chlorotoluene,o-	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Chlorotoluene,p-	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Dibromomethane	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Dichlorobenzene,1,2-	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Dichlorobenzene,1,3-	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Dichlorobenzene,1,4-	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Dichlorobromomethane	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Dichlorodifluoromethane	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Dichloroethane,1,1-	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Dichloroethane,1,2-	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Dichloroethylene,1,1-	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Dichloroethylene,1,2-cis-	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Dichloroethylene,1,2-trans-	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Dichloropropane,1,2-	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Dichloropropylene,1,3-cis-	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Dichloropropylene,1,3-trans-	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Ethylbenzene	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Ethylbenzene (mobile)	ND<17.1	µg/kg	LEA	97-1826-326	Volatile Organics
Hexanone,2-	ND<14	µg/kg	AEL	AEL97003094	Volatile Organics
Methyl Bromide	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Methyl Chloride	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Methyl Ethyl Ketone	ND<14	µg/kg	AEL	AEL97003094	Volatile Organics
Methyl-2-pentanone,4-	ND<14	µg/kg	AEL	AEL97003094	Volatile Organics
Methyl-tert-butyl Ether	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Methylene Chloride	ND<16	µg/kg	AEL	AEL97003094	Volatile Organics
Styrene	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Tetrachloroethylene	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.5	µg/kg	LEA	97-1826-326	Volatile Organics
Toluene	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Toluene (mobile)	ND<12.0	µg/kg	LEA	97-1826-326	Volatile Organics
Trichloroethane,1,1,1-	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<215	µg/kg	LEA	97-1826-326	Volatile Organics
Trichloroethane,1,1,2-	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Trichloroethylene	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics
Trichloroethylene (mobile)	ND<21.2	µg/kg	LEA	97-1826-326	Volatile Organics
Trichloromonofluoromethane	ND<5.8	µg/kg	AEL	AEL97003094	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: M.E.R.L. Dry Well

Location Identifier NK-SB-269

Trichloropropane,1,2,3-	ND<5.8	µg/kg		AEL	AEL97003094	Volatile Organics
Vinyl Acetate	ND<5.8	µg/kg		AEL	AEL97003094	Volatile Organics
Vinyl Chloride	ND<5.8	µg/kg		AEL	AEL97003094	Volatile Organics
Xylene,o- (mobile)	ND<22.8	µg/kg		LEA	97-1826-326	Volatile Organics
Xylenes (Total)	ND<5.8	µg/kg		AEL	AEL97003094	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.3	µg/kg		LEA	97-1826-326	Volatile Organics

Sample Identifier 1027248 11:55 From 8 to 10 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.95	µg/kg		LEA	97-1827-327	Volatile Organics
Ethylbenzene (mobile)	ND<17.1	µg/kg		LEA	97-1827-327	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.5	µg/kg		LEA	97-1827-327	Volatile Organics
Toluene (mobile)	ND<12.0	µg/kg		LEA	97-1827-327	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<215	µg/kg		LEA	97-1827-327	Volatile Organics
Trichloroethylene (mobile)	ND<21.2	µg/kg		LEA	97-1827-327	Volatile Organics
Xylene,o- (mobile)	ND<22.8	µg/kg		LEA	97-1827-327	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.3	µg/kg		LEA	97-1827-327	Volatile Organics

Sample Identifier 1027249 12:00 From 10 to 12 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<8.11	µg/kg		LEA	97-1828-328	Volatile Organics
Ethylbenzene (mobile)	ND<17.4	µg/kg		LEA	97-1828-328	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.9	µg/kg		LEA	97-1828-328	Volatile Organics
Toluene (mobile)	ND<12.2	µg/kg		LEA	97-1828-328	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<219	µg/kg		LEA	97-1828-328	Volatile Organics
Trichloroethylene (mobile)	ND<21.6	µg/kg		LEA	97-1828-328	Volatile Organics
Xylene,o- (mobile)	ND<23.3	µg/kg		LEA	97-1828-328	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.5	µg/kg		LEA	97-1828-328	Volatile Organics

Sample Identifier 1027282 13:00 From 5 to 6 Ground Water

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<0.004	mg/L		AEL	AEL97002693	Metals
Barium	ND<0.050	mg/L		AEL	AEL97002693	Metals
Cadmium	0.0018	mg/L		AEL	AEL97002693	Metals
Chromium	ND<0.050	mg/L		AEL	AEL97002693	Metals
Lead	ND<0.0050	mg/L		AEL	AEL97002693	Metals
Mercury	ND<0.0004	mg/L		AEL	AEL97002693	Metals
Nickel	ND<0.10	mg/L		AEL	AEL97002693	Metals
Selenium	ND<0.010	mg/L		AEL	AEL97002693	Metals
Silver	ND<0.027	mg/L		AEL	AEL97002693	Metals
Zinc	0.106	mg/L		AEL	AEL97002693	Metals
Total Petroleum Hydrocarbons	ND<0.5	mg/L		AEL	AEL97002693	Physical Analysis
Acenaphthene	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Acenaphthylene	ND<1.6	µg/L	MDL	AEL	AEL97002693	Semi-volatile Organics
Anthracene	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Benzidine	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Benzo[a]anthracene	ND<0.82	µg/L	MDL	AEL	AEL97002693	Semi-volatile Organics
Benzo[a]pyrene	ND<0.37	µg/L	MDL	AEL	AEL97002693	Semi-volatile Organics
Benzo[b]fluoranthene	ND<0.51	µg/L	MDL	AEL	AEL97002693	Semi-volatile Organics

Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: M.E.R.L. Dry Well

Location Identifier NK-SB-269

Benzo[ghi]perylene	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Benzo[k]fluoranthene	ND<0.60	µg/L	MDL	AEL	AEL97002693	Semi-volatile Organics
Bis(2-chloroethoxy)methane	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Bis(2-chloroethyl) Ether	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Bis(2-ethylhexyl)phthalate	ND<1.6	µg/L	U	AEL	AEL97002693	Semi-volatile Organics
Bromophenyl Phenyl Ether,4-	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Butyl Benzyl Phthalate	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Chloronaphthalene,2-	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Chlorophenol,2-	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Chlorophenyl Phenyl Ether,4-	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Chlorotoluene,p-	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Chrysene	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Di-n-butyl Phthalate	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Di-n-octyl Phthalate	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Dibenzo[a,h]anthracene	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Dichlorobenzene,1,2-	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Dichlorobenzene,1,3-	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Dichlorobenzene,1,4-	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Dichlorobenzidine,3.3'-	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Dichlorophenol,2,4-	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Diethyl Phthalate	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Dimethyl Phthalate	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Dimethylphenol,2,4-	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Dinitro-o-cresol,4,6-	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Dinitrophenol,2,4-	ND<10	µg/L	UJ1	AEL	AEL97002693	Semi-volatile Organics
Dinitrotoluene,2,4-	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Dinitrotoluene,2,6-	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Diphenylhydrazine,1,2-	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Fluoranthene	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Fluorene	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Hexachlorobenzene	ND<1.2	µg/L	MDL	AEL	AEL97002693	Semi-volatile Organics
Hexachlorobutadiene	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Hexachlorocyclopentadiene	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Hexachloroethane	ND<1.2	µg/L	MDL	AEL	AEL97002693	Semi-volatile Organics
Indeno(1,2,3-cd)pyrene	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Isophorone	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
N-nitroso-n-propylamine	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
N-nitrosodimethylamine	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
N-nitrosodiphenylamine	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Naphthalene	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Nitrobenzene	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Nitrophenol,2-	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Nitrophenol,4-	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Pentachlorophenol	ND<0.63	µg/L	MDL	AEL	AEL97002693	Semi-volatile Organics
Phenanthrene	ND<1.1	µg/L	MDL	AEL	AEL97002693	Semi-volatile Organics
Phenol	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Propane),2,2'-oxybis(2-chloro-	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Pyrene	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics
Trichlorobenzene,1,2,4-	ND<10	µg/L		AEL	AEL97002693	Semi-volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: M.E.R.L. Dry Well

Location Identifier NK-SB-269

Trichlorophenol,2,4,6-	ND<10	µg/L	AEL	AEL97002693	Semi-volatile Organics
Acetone	ND<4.0	µg/L	AEL	AEL97002693	Volatile Organics
Acrolein	ND<15	µg/L	AEL	AEL97002693	Volatile Organics
Acrylonitrile	ND<0.65	µg/L	AEL	AEL97002693	Volatile Organics
Benzene	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Bromobenzene	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Bromoform	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Carbon Disulfide	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Carbon Tetrachloride	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Chlorobenzene	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Chlorodibromomethane	ND<0.50	µg/L	AEL	AEL97002693	Volatile Organics
Chloroethane	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Chloroform	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Chlorotoluene,o-	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Chlorotoluene,p-	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Dibromomethane	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Dichlorobenzene,1,2-	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Dichlorobenzene,1,3-	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Dichlorobenzene,1,4-	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Dichlorobromomethane	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Dichlorodifluoromethane	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Dichloroethane,1,1-	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Dichloroethane,1,2-	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Dichloroethylene,1,1-	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Dichloroethylene,1,2-cis-	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Dichloroethylene,1,2-trans-	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Dichloropropane,1,2-	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Dichloropropylene,1,3-cis-	ND<0.50	µg/L	AEL	AEL97002693	Volatile Organics
Dichloropropylene,1,3-trans-	ND<0.50	µg/L	AEL	AEL97002693	Volatile Organics
Ethylbenzene	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Hexanone,2-	ND<2.0	µg/L	AEL	AEL97002693	Volatile Organics
Methyl Bromide	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Methyl Chloride	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Methyl Ethyl Ketone	ND<2.0	µg/L	AEL	AEL97002693	Volatile Organics
Methyl-2-pentanone,4-	ND<2.0	µg/L	AEL	AEL97002693	Volatile Organics
Methyl-tert-butyl Ether	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Methylene Chloride	ND<2.0	µg/L	AEL	AEL97002693	Volatile Organics
Styrene	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<0.50	µg/L	AEL	AEL97002693	Volatile Organics
Tetrachloroethylene	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Toluene	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Trichloroethane,1,1,1-	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Trichloroethane,1,1,2-	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Trichloroethylene	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Trichloromonofluoromethane	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Trichloropropane,1,2,3-	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Vinyl Acetate	ND<2.0	µg/L	AEL	AEL97002693	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: M.E.R.L. Dry Well

Location Identifier NK-SB-269

Vinyl Chloride	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics
Xylenes (Total)	ND<1.0	µg/L	AEL	AEL97002693	Volatile Organics

Location Identifier NK-SB-270
Sample Date 3/ 5/97
Sample Identifier 1027250 13:50 From 0 to 2 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<8.11	µg/kg		LEA	97-1829-329	Volatile Organics
Ethylbenzene (mobile)	ND<17.4	µg/kg		LEA	97-1829-329	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.9	µg/kg		LEA	97-1829-329	Volatile Organics
Toluene (mobile)	ND<12.2	µg/kg		LEA	97-1829-329	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<219	µg/kg		LEA	97-1829-329	Volatile Organics
Trichloroethylene (mobile)	ND<21.6	µg/kg		LEA	97-1829-329	Volatile Organics
Xylene,o- (mobile)	ND<23.3	µg/kg		LEA	97-1829-329	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.5	µg/kg		LEA	97-1829-329	Volatile Organics

Sample Identifier 1027251 13:52 From 2 to 4 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.95	µg/kg		LEA	97-1830-330	Volatile Organics
Ethylbenzene (mobile)	ND<17.1	µg/kg		LEA	97-1830-330	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.5	µg/kg		LEA	97-1830-330	Volatile Organics
Toluene (mobile)	ND<12.0	µg/kg		LEA	97-1830-330	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<215	µg/kg		LEA	97-1830-330	Volatile Organics
Trichloroethylene (mobile)	ND<21.2	µg/kg		LEA	97-1830-330	Volatile Organics
Xylene,o- (mobile)	ND<22.8	µg/kg		LEA	97-1830-330	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.3	µg/kg		LEA	97-1830-330	Volatile Organics

Sample Identifier 1027252 13:52 From 2 to 4 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<0.4	mg/kg		AEL	AEL97003095	Metals
Barium	9.98	mg/kg		AEL	AEL97003095	Metals
Cadmium	ND<3.15	mg/kg		AEL	AEL97003095	Metals
Chromium	ND<5.25	mg/kg		AEL	AEL97003095	Metals
Lead	ND<21	mg/kg		AEL	AEL97003095	Metals
Mercury	ND<0.08	mg/kg		AEL	AEL97003095	Metals
Nickel	ND<10.5	mg/kg		AEL	AEL97003095	Metals
Selenium	ND<1.05	mg/kg		AEL	AEL97003095	Metals
Silver	ND<5.25	mg/kg		AEL	AEL97003095	Metals
Zinc	8.4	mg/kg		AEL	AEL97003095	Metals
Total Petroleum Hydrocarbons	ND<35.0	mg/kg		AEL	AEL97003095	Physical Analysis
Acenaphthene	ND<350	µg/kg		AEL	AEL97003095	Semi-volatile Organics
Acenaphthylene	ND<350	µg/kg		AEL	AEL97003095	Semi-volatile Organics
Anthracene	ND<350	µg/kg		AEL	AEL97003095	Semi-volatile Organics
Benzidine	ND<350	µg/kg		AEL	AEL97003095	Semi-volatile Organics
Benzo[a]anthracene	ND<350	µg/kg		AEL	AEL97003095	Semi-volatile Organics
Benzo[a]pyrene	ND<350	µg/kg		AEL	AEL97003095	Semi-volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: M.E.R.L. Dry Well

Location Identifier NK-SB-270

Benzo[b]fluoranthene	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Benzo[ghi]perylene	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Benzo[k]fluoranthene	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Bis(2-chloroethoxy)methane	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Bis(2-chloroethyl) Ether	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Bis(2-ethylhexyl)phthalate	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Bromophenyl Phenyl Ether,4-	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Butyl Benzyl Phthalate	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Chloronaphthalene,2-	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Chlorophenol,2-	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Chlorophenyl Phenyl Ether,4-	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Chlorotoluene,p-	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Chrysene	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Di-n-butyl Phthalate	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Di-n-octyl Phthalate	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Dibenzo[a,h]anthracene	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Dichlorobenzene,1,2-	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Dichlorobenzene,1,3-	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Dichlorobenzene,1,4-	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Dichlorobenzidine,3,3'-	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Dichlorophenol,2,4-	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Diethyl Phthalate	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Dimethyl Phthalate	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Dimethylphenol,2,4-	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Dinitro-o-cresol,4,6-	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Dinitrophenol,2,4-	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Dinitrotoluene,2,4-	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Dinitrotoluene,2,6-	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Diphenylhydrazine,1,2-	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Fluoranthene	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Fluorene	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Hexachlorobenzene	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Hexachlorobutadiene	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Hexachlorocyclopentadiene	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Hexachloroethane	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Indeno(1,2,3-cd)pyrene	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Isophorone	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
N-nitroso-n-propylamine	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
N-nitrosodimethylamine	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
N-nitrosodiphenylamine	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Naphthalene	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Nitrobenzene	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Nitrophenol,2-	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Nitrophenol,4-	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Pentachlorophenol	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Phenanthrene	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Phenol	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Propane),2,2'-oxybis(2-chloro-	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Pyrene	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: M.E.R.L. Dry Well

Location Identifier NK-SB-270

Trichlorobenzene,1,2,4-	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Trichlorophenol,2,4,6-	ND<350	µg/kg	AEL	AEL97003095	Semi-volatile Organics
Acetone	ND<28	µg/kg	AEL	AEL97003095	Volatile Organics
Acrolein	ND<14	µg/kg	AEL	AEL97003095	Volatile Organics
Acrylonitrile	ND<14	µg/kg	AEL	AEL97003095	Volatile Organics
Benzene	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Benzene (mobile)	ND<7.95	µg/kg	LEA	97-1835-335	Volatile Organics
Bromobenzene	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Bromoform	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Carbon Disulfide	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Carbon Tetrachloride	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Chlorobenzene	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Chlorodibromomethane	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Chloroethane	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Chloroform	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Chlorotoluene,o-	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Chlorotoluene,p-	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Dibromomethane	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Dichlorobenzene,1,2-	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Dichlorobenzene,1,3-	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Dichlorobenzene,1,4-	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Dichlorobromomethane	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Dichlorodifluoromethane	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Dichloroethane,1,1-	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Dichloroethane,1,2-	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Dichloroethylene,1,1-	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Dichloroethylene,1,2-cis-	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Dichloroethylene,1,2-trans-	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Dichloropropane,1,2-	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Dichloropropylene,1,3-cis-	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Dichloropropylene,1,3-trans-	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Ethylbenzene	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Ethylbenzene (mobile)	ND<17.1	µg/kg	LEA	97-1835-335	Volatile Organics
Hexanone,2-	ND<14	µg/kg	AEL	AEL97003095	Volatile Organics
Methyl Bromide	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Methyl Chloride	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Methyl Ethyl Ketone	ND<14	µg/kg	AEL	AEL97003095	Volatile Organics
Methyl-2-pentanone,4-	ND<14	µg/kg	AEL	AEL97003095	Volatile Organics
Methyl-tert-butyl Ether	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Methylene Chloride	ND<7.0	µg/kg	AEL	AEL97003095	Volatile Organics
Styrene	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Tetrachloroethylene	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.5	µg/kg	LEA	97-1835-335	Volatile Organics
Toluene	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Toluene (mobile)	ND<12.0	µg/kg	LEA	97-1835-335	Volatile Organics
Trichloroethane,1,1,1-	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: M.E.R.L. Dry Well

Location Identifier NK-SB-270

Trichloroethane,1,1,1- (mobile)	ND<215	µg/kg	LEA	97-1835-335	Volatile Organics
Trichloroethane,1,1,2-	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Trichloroethylene	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Trichloroethylene (mobile)	ND<21.2	µg/kg	LEA	97-1835-335	Volatile Organics
Trichloromonofluoromethane	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Trichloropropane,1,2,3-	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Vinyl Acetate	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Vinyl Chloride	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Xylene,o- (mobile)	ND<22.8	µg/kg	LEA	97-1835-335	Volatile Organics
Xylenes (Total)	ND<5.6	µg/kg	AEL	AEL97003095	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.3	µg/kg	LEA	97-1835-335	Volatile Organics

Sample Identifier 1027253 14:07 From 4 to 6 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<0.43	mg/kg		AEL	AEL97003096	Metals
Barium	11.1	mg/kg		AEL	AEL97003096	Metals
Cadmium	ND<3.22	mg/kg		AEL	AEL97003096	Metals
Chromium	5.89	mg/kg		AEL	AEL97003096	Metals
Lead	ND<21.4	mg/kg		AEL	AEL97003096	Metals
Mercury	ND<0.09	mg/kg		AEL	AEL97003096	Metals
Nickel	ND<10.7	mg/kg		AEL	AEL97003096	Metals
Selenium	ND<1.07	mg/kg		AEL	AEL97003096	Metals
Silver	ND<5.36	mg/kg		AEL	AEL97003096	Metals
Zinc	12.6	mg/kg		AEL	AEL97003096	Metals
Total Petroleum Hydrocarbons	ND<37.3	mg/kg		AEL	AEL97003096	Physical Analysis
Acetone	ND<25	µg/kg		AEL	AEL97003096	Volatile Organics
Acrolein	ND<13	µg/kg		AEL	AEL97003096	Volatile Organics
Acrylonitrile	ND<13	µg/kg		AEL	AEL97003096	Volatile Organics
Benzene	ND<5.1	µg/kg		AEL	AEL97003096	Volatile Organics
Benzene (mobile)	ND<8.11	µg/kg		LEA	97-1836-336	Volatile Organics
Bromobenzene	ND<5.1	µg/kg		AEL	AEL97003096	Volatile Organics
Bromoform	ND<5.1	µg/kg		AEL	AEL97003096	Volatile Organics
Carbon Disulfide	ND<5.1	µg/kg		AEL	AEL97003096	Volatile Organics
Carbon Tetrachloride	ND<5.1	µg/kg		AEL	AEL97003096	Volatile Organics
Chlorobenzene	ND<5.1	µg/kg		AEL	AEL97003096	Volatile Organics
Chlorodibromomethane	ND<5.1	µg/kg		AEL	AEL97003096	Volatile Organics
Chloroethane	ND<5.1	µg/kg		AEL	AEL97003096	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<5.1	µg/kg		AEL	AEL97003096	Volatile Organics
Chloroform	ND<5.1	µg/kg		AEL	AEL97003096	Volatile Organics
Chlorotoluene,o-	ND<5.1	µg/kg		AEL	AEL97003096	Volatile Organics
Chlorotoluene,p-	ND<5.1	µg/kg		AEL	AEL97003096	Volatile Organics
Dibromomethane	ND<5.1	µg/kg		AEL	AEL97003096	Volatile Organics
Dichlorobenzene,1,2-	ND<5.1	µg/kg		AEL	AEL97003096	Volatile Organics
Dichlorobenzene,1,3-	ND<5.1	µg/kg		AEL	AEL97003096	Volatile Organics
Dichlorobenzene,1,4-	ND<5.1	µg/kg		AEL	AEL97003096	Volatile Organics
Dichlorobromomethane	ND<5.1	µg/kg		AEL	AEL97003096	Volatile Organics
Dichlorodifluoromethane	ND<5.1	µg/kg		AEL	AEL97003096	Volatile Organics
Dichloroethane,1,1-	ND<5.1	µg/kg		AEL	AEL97003096	Volatile Organics
Dichloroethane,1,2-	ND<5.1	µg/kg		AEL	AEL97003096	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: M.E.R.L. Dry Well

Location Identifier NK-SB-270

Dichloroethylene,1,1-	ND<5.1	µg/kg	AEL	AEL97003096	Volatile Organics
Dichloroethylene,1,2-cis-	ND<5.1	µg/kg	AEL	AEL97003096	Volatile Organics
Dichloroethylene,1,2-trans-	ND<5.1	µg/kg	AEL	AEL97003096	Volatile Organics
Dichloropropane,1,2-	ND<5.1	µg/kg	AEL	AEL97003096	Volatile Organics
Dichloropropylene,1,3-cis-	ND<5.1	µg/kg	AEL	AEL97003096	Volatile Organics
Dichloropropylene,1,3-trans-	ND<5.1	µg/kg	AEL	AEL97003096	Volatile Organics
Ethylbenzene	ND<5.1	µg/kg	AEL	AEL97003096	Volatile Organics
Ethylbenzene (mobile)	ND<17.4	µg/kg	LEA	97-1836-336	Volatile Organics
Hexanone,2-	ND<13	µg/kg	AEL	AEL97003096	Volatile Organics
Methyl Bromide	ND<5.1	µg/kg	AEL	AEL97003096	Volatile Organics
Methyl Chloride	ND<5.1	µg/kg	AEL	AEL97003096	Volatile Organics
Methyl Ethyl Ketone	ND<13	µg/kg	AEL	AEL97003096	Volatile Organics
Methyl-2-pentanone,4-	ND<13	µg/kg	AEL	AEL97003096	Volatile Organics
Methyl-tert-butyl Ether	ND<5.1	µg/kg	AEL	AEL97003096	Volatile Organics
Methylene Chloride	ND<7.6	µg/kg	AEL	AEL97003096	Volatile Organics
Styrene	ND<5.1	µg/kg	AEL	AEL97003096	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<5.1	µg/kg	AEL	AEL97003096	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<5.1	µg/kg	AEL	AEL97003096	Volatile Organics
Tetrachloroethylene	ND<5.1	µg/kg	AEL	AEL97003096	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.9	µg/kg	LEA	97-1836-336	Volatile Organics
Toluene	ND<5.1	µg/kg	AEL	AEL97003096	Volatile Organics
Toluene (mobile)	ND<12.2	µg/kg	LEA	97-1836-336	Volatile Organics
Trichloroethane,1,1,1-	ND<5.1	µg/kg	AEL	AEL97003096	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<219	µg/kg	LEA	97-1836-336	Volatile Organics
Trichloroethane,1,1,2-	ND<5.1	µg/kg	AEL	AEL97003096	Volatile Organics
Trichloroethylene	ND<5.1	µg/kg	AEL	AEL97003096	Volatile Organics
Trichloroethylene (mobile)	ND<21.6	µg/kg	LEA	97-1836-336	Volatile Organics
Trichloromonofluoromethane	ND<5.1	µg/kg	AEL	AEL97003096	Volatile Organics
Trichloropropane,1,2,3-	ND<5.1	µg/kg	AEL	AEL97003096	Volatile Organics
Vinyl Acetate	ND<5.1	µg/kg	AEL	AEL97003096	Volatile Organics
Vinyl Chloride	ND<5.1	µg/kg	AEL	AEL97003096	Volatile Organics
Xylene,o- (mobile)	ND<23.3	µg/kg	LEA	97-1836-336	Volatile Organics
Xylenes (Total)	ND<5.1	µg/kg	AEL	AEL97003096	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.5	µg/kg	LEA	97-1836-336	Volatile Organics

Sample Identifier 1027254 14:10 From 6 to 8 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.79	µg/kg		LEA	97-1837-337	Volatile Organics
Ethylbenzene (mobile)	ND<16.8	µg/kg		LEA	97-1837-337	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.0	µg/kg		LEA	97-1837-337	Volatile Organics
Toluene (mobile)	ND<11.8	µg/kg		LEA	97-1837-337	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<211	µg/kg		LEA	97-1837-337	Volatile Organics
Trichloroethylene (mobile)	ND<20.7	µg/kg		LEA	97-1837-337	Volatile Organics
Xylene,o- (mobile)	ND<22.4	µg/kg		LEA	97-1837-337	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.0	µg/kg		LEA	97-1837-337	Volatile Organics

Sample Identifier 1027255 14:18 From 8 to 10 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.95	µg/kg		LEA	97-1838-338	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: M.E.R.L. Dry Well

Location Identifier NK-SB-270

Ethylbenzene (mobile)	ND<17.1	µg/kg		LEA	97-1838-338	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.5	µg/kg		LEA	97-1838-338	Volatile Organics
Toluene (mobile)	ND<12.0	µg/kg		LEA	97-1838-338	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<215	µg/kg		LEA	97-1838-338	Volatile Organics
Trichloroethylene (mobile)	ND<21.2	µg/kg		LEA	97-1838-338	Volatile Organics
Xylene,o- (mobile)	ND<22.8	µg/kg		LEA	97-1838-338	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.3	µg/kg		LEA	97-1838-338	Volatile Organics

Sample Identifier 1027256 14:25 From 10 to 12 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<8.11	µg/kg		LEA	97-1839-339	Volatile Organics
Ethylbenzene (mobile)	ND<17.4	µg/kg		LEA	97-1839-339	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.9	µg/kg		LEA	97-1839-339	Volatile Organics
Toluene (mobile)	ND<12.2	µg/kg		LEA	97-1839-339	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<219	µg/kg		LEA	97-1839-339	Volatile Organics
Trichloroethylene (mobile)	ND<21.6	µg/kg		LEA	97-1839-339	Volatile Organics
Xylene,o- (mobile)	ND<23.3	µg/kg		LEA	97-1839-339	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.5	µg/kg		LEA	97-1839-339	Volatile Organics

Sample Identifier 1027283 14:30 From 5.0 to 6.0 Ground Water

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<0.004	mg/L		AEL	AEL97002694	Metals
Barium	0.053	mg/L		AEL	AEL97002694	Metals
Cadmium	ND<0.0010	mg/L		AEL	AEL97002694	Metals
Chromium	ND<0.050	mg/L		AEL	AEL97002694	Metals
Lead	ND<0.0050	mg/L		AEL	AEL97002694	Metals
Mercury	ND<0.0004	mg/L		AEL	AEL97002694	Metals
Nickel	ND<0.10	mg/L		AEL	AEL97002694	Metals
Selenium	ND<0.010	mg/L		AEL	AEL97002694	Metals
Silver	ND<0.027	mg/L		AEL	AEL97002694	Metals
Zinc	ND<0.050	mg/L		AEL	AEL97002694	Metals
Total Petroleum Hydrocarbons	ND<0.5	mg/L		AEL	AEL97002694	Physical Analysis
Acenaphthene	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Acenaphthylene	ND<1.6	µg/L	MDL	AEL	AEL97002694	Semi-volatile Organics
Anthracene	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Benzidine	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Benzo[a]anthracene	ND<0.82	µg/L	MDL	AEL	AEL97002694	Semi-volatile Organics
Benzo[a]pyrene	ND<0.37	µg/L	MDL	AEL	AEL97002694	Semi-volatile Organics
Benzo[b]fluoranthene	ND<0.51	µg/L	MDL	AEL	AEL97002694	Semi-volatile Organics
Benzo[ghi]perylene	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Benzo[k]fluoranthene	ND<0.60	µg/L	MDL	AEL	AEL97002694	Semi-volatile Organics
Bis(2-chloroethoxy)methane	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Bis(2-chloroethyl) Ether	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Bis(2-ethylhexyl)phthalate	ND<2.0	µg/L	U	AEL	AEL97002694	Semi-volatile Organics
Bromophenyl Phenyl Ether,4-	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Butyl Benzyl Phthalate	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Chloronaphthalene,2-	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Chlorophenol,2-	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Chlorophenyl Phenyl Ether,4-	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: M.E.R.L. Dry Well

Location Identifier NK-SB-270

Chlorotoluene,p-	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Chrysene	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Di-n-butyl Phthalate	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Di-n-octyl Phthalate	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Dibenzo[a,h]anthracene	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Dichlorobenzene,1,2-	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Dichlorobenzene,1,3-	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Dichlorobenzene,1,4-	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Dichlorobenzidine,3,3'-	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Dichlorophenol,2,4-	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Diethyl Phthalate	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Dimethyl Phthalate	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Dimethylphenol,2,4-	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Dinitro-o-cresol,4,6-	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Dinitrophenol,2,4-	ND<10	µg/L	UJ1	AEL	AEL97002694	Semi-volatile Organics
Dinitrotoluene,2,4-	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Dinitrotoluene,2,6-	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Diphenylhydrazine,1,2-	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Fluoranthene	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Fluorene	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Hexachlorobenzene	ND<1.2	µg/L	MDL	AEL	AEL97002694	Semi-volatile Organics
Hexachlorobutadiene	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Hexachlorocyclopentadiene	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Hexachloroethane	ND<1.2	µg/L	MDL	AEL	AEL97002694	Semi-volatile Organics
Indeno(1,2,3-cd)pyrene	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Isophorone	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
N-nitroso-n-propylamine	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
N-nitrosodimethylamine	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
N-nitrosodiphenylamine	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Naphthalene	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Nitrobenzene	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Nitrophenol,2-	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Nitrophenol,4-	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Pentachlorophenol	ND<0.63	µg/L	MDL	AEL	AEL97002694	Semi-volatile Organics
Phenanthrene	ND<1.1	µg/L	MDL	AEL	AEL97002694	Semi-volatile Organics
Phenol	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Propane),2,2'-oxybis(2-chloro-	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Pyrene	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Trichlorobenzene,1,2,4-	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Trichlorophenol,2,4,6-	ND<10	µg/L		AEL	AEL97002694	Semi-volatile Organics
Acetone	ND<4.0	µg/L		AEL	AEL97002694	Volatile Organics
Acrolein	ND<15	µg/L		AEL	AEL97002694	Volatile Organics
Acrylonitrile	ND<0.65	µg/L		AEL	AEL97002694	Volatile Organics
Benzene	ND<1.0	µg/L		AEL	AEL97002694	Volatile Organics
Bromobenzene	ND<1.0	µg/L		AEL	AEL97002694	Volatile Organics
Bromoform	ND<1.0	µg/L		AEL	AEL97002694	Volatile Organics
Carbon Disulfide	ND<1.0	µg/L		AEL	AEL97002694	Volatile Organics
Carbon Tetrachloride	ND<1.0	µg/L		AEL	AEL97002694	Volatile Organics
Chlorobenzene	ND<1.0	µg/L		AEL	AEL97002694	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: M.E.R.L. Dry Well

Location Identifier NK-SB-270

Chlorodibromomethane	ND<0.50	µg/L	AEL	AEL97002694	Volatile Organics
Chloroethane	ND<1.0	µg/L	AEL	AEL97002694	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<1.0	µg/L	AEL	AEL97002694	Volatile Organics
Chloroform	ND<1.0	µg/L	AEL	AEL97002694	Volatile Organics
Chlorotoluene,o-	ND<1.0	µg/L	AEL	AEL97002694	Volatile Organics
Chlorotoluene,p-	ND<1.0	µg/L	AEL	AEL97002694	Volatile Organics
Dibromomethane	ND<1.0	µg/L	AEL	AEL97002694	Volatile Organics
Dichlorobenzene,1,2-	ND<1.0	µg/L	AEL	AEL97002694	Volatile Organics
Dichlorobenzene,1,3-	ND<1.0	µg/L	AEL	AEL97002694	Volatile Organics
Dichlorobenzene,1,4-	ND<1.0	µg/L	AEL	AEL97002694	Volatile Organics
Dichlorobromomethane	ND<1.0	µg/L	AEL	AEL97002694	Volatile Organics
Dichlorodifluoromethane	ND<1.0	µg/L	AEL	AEL97002694	Volatile Organics
Dichloroethane,1,1-	ND<1.0	µg/L	AEL	AEL97002694	Volatile Organics
Dichloroethane,1,2-	ND<1.0	µg/L	AEL	AEL97002694	Volatile Organics
Dichloroethylene,1,1-	ND<1.0	µg/L	AEL	AEL97002694	Volatile Organics
Dichloroethylene,1,2-cis-	ND<1.0	µg/L	AEL	AEL97002694	Volatile Organics
Dichloroethylene,1,2-trans-	ND<1.0	µg/L	AEL	AEL97002694	Volatile Organics
Dichloropropane,1,2-	ND<1.0	µg/L	AEL	AEL97002694	Volatile Organics
Dichloropropylene,1,3-cis-	ND<0.50	µg/L	AEL	AEL97002694	Volatile Organics
Dichloropropylene,1,3-trans-	ND<0.50	µg/L	AEL	AEL97002694	Volatile Organics
Ethylbenzene	ND<1.0	µg/L	AEL	AEL97002694	Volatile Organics
Hexanone,2-	ND<2.0	µg/L	AEL	AEL97002694	Volatile Organics
Methyl Bromide	ND<1.0	µg/L	AEL	AEL97002694	Volatile Organics
Methyl Chloride	ND<1.0	µg/L	AEL	AEL97002694	Volatile Organics
Methyl Ethyl Ketone	ND<2.0	µg/L	AEL	AEL97002694	Volatile Organics
Methyl-2-pentanone,4-	ND<2.0	µg/L	AEL	AEL97002694	Volatile Organics
Methyl-tert-butyl Ether	ND<1.0	µg/L	AEL	AEL97002694	Volatile Organics
Methylene Chloride	ND<4.0	µg/L	AEL	AEL97002694	Volatile Organics
Styrene	ND<1.0	µg/L	AEL	AEL97002694	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<1.0	µg/L	AEL	AEL97002694	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<0.50	µg/L	AEL	AEL97002694	Volatile Organics
Tetrachloroethylene	ND<1.0	µg/L	AEL	AEL97002694	Volatile Organics
Toluene	ND<1.0	µg/L	AEL	AEL97002694	Volatile Organics
Trichloroethane,1,1,1-	ND<1.0	µg/L	AEL	AEL97002694	Volatile Organics
Trichloroethane,1,1,2-	ND<1.0	µg/L	AEL	AEL97002694	Volatile Organics
Trichloroethylene	ND<1.0	µg/L	AEL	AEL97002694	Volatile Organics
Trichloromonofluoromethane	ND<1.0	µg/L	AEL	AEL97002694	Volatile Organics
Trichloropropane,1,2,3-	ND<1.0	µg/L	AEL	AEL97002694	Volatile Organics
Vinyl Acetate	ND<2.0	µg/L	AEL	AEL97002694	Volatile Organics
Vinyl Chloride	ND<1.0	µg/L	AEL	AEL97002694	Volatile Organics
Xylenes (Total)	ND<1.0	µg/L	AEL	AEL97002694	Volatile Organics

Location Identifier NK-SB-271
Sample Date 3/ 5/97
Sample Identifier 1027257 15:12 From 0 to 2 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<8.11	µg/kg		LEA	97-1840-340	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: M.E.R.L. Dry Well

Location Identifier NK-SB-271

Ethylbenzene (mobile)	ND<17.4	µg/kg	LEA	97-1840-340	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.9	µg/kg	LEA	97-1840-340	Volatile Organics
Toluene (mobile)	ND<12.2	µg/kg	LEA	97-1840-340	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<219	µg/kg	LEA	97-1840-340	Volatile Organics
Trichloroethylene (mobile)	ND<21.6	µg/kg	LEA	97-1840-340	Volatile Organics
Xylene,o- (mobile)	ND<23.3	µg/kg	LEA	97-1840-340	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.5	µg/kg	LEA	97-1840-340	Volatile Organics

Sample Identifier 1027258 15:15 From 2 to 4 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.79	µg/kg		LEA	97-1841-341	Volatile Organics
Ethylbenzene (mobile)	ND<16.8	µg/kg		LEA	97-1841-341	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.0	µg/kg		LEA	97-1841-341	Volatile Organics
Toluene (mobile)	ND<11.8	µg/kg		LEA	97-1841-341	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<211	µg/kg		LEA	97-1841-341	Volatile Organics
Trichloroethylene (mobile)	ND<20.7	µg/kg		LEA	97-1841-341	Volatile Organics
Xylene,o- (mobile)	ND<22.4	µg/kg		LEA	97-1841-341	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.0	µg/kg		LEA	97-1841-341	Volatile Organics

Sample Identifier 1027259 15:30 From 4 to 6 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<0.45	mg/kg		AEL	AEL97003097	Metals
Barium	7.26	mg/kg		AEL	AEL97003097	Metals
Cadmium	ND<3.4	mg/kg		AEL	AEL97003097	Metals
Chromium	ND<5.67	mg/kg		AEL	AEL97003097	Metals
Lead	ND<22.7	mg/kg		AEL	AEL97003097	Metals
Mercury	ND<0.09	mg/kg		AEL	AEL97003097	Metals
Nickel	ND<11.3	mg/kg		AEL	AEL97003097	Metals
Selenium	ND<1.13	mg/kg		AEL	AEL97003097	Metals
Silver	ND<5.67	mg/kg		AEL	AEL97003097	Metals
Zinc	9.75	mg/kg		AEL	AEL97003097	Metals
Total Petroleum Hydrocarbons	ND<38.3	mg/kg		AEL	AEL97003097	Physical Analysis
Acenaphthene	ND<370	µg/kg		AEL	AEL97003097	Semi-volatile Organics
Acenaphthylene	ND<370	µg/kg		AEL	AEL97003097	Semi-volatile Organics
Anthracene	ND<370	µg/kg		AEL	AEL97003097	Semi-volatile Organics
Benzidine	ND<370	µg/kg		AEL	AEL97003097	Semi-volatile Organics
Benzo[a]anthracene	ND<370	µg/kg		AEL	AEL97003097	Semi-volatile Organics
Benzo[a]pyrene	ND<370	µg/kg		AEL	AEL97003097	Semi-volatile Organics
Benzo[b]fluoranthene	ND<370	µg/kg		AEL	AEL97003097	Semi-volatile Organics
Benzo[ghi]perylene	ND<370	µg/kg		AEL	AEL97003097	Semi-volatile Organics
Benzo[k]fluoranthene	ND<370	µg/kg		AEL	AEL97003097	Semi-volatile Organics
Bis(2-chloroethoxy)methane	ND<370	µg/kg		AEL	AEL97003097	Semi-volatile Organics
Bis(2-chloroethyl) Ether	ND<370	µg/kg		AEL	AEL97003097	Semi-volatile Organics
Bis(2-ethylhexyl)phthalate	ND<370	µg/kg		AEL	AEL97003097	Semi-volatile Organics
Bromophenyl Phenyl Ether,4-	ND<370	µg/kg		AEL	AEL97003097	Semi-volatile Organics
Butyl Benzyl Phthalate	ND<370	µg/kg		AEL	AEL97003097	Semi-volatile Organics
Chloronaphthalene,2-	ND<370	µg/kg		AEL	AEL97003097	Semi-volatile Organics
Chlorophenol,2-	ND<370	µg/kg		AEL	AEL97003097	Semi-volatile Organics
Chlorophenyl Phenyl Ether,4-	ND<370	µg/kg		AEL	AEL97003097	Semi-volatile Organics

Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: M.E.R.L. Dry Well

Location Identifier NK-SB-271

Chlorotoluene,p-	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Chrysene	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Di-n-butyl Phthalate	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Di-n-octyl Phthalate	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Dibenzo[a,h]anthracene	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Dichlorobenzene,1,2-	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Dichlorobenzene,1,3-	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Dichlorobenzene,1,4-	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Dichlorobenzidine,3,3'-	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Dichlorophenol,2,4-	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Diethyl Phthalate	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Dimethyl Phthalate	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Dimethylphenol,2,4-	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Dinitro-o-cresol,4,6-	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Dinitrophenol,2,4-	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Dinitrotoluene,2,4-	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Dinitrotoluene,2,6-	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Diphenylhydrazine,1,2-	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Fluoranthene	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Fluorene	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Hexachlorobenzene	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Hexachlorobutadiene	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Hexachlorocyclopentadiene	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Hexachloroethane	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Indeno(1,2,3-cd)pyrene	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Isophorone	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
N-nitroso-n-propylamine	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
N-nitrosodimethylamine	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
N-nitrosodiphenylamine	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Naphthalene	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Nitrobenzene	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Nitrophenol,2-	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Nitrophenol,4-	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Pentachlorophenol	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Phenanthrene	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Phenol	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Propane),2,2'-oxybis(2-chloro-	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Pyrene	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Trichlorobenzene,1,2,4-	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Trichlorophenol,2,4,6-	ND<370	µg/kg	AEL	AEL97003097	Semi-volatile Organics
Acetone	ND<29	µg/kg	AEL	AEL97003097	Volatile Organics
Acrolein	ND<14	µg/kg	AEL	AEL97003097	Volatile Organics
Acrylonitrile	ND<14	µg/kg	AEL	AEL97003097	Volatile Organics
Benzene	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Benzene (mobile)	ND<7.64	µg/kg	LEA	97-1842-342	Volatile Organics
Bromobenzene	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Bromoform	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Carbon Disulfide	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Carbon Tetrachloride	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: M.E.R.L. Dry Well

Location Identifier NK-SB-271

Chlorobenzene	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Chlorodibromomethane	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Chloroethane	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Chloroform	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Chlorotoluene,o-	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Chlorotoluene,p-	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Dibromomethane	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Dichlorobenzene,1,2-	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Dichlorobenzene,1,3-	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Dichlorobenzene,1,4-	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Dichlorobromomethane	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Dichlorodifluoromethane	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Dichloroethane,1,1-	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Dichloroethane,1,2-	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Dichloroethylene,1,1-	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Dichloroethylene,1,2-cis-	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Dichloroethylene,1,2-trans-	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Dichloropropane,1,2-	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Dichloropropylene,1,3-cis-	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Dichloropropylene,1,3-trans-	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Ethylbenzene	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Ethylbenzene (mobile)	ND<16.4	µg/kg	LEA	97-1842-342	Volatile Organics
Hexanone,2-	ND<14	µg/kg	AEL	AEL97003097	Volatile Organics
Methyl Bromide	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Methyl Chloride	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Methyl Ethyl Ketone	ND<14	µg/kg	AEL	AEL97003097	Volatile Organics
Methyl-2-pentanone,4-	ND<14	µg/kg	AEL	AEL97003097	Volatile Organics
Methyl-tert-butyl Ether	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Methylene Chloride	ND<13	µg/kg	AEL	AEL97003097	Volatile Organics
Styrene	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Tetrachloroethylene	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Tetrachloroethylene (mobile)	ND<20.6	µg/kg	LEA	97-1842-342	Volatile Organics
Toluene	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Toluene (mobile)	ND<11.5	µg/kg	LEA	97-1842-342	Volatile Organics
Trichloroethane,1,1,1-	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<207	µg/kg	LEA	97-1842-342	Volatile Organics
Trichloroethane,1,1,2-	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Trichloroethylene	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Trichloroethylene (mobile)	ND<20.3	µg/kg	LEA	97-1842-342	Volatile Organics
Trichloromonofluoromethane	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Trichloropropane,1,2,3-	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Vinyl Acetate	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Vinyl Chloride	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics
Xylene,o- (mobile)	ND<21.9	µg/kg	LEA	97-1842-342	Volatile Organics
Xylenes (Total)	ND<5.8	µg/kg	AEL	AEL97003097	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: M.E.R.L. Dry Well

Location Identifier NK-SB-271

Xylenes,m- & p- (mobile)	ND<10.8	µg/kg		LEA	97-1842-342	Volatile Organics

Sample Identifier 1027260 15:35 From 6 to 8 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.79	µg/kg		LEA	97-1843-343	Volatile Organics
Ethylbenzene (mobile)	ND<16.8	µg/kg		LEA	97-1843-343	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.0	µg/kg		LEA	97-1843-343	Volatile Organics
Toluene (mobile)	ND<11.8	µg/kg		LEA	97-1843-343	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<211	µg/kg		LEA	97-1843-343	Volatile Organics
Trichloroethylene (mobile)	ND<20.7	µg/kg		LEA	97-1843-343	Volatile Organics
Xylene,o- (mobile)	ND<22.4	µg/kg		LEA	97-1843-343	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.0	µg/kg		LEA	97-1843-343	Volatile Organics

Sample Identifier 1027261 15:40 From 8 to 10 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<0.49	mg/kg		AEL	AEL97003098	Metals
Barium	11.8	mg/kg		AEL	AEL97003098	Metals
Cadmium	ND<3.68	mg/kg		AEL	AEL97003098	Metals
Chromium	ND<6.13	mg/kg		AEL	AEL97003098	Metals
Lead	ND<24.5	mg/kg		AEL	AEL97003098	Metals
Mercury	ND<0.10	mg/kg		AEL	AEL97003098	Metals
Nickel	ND<12.3	mg/kg		AEL	AEL97003098	Metals
Selenium	ND<1.23	mg/kg		AEL	AEL97003098	Metals
Silver	ND<6.13	mg/kg		AEL	AEL97003098	Metals
Zinc	11.8	mg/kg		AEL	AEL97003098	Metals
Total Petroleum Hydrocarbons	ND<41.7	mg/kg		AEL	AEL97003098	Physical Analysis
Acetone	ND<28	µg/kg		AEL	AEL97003098	Volatile Organics
Acrolein	ND<14	µg/kg		AEL	AEL97003098	Volatile Organics
Acrylonitrile	ND<14	µg/kg		AEL	AEL97003098	Volatile Organics
Benzene	ND<5.6	µg/kg		AEL	AEL97003098	Volatile Organics
Benzene (mobile)	ND<8.11	µg/kg		LEA	97-1845-345	Volatile Organics
Bromobenzene	ND<5.6	µg/kg		AEL	AEL97003098	Volatile Organics
Bromoform	ND<5.6	µg/kg		AEL	AEL97003098	Volatile Organics
Carbon Disulfide	ND<5.6	µg/kg		AEL	AEL97003098	Volatile Organics
Carbon Tetrachloride	ND<5.6	µg/kg		AEL	AEL97003098	Volatile Organics
Chlorobenzene	ND<5.6	µg/kg		AEL	AEL97003098	Volatile Organics
Chlorodibromomethane	ND<5.6	µg/kg		AEL	AEL97003098	Volatile Organics
Chloroethane	ND<5.6	µg/kg		AEL	AEL97003098	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<5.6	µg/kg		AEL	AEL97003098	Volatile Organics
Chloroform	ND<5.6	µg/kg		AEL	AEL97003098	Volatile Organics
Chlorotoluene,o-	ND<5.6	µg/kg		AEL	AEL97003098	Volatile Organics
Chlorotoluene,p-	ND<5.6	µg/kg		AEL	AEL97003098	Volatile Organics
Dibromomethane	ND<5.6	µg/kg		AEL	AEL97003098	Volatile Organics
Dichlorobenzene,1,2-	ND<5.6	µg/kg		AEL	AEL97003098	Volatile Organics
Dichlorobenzene,1,3-	ND<5.6	µg/kg		AEL	AEL97003098	Volatile Organics
Dichlorobenzene,1,4-	ND<5.6	µg/kg		AEL	AEL97003098	Volatile Organics
Dichlorobromomethane	ND<5.6	µg/kg		AEL	AEL97003098	Volatile Organics
Dichlorodifluoromethane	ND<5.6	µg/kg		AEL	AEL97003098	Volatile Organics
Dichloroethane,1,1-	ND<5.6	µg/kg		AEL	AEL97003098	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: M.E.R.L. Dry Well

Location Identifier NK-SB-271

Dichloroethane,1,2-	ND<5.6	µg/kg	AEL	AEL97003098	Volatile Organics
Dichloroethylene,1,1-	ND<5.6	µg/kg	AEL	AEL97003098	Volatile Organics
Dichloroethylene,1,2-cis-	ND<5.6	µg/kg	AEL	AEL97003098	Volatile Organics
Dichloroethylene,1,2-trans-	ND<5.6	µg/kg	AEL	AEL97003098	Volatile Organics
Dichloropropane,1,2-	ND<5.6	µg/kg	AEL	AEL97003098	Volatile Organics
Dichloropropylene,1,3-cis-	ND<5.6	µg/kg	AEL	AEL97003098	Volatile Organics
Dichloropropylene,1,3-trans-	ND<5.6	µg/kg	AEL	AEL97003098	Volatile Organics
Ethylbenzene	ND<5.6	µg/kg	AEL	AEL97003098	Volatile Organics
Ethylbenzene (mobile)	ND<17.4	µg/kg	LEA	97-1845-345	Volatile Organics
Hexanone,2-	ND<14	µg/kg	AEL	AEL97003098	Volatile Organics
Methyl Bromide	ND<5.6	µg/kg	AEL	AEL97003098	Volatile Organics
Methyl Chloride	ND<5.6	µg/kg	AEL	AEL97003098	Volatile Organics
Methyl Ethyl Ketone	ND<14	µg/kg	AEL	AEL97003098	Volatile Organics
Methyl-2-pentanone,4-	ND<14	µg/kg	AEL	AEL97003098	Volatile Organics
Methyl-tert-butyl Ether	ND<5.6	µg/kg	AEL	AEL97003098	Volatile Organics
Methylene Chloride	ND<14	µg/kg	AEL	AEL97003098	Volatile Organics
Styrene	ND<5.6	µg/kg	AEL	AEL97003098	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<5.6	µg/kg	AEL	AEL97003098	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<5.6	µg/kg	AEL	AEL97003098	Volatile Organics
Tetrachloroethylene	ND<5.6	µg/kg	AEL	AEL97003098	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.9	µg/kg	LEA	97-1845-345	Volatile Organics
Toluene	ND<5.6	µg/kg	AEL	AEL97003098	Volatile Organics
Toluene (mobile)	ND<12.2	µg/kg	LEA	97-1845-345	Volatile Organics
Trichloroethane,1,1,1-	ND<5.6	µg/kg	AEL	AEL97003098	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<219	µg/kg	LEA	97-1845-345	Volatile Organics
Trichloroethane,1,1,2-	ND<5.6	µg/kg	AEL	AEL97003098	Volatile Organics
Trichloroethylene	ND<5.6	µg/kg	AEL	AEL97003098	Volatile Organics
Trichloroethylene (mobile)	ND<21.6	µg/kg	LEA	97-1845-345	Volatile Organics
Trichloromonofluoromethane	ND<5.6	µg/kg	AEL	AEL97003098	Volatile Organics
Trichloropropane,1,2,3-	ND<5.6	µg/kg	AEL	AEL97003098	Volatile Organics
Vinyl Acetate	ND<5.6	µg/kg	AEL	AEL97003098	Volatile Organics
Vinyl Chloride	ND<5.6	µg/kg	AEL	AEL97003098	Volatile Organics
Xylene,o- (mobile)	ND<23.3	µg/kg	LEA	97-1845-345	Volatile Organics
Xylenes (Total)	ND<5.6	µg/kg	AEL	AEL97003098	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.5	µg/kg	LEA	97-1845-345	Volatile Organics

Sample Identifier 1027262 15:42 From 10 to 12 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.95	µg/kg		LEA	97-1846-346	Volatile Organics
Ethylbenzene (mobile)	ND<17.1	µg/kg		LEA	97-1846-346	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.5	µg/kg		LEA	97-1846-346	Volatile Organics
Toluene (mobile)	ND<12.0	µg/kg		LEA	97-1846-346	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<215	µg/kg		LEA	97-1846-346	Volatile Organics
Trichloroethylene (mobile)	ND<21.2	µg/kg		LEA	97-1846-346	Volatile Organics
Xylene,o- (mobile)	ND<22.8	µg/kg		LEA	97-1846-346	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.3	µg/kg		LEA	97-1846-346	Volatile Organics

Sample Identifier 1027284 15:45 From 5 to 6 Ground Water

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class

Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: M.E.R.L. Dry Well

Location Identifier NK-SB-271

Arsenic	ND<0.004	mg/L		AEL	AEL97002695	Metals
Barium	ND<0.050	mg/L		AEL	AEL97002695	Metals
Cadmium	ND<0.0010	mg/L		AEL	AEL97002695	Metals
Chromium	ND<0.050	mg/L		AEL	AEL97002695	Metals
Lead	ND<0.0050	mg/L		AEL	AEL97002695	Metals
Mercury	ND<0.0004	mg/L		AEL	AEL97002695	Metals
Nickel	ND<0.10	mg/L		AEL	AEL97002695	Metals
Selenium	ND<0.010	mg/L		AEL	AEL97002695	Metals
Silver	ND<0.027	mg/L		AEL	AEL97002695	Metals
Zinc	0.084	mg/L		AEL	AEL97002695	Metals
Total Petroleum Hydrocarbons	ND<0.5	mg/L		AEL	AEL97002695	Physical Analysis
Acenaphthene	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Acenaphthylene	ND<1.6	µg/L	MDL	AEL	AEL97002695	Semi-volatile Organics
Anthracene	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Benzidine	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Benzo[a]anthracene	ND<0.82	µg/L	MDL	AEL	AEL97002695	Semi-volatile Organics
Benzo[a]pyrene	ND<0.37	µg/L	MDL	AEL	AEL97002695	Semi-volatile Organics
Benzo[b]fluoranthene	ND<0.51	µg/L	MDL	AEL	AEL97002695	Semi-volatile Organics
Benzo[ghi]perylene	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Benzo[k]fluoranthene	ND<0.60	µg/L	MDL	AEL	AEL97002695	Semi-volatile Organics
Bis(2-chloroethoxy)methane	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Bis(2-chloroethyl) Ether	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Bis(2-ethylhexyl)phthalate	ND<3.4	µg/L	U	AEL	AEL97002695	Semi-volatile Organics
Bromophenyl Phenyl Ether,4-	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Butyl Benzyl Phthalate	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Chloronaphthalene,2-	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Chlorophenol,2-	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Chlorophenyl Phenyl Ether,4-	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Chlorotoluene,p-	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Chrysene	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Di-n-butyl Phthalate	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Di-n-octyl Phthalate	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Dibenzo[a,h]anthracene	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Dichlorobenzene,1,2-	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Dichlorobenzene,1,3-	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Dichlorobenzene,1,4-	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Dichlorobenzidine,3,3'-	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Dichlorophenol,2,4-	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Diethyl Phthalate	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Dimethyl Phthalate	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Dimethylphenol,2,4-	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Dinitro-o-cresol,4,6-	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Dinitrophenol,2,4-	ND<10	µg/L	UJI	AEL	AEL97002695	Semi-volatile Organics
Dinitrotoluene,2,4-	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Dinitrotoluene,2,6-	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Diphenylhydrazine,1,2-	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Fluoranthene	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Fluorene	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Hexachlorobenzene	ND<1.2	µg/L	MDL	AEL	AEL97002695	Semi-volatile Organics

Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: M.E.R.L. Dry Well

Location Identifier NK-SB-271

Hexachlorobutadiene	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Hexachlorocyclopentadiene	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Hexachloroethane	ND<1.2	µg/L	MDL	AEL	AEL97002695	Semi-volatile Organics
Indeno(1,2,3-cd)pyrene	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Isophorone	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
N-nitroso-n-propylamine	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
N-nitrosodimethylamine	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
N-nitrosodiphenylamine	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Naphthalene	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Nitrobenzene	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Nitrophenol,2-	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Nitrophenol,4-	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Pentachlorophenol	ND<0.63	µg/L	MDL	AEL	AEL97002695	Semi-volatile Organics
Phenanthrene	ND<1.1	µg/L	MDL	AEL	AEL97002695	Semi-volatile Organics
Phenol	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Propane),2,2'-oxybis(2-chloro-	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Pyrene	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Trichlorobenzene,1,2,4-	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Trichlorophenol,2,4,6-	ND<10	µg/L		AEL	AEL97002695	Semi-volatile Organics
Acetone	ND<4.0	µg/L		AEL	AEL97002695	Volatile Organics
Acrolein	ND<15	µg/L		AEL	AEL97002695	Volatile Organics
Acrylonitrile	ND<0.65	µg/L		AEL	AEL97002695	Volatile Organics
Benzene	ND<1.0	µg/L		AEL	AEL97002695	Volatile Organics
Bromobenzene	ND<1.0	µg/L		AEL	AEL97002695	Volatile Organics
Bromoform	ND<1.0	µg/L		AEL	AEL97002695	Volatile Organics
Carbon Disulfide	ND<1.0	µg/L		AEL	AEL97002695	Volatile Organics
Carbon Tetrachloride	ND<1.0	µg/L		AEL	AEL97002695	Volatile Organics
Chlorobenzene	ND<1.0	µg/L		AEL	AEL97002695	Volatile Organics
Chlorodibromomethane	ND<0.50	µg/L		AEL	AEL97002695	Volatile Organics
Chloroethane	ND<1.0	µg/L		AEL	AEL97002695	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<1.0	µg/L		AEL	AEL97002695	Volatile Organics
Chloroform	ND<1.0	µg/L		AEL	AEL97002695	Volatile Organics
Chlorotoluene,o-	ND<1.0	µg/L		AEL	AEL97002695	Volatile Organics
Chlorotoluene,p-	ND<1.0	µg/L		AEL	AEL97002695	Volatile Organics
Dibromomethane	ND<1.0	µg/L		AEL	AEL97002695	Volatile Organics
Dichlorobenzene,1,2-	ND<1.0	µg/L		AEL	AEL97002695	Volatile Organics
Dichlorobenzene,1,3-	ND<1.0	µg/L		AEL	AEL97002695	Volatile Organics
Dichlorobenzene,1,4-	ND<1.0	µg/L		AEL	AEL97002695	Volatile Organics
Dichlorobromomethane	ND<1.0	µg/L		AEL	AEL97002695	Volatile Organics
Dichlorodifluoromethane	ND<1.0	µg/L		AEL	AEL97002695	Volatile Organics
Dichloroethane,1,1-	ND<1.0	µg/L		AEL	AEL97002695	Volatile Organics
Dichloroethane,1,2-	ND<1.0	µg/L		AEL	AEL97002695	Volatile Organics
Dichloroethylene,1,1-	ND<1.0	µg/L		AEL	AEL97002695	Volatile Organics
Dichloroethylene,1,2-cis-	ND<1.0	µg/L		AEL	AEL97002695	Volatile Organics
Dichloroethylene,1,2-trans-	ND<1.0	µg/L		AEL	AEL97002695	Volatile Organics
Dichloropropane,1,2-	ND<1.0	µg/L		AEL	AEL97002695	Volatile Organics
Dichloropropylene,1,3-cis-	ND<0.50	µg/L		AEL	AEL97002695	Volatile Organics
Dichloropropylene,1,3-trans-	ND<0.50	µg/L		AEL	AEL97002695	Volatile Organics
Ethylbenzene	ND<1.0	µg/L		AEL	AEL97002695	Volatile Organics

Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: M.E.R.L. Dry Well

Location Identifier NK-SB-271

Hexanone,2-	ND<2.0	µg/L	AEL	AEL97002695	Volatile Organics
Methyl Bromide	ND<1.0	µg/L	AEL	AEL97002695	Volatile Organics
Methyl Chloride	ND<1.0	µg/L	AEL	AEL97002695	Volatile Organics
Methyl Ethyl Ketone	ND<2.0	µg/L	AEL	AEL97002695	Volatile Organics
Methyl-2-pentanone,4-	ND<2.0	µg/L	AEL	AEL97002695	Volatile Organics
Methyl-tert-butyl Ether	ND<1.0	µg/L	AEL	AEL97002695	Volatile Organics
Methylene Chloride	ND<4.0	µg/L	AEL	AEL97002695	Volatile Organics
Styrene	ND<1.0	µg/L	AEL	AEL97002695	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<1.0	µg/L	AEL	AEL97002695	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<0.50	µg/L	AEL	AEL97002695	Volatile Organics
Tetrachloroethylene	ND<1.0	µg/L	AEL	AEL97002695	Volatile Organics
Toluene	ND<1.0	µg/L	AEL	AEL97002695	Volatile Organics
Trichloroethane,1,1,1-	ND<1.0	µg/L	AEL	AEL97002695	Volatile Organics
Trichloroethane,1,1,2-	ND<1.0	µg/L	AEL	AEL97002695	Volatile Organics
Trichloroethylene	ND<1.0	µg/L	AEL	AEL97002695	Volatile Organics
Trichloromonofluoromethane	ND<1.0	µg/L	AEL	AEL97002695	Volatile Organics
Trichloropropane,1,2,3-	ND<1.0	µg/L	AEL	AEL97002695	Volatile Organics
Vinyl Acetate	ND<2.0	µg/L	AEL	AEL97002695	Volatile Organics
Vinyl Chloride	ND<1.0	µg/L	AEL	AEL97002695	Volatile Organics
Xylenes (Total)	ND<1.0	µg/L	AEL	AEL97002695	Volatile Organics

UNIT SPECIFIC TECHNICAL MEMORANDUM: FIRING RANGE
PRATT & WHITNEY, EAST HARTFORD, CT

AREA: South Klondike

SUB-AREA: Firing Range

DRAFT

ENVIRONMENTAL UNIT: Firing Range

Location: South Klondike Area; north of south access road from Perimeter Road (Drawing ___).

Description: A firing range was identified on a land surveyor's map of the South Klondike Area. The firing range consisted of a probable firing mound to the west and a kidney-shaped earthen backstop mound to the east. Based on a review of a 1948 aerial photograph, there were several connecting corridors between the mounds which may have represented devegetated pathways. The earthen backstop mound still exists, and is approximately 20 feet high.

Dates of Operation: Pre-1948 to Unknown

Processes: Firing of firearms or larger guns, bullets would have likely entered the backstop.

Specific Contaminants of Concern: Lead

Area-wide Classes of Contaminants: The RCRA 8 metals plus nickel and zinc.

Potential Release Mechanism: Impacts to soils and groundwater associated with potential leaching from spent munitions within the earthen backstop.

INVESTIGATION AND REMEDIATION ACTIVITIES:

Due to the potential for a release associated with spent munitions within the earthen backstop, a subsurface investigation to determine the degree and extent of soil contamination was performed in November 1996. Prior to 1996, no investigation of the earthen backstop had reportedly been performed. However, a monitoring well was installed in the vicinity of the Firing Range as part of an investigation of groundwater contamination emanating from other units in the South Klondike. This well is discussed as part of this unit because soil samples were collected for laboratory analysis.

August 1996 Investigation (LEA):

Description: On August 26, 1996, a monitoring well (SK-MW-24) was installed at the southern boundary of the Firing Range Area, as shown on Figure ___. Soil samples were collected in continuous 2-foot intervals to the bottom of the boring at 16 feet. The well was screened from 3 to 13 feet.

A total of eight soil samples were submitted to the LEA Analytical Laboratory and screened for the presence of select volatile organic compounds (VOCs). Based on visual, olfactory, or instrument evidence, and with consideration of the potential release mechanism, two samples from the boring were submitted to Averill Environmental Laboratory, Inc. (AEL) and analyzed for the presence of VOCs, semivolatile organic compounds (SVOCs), the RCRA 8 metals plus nickel and zinc, total petroleum hydrocarbons (TPH), and polychlorinated biphenyls (PCBs).

A groundwater sample was collected by LEA on September 11, 1996 from monitoring well SK-MW-24 and was submitted to AEL for analysis for VOCs, the RCRA 8 metals plus nickel and zinc, TPH, and PCBs. In addition, a duplicate groundwater sample was collected and analyzed for the same constituents. A summary of the samples collected and analyses performed is included in Table 1.

Investigation Results: Based on the boring log, groundwater was encountered between 4 and 6 feet during the advancement of the boring. Varved clay was encountered at a depth of 16 feet. No visual or olfactory evidence of contamination was noted on the boring log.

Concentrations of constituents detected in soil samples collected for this unit are presented in Table 2. The highest concentration of each constituent detected above background at each sampling location is shown on Figure ___. No VOCs were detected above the water table in the soil samples from SK-MW-24 analyzed by the LEA Analytical Laboratory. Tetrachloroethylene (PCE) and trichloroethylene (TCE) were detected in SK-MW-24 at a depth of 8 to 10 feet at concentrations of 44 and 28 micrograms per kilogram (μg/kg), respectively. PCE and TCE were detected in SK-MW-24 at 10 to 12 feet at concentrations of 135 and 98 μg/kg, respectively. PCE and TCE were detected in SK-MW-24 at 12 to 14 feet at concentrations of 224 and 179 μg/kg, respectively. PCE and TCE were detected in SK-MW-24 at 14 to 16 feet at concentrations of 64 and 48 μg/kg, respectively.

No VOCs, SVOCs, TPH, or PCBs were detected in the soil samples from SK-MW-24 analyzed by AEL. One or more of the metals analyzed were detected in each of the two soil samples submitted for analysis. These metals include barium, chromium, and zinc.

Concentrations of constituents detected in groundwater samples collected for this unit are presented in Table 3. Several VOCs were detected in the groundwater samples analyzed from well SK-MW-24. Cis-1,2-dichloroethylene (CDCE), trans-1,2-dichloroethylene (TDCE), PCE, 1,1,1-trichloroethane (TCA), TCE, and vinyl chloride (VC) were detected at concentrations of 390, 1.4, 710, 8.8, 580, and 3.2 micrograms per milliliter (μg/l), respectively. CDCE, TDCE, PCE, TCA, TCE, and VC were also detected in the duplicate sample at concentrations of 400, 1.4, 680, 8.7, 550, and 3.0 μg/l, respectively. Two of the metals analyzed were detected in the groundwater sample and duplicate sample submitted for analysis. These metals include barium and zinc (both of which occur naturally in groundwater).

Data Evaluation and Conclusions: Based on a review of the analytical results, there is no evidence that a release to the soil has occurred in the vicinity of well SK-MW-24, and the soil is believed to be adequately characterized.

The data were compared against the default numeric criteria included in the Connecticut Remediation Standard Regulation (RSR) and the site-specific background soil concentrations for the North Klondike for various inorganic constituents (Fuss & O'Neill, 1994). Criteria are established in the RSR based on exposure pathways for various environmental media, including soil and groundwater. This evaluation of the soils data is based on a comparison to the residential and industrial/commercial direct exposure criteria (DEC) and the GB pollutant mobility criteria (PMC) included in the RSR and the site-specific background soil concentrations. The evaluation of the groundwater data is based on a comparison to the surface water protection criteria (SWPC) and the residential and industrial/commercial volatilization criteria included in the RSR.

The concentrations of the metals detected in the soil samples are typical of background concentrations and are not indicative of a release from this unit. For the metals detected in soil, no exceedances of the residential or industrial/commercial direct exposure criteria were noted. For the VOCs detected in the soil, no exceedances of the residential or industrial/commercial direct exposure criteria were noted. Since no VOCs were detected in the soil above the water table, the VOCs can not be compared to the GB pollutant mobility criteria.

For the VOCs detected in groundwater in well SK-MW-24, PCE was detected above the surface water protection criterion of 88 μg/l. TCE was detected above the residential and industrial/commercial volatilization criteria of 219 and 540 μg/l, respectively. VC were detected above the residential and industrial/commercial volatilization criteria (both 2 μg/l). For the metals detected in groundwater, no exceedances of the surface water protection criteria were noted.

Based on the results of the laboratory analyses of soil samples collected, no further soil samples needed to be collected near this well. The groundwater is discussed in greater detail in the *Summary of Groundwater Sampling and Analysis, South Klondike and South Airport Areas*.

November 1996 Investigation (LEA):

Description: On November 5, 1996, two test pits (SK-TP-01 and SK-TP-02) were advanced into the sides of the back stop with a backhoe, as shown on Figure ___. Soil samples were collected from each of the sides and the bottom of each test pit. Measuring from the deepest side in each test pit (the east side), test pit SK-TP-01 was advanced to 9 feet and SK-TP-02 was advanced to 15 feet.

Based on visual, olfactory, or instrument evidence, and with consideration of the potential release mechanism, two samples from each test pit were submitted to AEL and analyzed for the presence of the RCRA 8 metals plus nickel and zinc.

On November 12, 1996, nine shallow soil borings (SK-SB-99 through SK-SB-106) were advanced between the firing mound and the earthen backstop with hand augers to a depth of 2 feet, as shown on Figure ___. Soil samples were collected in one-foot intervals. The first one-foot interval soil sample from each boring was submitted to AEL and analyzed for the presence of the RCRA 8 metals plus nickel and zinc. One soil sample was also submitted from boring SK-SB-102 for analysis for VOCs, based on a slightly elevated photoionization detector (PID) reading. A summary of the samples collected and analyses performed during this investigation is included in Table 1.

Investigation Results: Based on the test pit logs, groundwater was encountered at 6 feet in both test pits. Varved clay was encountered in test pits SK-TP-01 and SK-TP-02 at depths of 9 and 13 feet, respectively. No visual or olfactory evidence of contamination was noted on the test pit logs. No metal bullets or fragments were observed in either test pit. In addition, no visual or olfactory evidence of contamination was noted on the shallow soil boring logs.

Concentrations of constituents detected in soil samples collected for this unit are presented in Table 2. No VOCs were detected in soil boring SK-SB-102. One or more of the metals analyzed were detected in each of the two soil samples submitted for analysis. These metals include arsenic, barium, chromium, and zinc. Also, one or more of the metals analyzed were detected in each of the nine shallow soil boring samples submitted for analysis. These metals include arsenic, barium, chromium, mercury, and zinc.

Data Evaluation and Conclusions: Based on a review of the analytical results, there is no evidence that a release has occurred, and it is believed that the area has been adequately characterized.

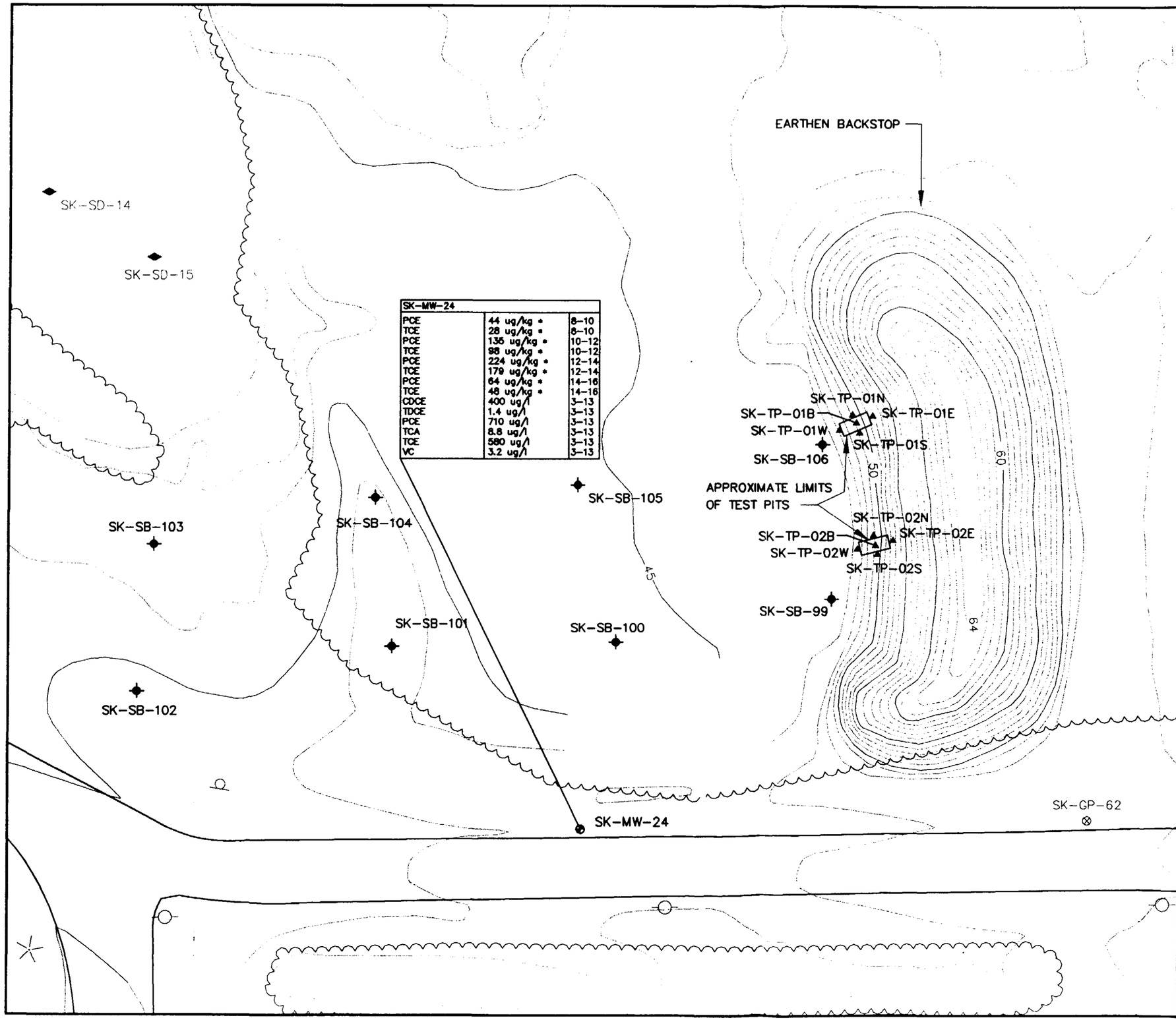
The data were compared against the default numeric criteria included in the RSR and the site-specific background soil concentrations for the North Klondike for various inorganic constituents (Fuss & O'Neill, 1994). Criteria are established in the RSR based on exposure pathways for various environmental media, including soil and groundwater. This evaluation of the soils data is based on a comparison to the residential and industrial/commercial direct exposure criteria (DEC) and the GB pollutant mobility criteria (PMC) included in the RSR and the site-specific background soil concentrations.

The concentrations of the metals detected in the soil samples are typical of background concentrations and are not indicative of a release from this unit. For the metals detected in soil, no exceedances of the residential or industrial/commercial direct exposure criteria were noted.

PROPOSED ACTIONS:

Based on the results of the laboratory analyses of soil samples collected, no further action is warranted for this unit.

In summary, for the VOCs detected in groundwater in well SK-MW-24, PCE was detected above the surface water protection criterion of 88 μg/l. TCE was detected above the residential and industrial/commercial volatilization criteria of 219 and 540 μg/l, respectively. VC were detected above the residential and industrial/commercial volatilization criteria (both 2 μg/l). The source for these VOCs are believed to upgradient of this unit.



LEGEND

- MONITORING WELL
- SOIL BORING
- MICROWELL
- VAPOR EXTRACTION WELL
- SOIL SAMPLE
- SEDIMENT/SLUDGE SURFACE WATER SAMPLE
- TEST PIT

LOCATION IDENTIFIER	CA-5D		
CHEMICAL NAME	PCE	3900 ug/kg *	10-12
	PCE	100 ug/l	10-12
	As	8.25 mg/kg	10-12
	As SPLP	0.010 mg/l	10-12
	Ba	0.028 ug/l	10-12

DEPTH IN FEET

HIGHEST CONCENTRATION OF CONSTITUENT DETECTED IN BORING

NOTES:
SOIL UNITS ARE ug/kg or mg/kg
GROUNDWATER UNITS ARE ug/l or mg/l
SPLP UNITS ARE mg/l
* Indicates analysis by mobile laboratory

ABBREVIATIONS

VOCs

Acetone	ACT
Benzene	BZ
Carbon disulfide	CDIS
Chlorobenzene	CBZ
Chloroform	CFM
Chloroethane	CEA
1,2-Dichlorobenzene	2DCB
1,3-Dichlorobenzene	3DCB
1,4-Dichlorobenzene	4DCB
1,1-Dichloroethane	11DCA
1,2-Dichloroethane	12DCA
1,1-Dichloroethylene	11DCE
1,2-Dichloroethylene	12DCE
Cis-1,2-Dichloroethylene	CDCE
Trans-1,2-Dichloroethylene	TDCE
Ethylbenzene	EBZ
Methyl chloride(Chloromethane)	MCM
Methylene chloride	MC
Methyl ethyl ketone	MEK
Methyl-tert-butyl ether	MTBE
Tetrachloroethylene	PCE
1,1,2,2-Tetrachloroethane	1122TTCA
Toluene	TL
1,1,1-Trichloroethane	TCA
1,1,2-Trichloroethane	112TCA
Trichloroethylene	TCE
Vinyl chloride	VC
Xylenes	XYL

SVOCs

Anthracene	ANTH
Acenaphthene	ACN
Acenaphthylene	ACNE
Benzo[a]anthracene	BA
Benzo[a]pyrene	BAP
Benzo[b]fluoranthene	BBF
Benzo[ghi]perylene	BGP
Benzo[k]fluoranthene	BKF
Bis(2ethylhexyl)phthalate	DEHP
Butyl benzyl phthalate	BBP
Chryseene	CRYS
Dibenzo[a,h]anthracene	DBA
Di-n-butyl phthalate	DBP
Flouranthene	FA
Fluorene	FLE
Indeno(1,2,3-cd)pyrene	IP
Napthalene	NAP
Phenanthrene	PHN
Pyrene	PYR

METALS

Arsenic	As	Lead	Pb
Barium	Ba	Mercury	Hg
Beryllium	Be	Nickel	Ni
Cadmium	Cd	Selenium	Se
Chromium (total)	Cr	Silver	Ag
Copper	Cu	Zinc	Zn

MISC.

Total Petroleum Hydrocarbons	TPH
Polychlorinated Biphenyl	PCB

15 0 15 30 45
SCALE IN FEET

N

AIRPORT/KLONDIKE INVESTIGATION
PRATT & WHITNEY, EAST HARTFORD, CT
FIRING RANGE AREA
FIRING RANGE
LOCATION & CONSTITUENTS DETECTED MAP

Comm.No. PWUNITS	FIG.	LEA

FIRERG 10-6-97

Investigation Results: Based on the test pit logs, groundwater was encountered at 6 feet in both test pits. Varved clay was encountered in test pits SK-TP-01 and SK-TP-02 at depths of 9 and 13 feet, respectively. No visual or olfactory evidence of contamination was noted on the test pit logs. No metal bullets or fragments were observed in either test pit. In addition, no visual or olfactory evidence of contamination was noted on the shallow soil boring logs.

Concentrations of constituents detected in soil samples collected for this unit are presented in Table 2. No VOCs were detected in soil boring SK-SB-102. One or more of the metals analyzed were detected in each of the two soil samples submitted for analysis. These metals include arsenic, barium, chromium, and zinc. Also, one or more of the metals analyzed were detected in each of the nine shallow soil boring samples submitted for analysis. These metals include arsenic, barium, chromium, mercury, and zinc.

Data Evaluation and Conclusions: Based on a review of the analytical results, there is no evidence that a release has occurred, and it is believed that the area has been adequately characterized.

The data were compared against the default numeric criteria included in the RSR and the site-specific background soil concentrations for the North Klondike for various inorganic constituents (Fuss & O'Neill, 1994). Criteria are established in the RSR based on exposure pathways for various environmental media, including soil and groundwater. This evaluation of the soils data is based on a comparison to the residential and industrial/commercial direct exposure criteria (DEC) and the GB pollutant mobility criteria (PMC) included in the RSR and the site-specific background soil concentrations.

The concentrations of the metals detected in the soil samples are typical of background concentrations and are not indicative of a release from this unit. For the metals detected in soil, no exceedances of the residential or industrial/commercial direct exposure criteria were noted.

PROPOSED ACTIONS:

Based on the results of the laboratory analyses of soil samples collected, no further action is warranted for this unit.

In summary, for the VOCs detected in groundwater in well SK-MW-24, PCE was detected above the surface water protection criterion of 88 μg/l. TCE was detected above the residential and industrial/commercial volatilization criteria of 219 and 540 μg/l, respectively. VC were detected above the residential and industrial/commercial volatilization criteria (both 2 μg/l). The source for these VOCs are believed to upgradient of this unit.

Table 1
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION
P&W East Hartford: Firing Range Area

Sample Information						Analysis Information								
Location ID	Sample ID	Sample Date	From (ft)	To (ft)	Class	Portable GC	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides	PCBs	Metals	Extraction	Miscellaneous
SK-MW-24	1017659	8/26/96	0	2	SB	x								
SK-MW-24	1017660	8/26/96	2	4	SB	x	x	x			x	X		x
SK-MW-24	1017661	8/26/96	4	6	SB	x								
SK-MW-24	1017662	8/26/96	6	8	SB	x								
SK-MW-24	1017663	8/26/96	8	10	SB	X								
SK-MW-24	1017664	8/26/96	10	12	SB	X								
SK-MW-24	1017665	8/26/96	12	14	SB	X	x	x			x	X		x
SK-MW-24	1017666	8/26/96	14	16	SB	X								
SK-MW-24	1018177	9/11/96	3.0	13.0	GW		X				x	X		x
SK-MW-24	1018178	9/11/96	3.0	13.0	GW		X				x	X		x
SK-SB-100	1021136	11/12/96	0	1	SB							X		
SK-SB-101	1021138	11/12/96	0	1	SB							X		
SK-SB-102	1021140	11/12/96	0	1	SB		x					X		
SK-SB-103	1021142	11/12/96	0	1	SB							X		
SK-SB-104	1021144	11/12/96	0	1	SB							X		
SK-SB-104	1021145	11/12/96	0	1	SB							X		
SK-SB-105	1021147	11/12/96	0	1	SB							X		
SK-SB-106	1021107	11/12/96	0	1	SB							X		
SK-SB-99	1021134	11/12/96	0	1	SB							X		
SK-TP-01E	1021173	11/ 5/96	9		SS							X		
SK-TP-01S	1021172	11/ 5/96	3		SS							X		
SK-TP-02E	1021178	11/ 5/96	15		SS							X		
SK-TP-02W	1021176	11/ 5/96	3		SS							X		

Notes: 1. Legend: X - Analysed; at least one analyte over the detection limit; x - Analysed, no analytes in group over the detection limit

2. Printed on 10/06/1997

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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOIL
P&W East Hartford: Firing Range Area

	Location ID	SK-MW-24	SK-MW-24	SK-MW-24	SK-MW-24	SK-MW-24	SK-MW-24	SK-SB-100
	Sample ID	1017660	1017663	1017664	1017665	1017665	1017666	1021136
	Sample Date	08/26/1996	08/26/1996	08/26/1996	08/26/1996	08/26/1996	08/26/1996	11/12/1996
	Sample Time	13:45	14:00	14:05	14:10	14:10	14:25	13:20
	Sample Depth	2' - 4'	8' - 10'	10' - 12'	12' - 14'	12' - 14'	14' - 16'	0' - 1'
	Laboratory	AEL	LEA	LEA	AEL	LEA	LEA	AEL
	Lab. Number	AEL96009663	96-4243-196	96-4244-197	AEL96009664	96-4246-199	96-4247-200	AEL96012897
Constituent	Units							
Date Metals Analyzed	-	09/05/1996			09/05/1996			11/19/1996
Date Organics Analyzed	-		08/28/1996	08/28/1996		08/28/1996	08/28/1996	
Arsenic	mg/kg							0.62
Barium	mg/kg	13.6			23.6			19.4
Chromium	mg/kg	6.56						7.74
Mercury	mg/kg							
Zinc	mg/kg	15.2			15.2			53.9
Tetrachloroethylene (mobile)	µg/kg		44	135		224	64	
Trichloroethylene (mobile)	µg/kg		28	98		179	48	

Notes: 1. Only Detects Shown
2. Printed on 10/06/1997

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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOIL
P&W East Hartford: Firing Range Area

	Location ID	SK-SB-101	SK-SB-102	SK-SB-103	SK-SB-104	SK-SB-104	SK-SB-105	SK-SB-106
	Sample ID	1021138	1021140	1021142	1021144	1021145	1021147	1021107
	Sample Date	11/12/1996	11/12/1996	11/12/1996	11/12/1996	11/12/1996	11/12/1996	11/12/1996
	Sample Time	13:30	13:45	14:00	14:10	14:20	14:30	14:50
	Sample Depth	0' - 1'	0' - 1'	0' - 1'	0' - 1'	0' - 1'	0' - 1'	0' - 1'
	Laboratory	AEL	AEL	AEL	AEL	AEL	AEL	AEL
	Lab. Number	AEL96012898	AEL96012899	AEL96012900	AEL96012901	AEL96012902	AEL96012903	AEL96012904
Constituent	Units					-		
Date Metals Analyzed	-	11/19/1996	11/25/1996	11/19/1996	11/19/1996	11/19/1996	11/19/1996	11/19/1996
Date Organics Analyzed	-							
Arsenic	mg/kg		0.942	0.77	0.6			0.83
Barium	mg/kg	17.4	17.7	12.1	15.4	13.8	29.6	34.4
Chromium	mg/kg	6.01	8.2	6.71	8.63	7.21		8.41
Mercury	mg/kg							0.142
Zinc	mg/kg	24.4	19.3	25	35.6	51.4	17.3	30.4
Tetrachloroethylene (mobile)	µg/kg							
Trichloroethylene (mobile)	µg/kg							

Notes: 1. Only Detects Shown
2. Printed on 10/06/1997

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Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOIL
P&W East Hartford: Firing Range Area

	Location ID	SK-SB-99						
	Sample ID	1021134						
	Sample Date	11/12/1996						
	Sample Time	13:00						
	Sample Depth	0' - 1'						
	Laboratory	AEL						
	Lab. Number	AEL96012896						
Constituent	Units							
Date Metals Analyzed	-	11/19/1996						
Date Organics Analyzed	-							
Arsenic	mg/kg							
Barium	mg/kg	30.7						
Chromium	mg/kg	6.51						
Mercury	mg/kg	0.187						
Zinc	mg/kg	18.9						
Tetrachloroethylene (mobile)	µg/kg							
Trichloroethylene (mobile)	µg/kg							

Notes: 1. Only Detects Shown
2. Printed on 10/06/1997

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Table 3
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - GROUNDWATER
P&W East Hartford: Firing Range Area

	Location ID	SK-MW-24	SK-MW-24					
	Sample ID	1018177	1018178					
	Sample Date	09/11/1996	09/11/1996					
	Sample Time	14:10	14:15					
	Sample Depth	3.0' - 13.0'	3.0' - 13.0'					
	Laboratory	AEL	AEL					
	Lab. Number	AEL96010189	AEL96010190					
Constituent	Units							
Depth of Well	FT	15.83	15.83					
Depth to Water	FT	9.12	9.12					
Specific Conductivity (field)	µmhos	137	137					
Water Elevation	FT	40.03	40.03					
pH (field)	SU	6.10	6.10					
Date Metals Analyzed	-	09/16/1996	09/16/1996					
Date Organics Analyzed	-	09/17/1996	09/17/1996					
Barium	mg/L	0.047	0.042					
Zinc	mg/L	0.035	0.012					
Dichloroethylene,1,2-cis-	µg/L	390	400					
Dichloroethylene,1,2-trans-	µg/L	1.4	1.4					
Tetrachloroethylene	µg/L	710	680					
Trichloroethane,1,1,1-	µg/L	8.8	8.7					
Trichloroethylene	µg/L	580	550					
Vinyl Chloride	µg/L	3.2	3.0					

Notes: 1. Only Detects Shown
2. Printed on 10/06/1997

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Table 4
EXCEEDANCES OF SURFACE WATER PROTECTION CRITERIA - GROUNDWATER
P&W East Hartford: Firing Range Area

	Location ID	SK-MW-24	SK-MW-24					
	Sample ID	1018177	1018178					
	Sample Date	09/11/1996	09/11/1996					
	Sample Time	14:10	14:15					
	Sample Depth	3.0' - 13.0'	3.0' - 13.0'					
	Laboratory	AEL	AEL					
	Lab. Number	AEL96010189	AEL96010190					
Constituent	Units							
Depth of Well	FT	15.83	15.83					
Depth to Water	FT	9.12	9.12					
Water Elevation	FT	40.03	40.03					
Date Organics Analyzed	-	09/17/1996	09/17/1996					
Tetrachloroethylene	µg/L	710	680					

Notes: 1. Only Exceedances Shown
2. Printed on 10/06/1997

LEA

Table 5
EXCEEDANCES OF RESIDENTIAL VOLATILIZATION CRITERIA - GROUNDWATER
P&W East Hartford: Firing Range Area

	Location ID	SK-MW-24	SK-MW-24					
	Sample ID	1018177	1018178					
	Sample Date	09/11/1996	09/11/1996					
	Sample Time	14:10	14:15					
	Sample Depth	3.0' - 13.0'	3.0' - 13.0'					
	Laboratory	AEL	AEL					
	Lab. Number	AEL96010189	AEL96010190					
Constituent	Units							
Depth of Well	FT	15.83	15.83					
Depth to Water	FT	9.12	9.12					
Water Elevation	FT	40.03	40.03					
Date Organics Analyzed	-	09/17/1996	09/17/1996					
Trichloroethylene	µg/L	580	550					
Vinyl Chloride	µg/L	3.2	3.0					

Notes: 1. Only Exceedances Shown
2. Printed on 10/06/1997

LEA

Table 6
EXCEEDANCES OF INDUSTRIAL/COMMERCIAL VOLATILIZATION CRITERIA - GROUNDWATER
P&W East Hartford: Firing Range Area

	Location ID	SK-MW-24	SK-MW-24					
	Sample ID	1018177	1018178					
	Sample Date	09/11/1996	09/11/1996					
	Sample Time	14:10	14:15					
	Sample Depth	3.0' - 13.0'	3.0' - 13.0'					
	Laboratory	AEL	AEL					
	Lab. Number	AEL96010189	AEL96010190					
Constituent	Units							
Depth of Well	FT	15.83	15.83					
Depth to Water	FT	9.12	9.12					
Water Elevation	FT	40.03	40.03					
Date Organics Analyzed	-	09/17/1996	09/17/1996					
Trichloroethylene	µg/L	580	550					
Vinyl Chloride	µg/L	3.2	3.0					

Notes: 1. Only Exceedances Shown
2. Printed on 10/06/1997

LEA

LEA Data Management

Location Identifier SK-MW-24

Location Identifier SK-MW-24
Sample Date 8/26/96
Sample Identifier 1017659 13:40 From 0 to 2 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<8.28	µg/kg		LEA	96-4239-192	Volatile Organics
Ethylbenzene (mobile)	ND<17.8	µg/kg		LEA	96-4239-192	Volatile Organics
Tetrachloroethylene (mobile)	ND<22.3	µg/kg		LEA	96-4239-192	Volatile Organics
Toluene (mobile)	ND<12.5	µg/kg		LEA	96-4239-192	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<224	µg/kg		LEA	96-4239-192	Volatile Organics
Trichloroethylene (mobile)	ND<22.0	µg/kg		LEA	96-4239-192	Volatile Organics

Sample Identifier 1017660 13:45 From 2 to 4 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<1.09	mg/kg		AEL	AEL96009663	Metals
Barium	13.6	mg/kg		AEL	AEL96009663	Metals
Cadmium	ND<3.28	mg/kg		AEL	AEL96009663	Metals
Chromium	6.56	mg/kg		AEL	AEL96009663	Metals
Lead	ND<21.9	mg/kg		AEL	AEL96009663	Metals
Mercury	ND<0.219	mg/kg		AEL	AEL96009663	Metals
Nickel	ND<10.9	mg/kg		AEL	AEL96009663	Metals
Selenium	ND<1.09	mg/kg		AEL	AEL96009663	Metals
Silver	ND<5.47	mg/kg		AEL	AEL96009663	Metals
Zinc	15.2	mg/kg		AEL	AEL96009663	Metals
PCB 1016	ND<0.21	mg/kg		AEL	AEL96009663	PCBs
PCB 1221	ND<0.21	mg/kg		AEL	AEL96009663	PCBs
PCB 1232	ND<0.21	mg/kg		AEL	AEL96009663	PCBs
PCB 1242	ND<0.21	mg/kg		AEL	AEL96009663	PCBs
PCB 1248	ND<0.21	mg/kg		AEL	AEL96009663	PCBs
PCB 1254	ND<0.21	mg/kg		AEL	AEL96009663	PCBs
PCB 1260	ND<0.21	mg/kg		AEL	AEL96009663	PCBs
Total Petroleum Hydrocarbons	ND<37.0	mg/kg		AEL	AEL96009663	Physical Analysis
Acenaphthene	ND<370	µg/kg		AEL	AEL96009663	Semi-volatile Organics
Acenaphthylene	ND<370	µg/kg		AEL	AEL96009663	Semi-volatile Organics
Anthracene	ND<370	µg/kg		AEL	AEL96009663	Semi-volatile Organics
Benzidine	ND<370	µg/kg		AEL	AEL96009663	Semi-volatile Organics
Benzo[a]anthracene	ND<370	µg/kg		AEL	AEL96009663	Semi-volatile Organics
Benzo[a]pyrene	ND<370	µg/kg		AEL	AEL96009663	Semi-volatile Organics
Benzo[b]fluoranthene	ND<370	µg/kg		AEL	AEL96009663	Semi-volatile Organics
Benzo[ghi]perylene	ND<370	µg/kg		AEL	AEL96009663	Semi-volatile Organics
Benzo[k]fluoranthene	ND<370	µg/kg		AEL	AEL96009663	Semi-volatile Organics
Bis(2-chloroethoxy)methane	ND<370	µg/kg		AEL	AEL96009663	Semi-volatile Organics
Bis(2-chloroethyl) Ether	ND<370	µg/kg		AEL	AEL96009663	Semi-volatile Organics
Bis(2-ethylhexyl)phthalate	ND<370	µg/kg		AEL	AEL96009663	Semi-volatile Organics
Bromophenyl Phenyl Ether,4-	ND<370	µg/kg		AEL	AEL96009663	Semi-volatile Organics
Butyl Benzyl Phthalate	ND<370	µg/kg		AEL	AEL96009663	Semi-volatile Organics
Chloronaphthalene,2-	ND<370	µg/kg		AEL	AEL96009663	Semi-volatile Organics
Chlorophenol,2-	ND<370	µg/kg		AEL	AEL96009663	Semi-volatile Organics
Chlorophenyl Phenyl Ether,4-	ND<370	µg/kg		AEL	AEL96009663	Semi-volatile Organics
Chrysene	ND<370	µg/kg		AEL	AEL96009663	Semi-volatile Organics
Di-n-butyl Phthalate	ND<370	µg/kg		AEL	AEL96009663	Semi-volatile Organics
Di-n-octyl Phthalate	ND<370	µg/kg		AEL	AEL96009663	Semi-volatile Organics
Dibenzo[a,h]anthracene	ND<370	µg/kg		AEL	AEL96009663	Semi-volatile Organics

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Dichlorobenzidine,3,3'-	ND<370	µg/kg	AEL	AEL96009663	Semi-volatile Organics
Dichlorophenol,2,4-	ND<370	µg/kg	AEL	AEL96009663	Semi-volatile Organics
Diethyl Phthalate	ND<370	µg/kg	AEL	AEL96009663	Semi-volatile Organics
Dimethyl Phthalate	ND<370	µg/kg	AEL	AEL96009663	Semi-volatile Organics
Dimethylphenol,2,4-	ND<370	µg/kg	AEL	AEL96009663	Semi-volatile Organics
Dinitro-o-cresol,4,6-	ND<370	µg/kg	AEL	AEL96009663	Semi-volatile Organics
Dinitrophenol,2,4-	ND<370	µg/kg	AEL	AEL96009663	Semi-volatile Organics
Dinitrotoluene,2,4-	ND<370	µg/kg	AEL	AEL96009663	Semi-volatile Organics
Dinitrotoluene,2,6-	ND<370	µg/kg	AEL	AEL96009663	Semi-volatile Organics
Diphenylhydrazine,1,2-	ND<370	µg/kg	AEL	AEL96009663	Semi-volatile Organics
Fluoranthene	ND<370	µg/kg	AEL	AEL96009663	Semi-volatile Organics
Fluorene	ND<370	µg/kg	AEL	AEL96009663	Semi-volatile Organics
Hexachlorobenzene	ND<370	µg/kg	AEL	AEL96009663	Semi-volatile Organics
Hexachlorobutadiene	ND<370	µg/kg	AEL	AEL96009663	Semi-volatile Organics
Hexachlorocyclopentadiene	ND<370	µg/kg	AEL	AEL96009663	Semi-volatile Organics
Hexachloroethane	ND<370	µg/kg	AEL	AEL96009663	Semi-volatile Organics
Indeno(1,2,3-cd)pyrene	ND<370	µg/kg	AEL	AEL96009663	Semi-volatile Organics
Isophorone	ND<370	µg/kg	AEL	AEL96009663	Semi-volatile Organics
N-nitroso-n-propylamine	ND<370	µg/kg	AEL	AEL96009663	Semi-volatile Organics
N-nitrosodimethylamine	ND<370	µg/kg	AEL	AEL96009663	Semi-volatile Organics
N-nitrosodiphenylamine	ND<370	µg/kg	AEL	AEL96009663	Semi-volatile Organics
Naphthalene	ND<370	µg/kg	AEL	AEL96009663	Semi-volatile Organics
Nitrobenzene	ND<370	µg/kg	AEL	AEL96009663	Semi-volatile Organics
Nitrophenol,2-	ND<370	µg/kg	AEL	AEL96009663	Semi-volatile Organics
Nitrophenol,4-	ND<370	µg/kg	AEL	AEL96009663	Semi-volatile Organics
Pentachlorophenol	ND<370	µg/kg	AEL	AEL96009663	Semi-volatile Organics
Phenanthrene	ND<370	µg/kg	AEL	AEL96009663	Semi-volatile Organics
Propane),2,2'-oxybis(2-chloro-	ND<370	µg/kg	AEL	AEL96009663	Semi-volatile Organics
Pyrene	ND<370	µg/kg	AEL	AEL96009663	Semi-volatile Organics
Trichlorophenol,2,4,6-	ND<370	µg/kg	AEL	AEL96009663	Semi-volatile Organics
Acetone	ND<29	µg/kg	AEL	AEL96009663	Volatile Organics
Acrolein	ND<14	µg/kg	AEL	AEL96009663	Volatile Organics
Acrylonitrile	ND<14	µg/kg	AEL	AEL96009663	Volatile Organics
Benzene	ND<5.5	µg/kg	AEL	AEL96009663	Volatile Organics
Benzene (mobile)	ND<8.46	µg/kg	LEA	96-4240-193	Volatile Organics
Bromobenzene	ND<5.5	µg/kg	AEL	AEL96009663	Volatile Organics
Bromoform	ND<5.5	µg/kg	AEL	AEL96009663	Volatile Organics
Carbon Disulfide	ND<5.5	µg/kg	AEL	AEL96009663	Volatile Organics
Carbon Tetrachloride	ND<5.5	µg/kg	AEL	AEL96009663	Volatile Organics
Chlorobenzene	ND<5.5	µg/kg	AEL	AEL96009663	Volatile Organics
Chlorodibromomethane	ND<5.5	µg/kg	AEL	AEL96009663	Volatile Organics
Chloroethane	ND<5.5	µg/kg	AEL	AEL96009663	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<5.5	µg/kg	AEL	AEL96009663	Volatile Organics
Chloroform	ND<5.5	µg/kg	AEL	AEL96009663	Volatile Organics
Chlorotoluene,o-	ND<5.5	µg/kg	AEL	AEL96009663	Volatile Organics
Chlorotoluene,p-	ND<5.5	µg/kg	AEL	AEL96009663	Volatile Organics
Dibromomethane	ND<5.5	µg/kg	AEL	AEL96009663	Volatile Organics
Dichlorobenzene,1,2-	ND<5.5	µg/kg	AEL	AEL96009663	Volatile Organics
Dichlorobenzene,1,3-	ND<5.5	µg/kg	AEL	AEL96009663	Volatile Organics
Dichlorobenzene,1,4-	ND<5.5	µg/kg	AEL	AEL96009663	Volatile Organics
Dichlorobromomethane	ND<5.5	µg/kg	AEL	AEL96009663	Volatile Organics
Dichlorodifluoromethane	ND<5.5	µg/kg	AEL	AEL96009663	Volatile Organics

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Dichloroethane,1,1-	ND<5.5	µg/kg		AEL	AEL96009663	Volatile Organics
Dichloroethane,1,2-	ND<5.5	µg/kg		AEL	AEL96009663	Volatile Organics
Dichloroethylene,1,1-	ND<5.5	µg/kg		AEL	AEL96009663	Volatile Organics
Dichloroethylene,1,2-cis-	ND<5.5	µg/kg		AEL	AEL96009663	Volatile Organics
Dichloroethylene,1,2-trans-	ND<5.5	µg/kg		AEL	AEL96009663	Volatile Organics
Dichloropropane,1,2-	ND<5.5	µg/kg		AEL	AEL96009663	Volatile Organics
Dichloropropylene,1,3-cis-	ND<5.5	µg/kg		AEL	AEL96009663	Volatile Organics
Dichloropropylene,1,3-trans-	ND<5.5	µg/kg		AEL	AEL96009663	Volatile Organics
Ethylbenzene	ND<5.5	µg/kg		AEL	AEL96009663	Volatile Organics
Ethylbenzene (mobile)	ND<18.2	µg/kg		LEA	96-4240-193	Volatile Organics
Hexanone,2-	ND<14	µg/kg		AEL	AEL96009663	Volatile Organics
Methyl Bromide	ND<5.5	µg/kg		AEL	AEL96009663	Volatile Organics
Methyl Chloride	ND<5.5	µg/kg		AEL	AEL96009663	Volatile Organics
Methyl Ethyl Ketone	ND<14	µg/kg		AEL	AEL96009663	Volatile Organics
Methyl-2-pentanone,4-	ND<14	µg/kg		AEL	AEL96009663	Volatile Organics
Methyl-tert-butyl Ether	ND<5.5	µg/kg		AEL	AEL96009663	Volatile Organics
Methylene Chloride	ND<5.5	µg/kg		AEL	AEL96009663	Volatile Organics
Phenol	ND<370	µg/kg		AEL	AEL96009663	Volatile Organics
Styrene	ND<5.5	µg/kg		AEL	AEL96009663	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<5.5	µg/kg		AEL	AEL96009663	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<5.5	µg/kg		AEL	AEL96009663	Volatile Organics
Tetrachloroethylene	ND<5.5	µg/kg		AEL	AEL96009663	Volatile Organics
Tetrachloroethylene (mobile)	ND<22.8	µg/kg		LEA	96-4240-193	Volatile Organics
Toluene	ND<5.5	µg/kg		AEL	AEL96009663	Volatile Organics
Toluene (mobile)	ND<12.8	µg/kg		LEA	96-4240-193	Volatile Organics
Trichlorobenzene,1,2,4-	ND<370	µg/kg		AEL	AEL96009663	Volatile Organics
Trichloroethane,1,1,1-	ND<5.5	µg/kg		AEL	AEL96009663	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<229	µg/kg		LEA	96-4240-193	Volatile Organics
Trichloroethane,1,1,2-	ND<5.5	µg/kg		AEL	AEL96009663	Volatile Organics
Trichloroethylene	ND<5.5	µg/kg		AEL	AEL96009663	Volatile Organics
Trichloroethylene (mobile)	ND<22.5	µg/kg		LEA	96-4240-193	Volatile Organics
Trichloromonofluoromethane	ND<5.5	µg/kg		AEL	AEL96009663	Volatile Organics
Trichloropropane,1,2,3-	ND<5.5	µg/kg		AEL	AEL96009663	Volatile Organics
Vinyl Acetate	ND<5.5	µg/kg		AEL	AEL96009663	Volatile Organics
Vinyl Chloride	ND<5.5	µg/kg		AEL	AEL96009663	Volatile Organics
Xylenes (Total)	ND<5.5	µg/kg		AEL	AEL96009663	Volatile Organics

Sample Identifier 1017661 13:50 From 4 to 6 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.23	µg/kg		LEA	96-4241-194	Volatile Organics
Ethylbenzene (mobile)	ND<15.5	µg/kg		LEA	96-4241-194	Volatile Organics
Tetrachloroethylene (mobile)	ND<19.5	µg/kg		LEA	96-4241-194	Volatile Organics
Toluene (mobile)	ND<10.9	µg/kg		LEA	96-4241-194	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<195	µg/kg		LEA	96-4241-194	Volatile Organics
Trichloroethylene (mobile)	ND<19.2	µg/kg		LEA	96-4241-194	Volatile Organics

Sample Identifier 1017662 13:55 From 6 to 8 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<8.28	µg/kg		LEA	96-4242-195	Volatile Organics
Ethylbenzene (mobile)	ND<17.8	µg/kg		LEA	96-4242-195	Volatile Organics
Tetrachloroethylene (mobile)	ND<22.3	µg/kg		LEA	96-4242-195	Volatile Organics
Toluene (mobile)	ND<12.5	µg/kg		LEA	96-4242-195	Volatile Organics

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Trichloroethane,1,1,1- (mobile)	ND<224	µg/kg		LEA	96-4242-195	Volatile Organics
Trichloroethylene (mobile)	ND<22.0	µg/kg		LEA	96-4242-195	Volatile Organics

Sample Identifier 1017663 14:00 From 8 to 10 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<8.28	µg/kg		LEA	96-4243-196	Volatile Organics
Ethylbenzene (mobile)	ND<17.8	µg/kg		LEA	96-4243-196	Volatile Organics
Tetrachloroethylene (mobile)	44	µg/kg		LEA	96-4243-196	Volatile Organics
Toluene (mobile)	ND<12.5	µg/kg		LEA	96-4243-196	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<224	µg/kg		LEA	96-4243-196	Volatile Organics
Trichloroethylene (mobile)	28	µg/kg		LEA	96-4243-196	Volatile Organics

Sample Identifier 1017664 14:05 From 10 to 12 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<8.46	µg/kg		LEA	96-4244-197	Volatile Organics
Ethylbenzene (mobile)	ND<18.2	µg/kg		LEA	96-4244-197	Volatile Organics
Tetrachloroethylene (mobile)	135	µg/kg		LEA	96-4244-197	Volatile Organics
Toluene (mobile)	ND<12.8	µg/kg		LEA	96-4244-197	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<229	µg/kg		LEA	96-4244-197	Volatile Organics
Trichloroethylene (mobile)	98	µg/kg		LEA	96-4244-197	Volatile Organics

Sample Identifier 1017665 14:10 From 12 to 14 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<1.2	mg/kg		AEL	AEL96009664	Metals
Barium	23.6	mg/kg		AEL	AEL96009664	Metals
Cadmium	ND<3.61	mg/kg		AEL	AEL96009664	Metals
Chromium	ND<6.02	mg/kg		AEL	AEL96009664	Metals
Lead	ND<24.1	mg/kg		AEL	AEL96009664	Metals
Mercury	ND<0.241	mg/kg		AEL	AEL96009664	Metals
Nickel	ND<12	mg/kg		AEL	AEL96009664	Metals
Selenium	ND<1.2	mg/kg		AEL	AEL96009664	Metals
Silver	ND<6.02	mg/kg		AEL	AEL96009664	Metals
Zinc	15.2	mg/kg		AEL	AEL96009664	Metals
PCB 1016	ND<0.24	mg/kg		AEL	AEL96009664	PCBs
PCB 1221	ND<0.24	mg/kg		AEL	AEL96009664	PCBs
PCB 1232	ND<0.24	mg/kg		AEL	AEL96009664	PCBs
PCB 1242	ND<0.24	mg/kg		AEL	AEL96009664	PCBs
PCB 1248	ND<0.24	mg/kg		AEL	AEL96009664	PCBs
PCB 1254	ND<0.24	mg/kg		AEL	AEL96009664	PCBs
PCB 1260	ND<0.24	mg/kg		AEL	AEL96009664	PCBs
Total Petroleum Hydrocarbons	ND<42.1	mg/kg		AEL	AEL96009664	Physical Analysis
Acenaphthene	ND<410	µg/kg		AEL	AEL96009664	Semi-volatile Organics
Acenaphthylene	ND<410	µg/kg		AEL	AEL96009664	Semi-volatile Organics
Anthracene	ND<410	µg/kg		AEL	AEL96009664	Semi-volatile Organics
Benzidine	ND<410	µg/kg		AEL	AEL96009664	Semi-volatile Organics
Benzo[a]anthracene	ND<410	µg/kg		AEL	AEL96009664	Semi-volatile Organics
Benzo[a]pyrene	ND<410	µg/kg		AEL	AEL96009664	Semi-volatile Organics
Benzo[b]fluoranthene	ND<410	µg/kg		AEL	AEL96009664	Semi-volatile Organics
Benzo[ghi]perylene	ND<410	µg/kg		AEL	AEL96009664	Semi-volatile Organics
Benzo[k]fluoranthene	ND<410	µg/kg		AEL	AEL96009664	Semi-volatile Organics
Bis(2-chloroethoxy)methane	ND<410	µg/kg		AEL	AEL96009664	Semi-volatile Organics
Bis(2-chloroethyl) Ether	ND<410	µg/kg		AEL	AEL96009664	Semi-volatile Organics

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Bis(2-ethylhexyl)phthalate	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Bromophenyl Phenyl Ether,4-	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Butyl Benzyl Phthalate	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Chloronaphthalene,2-	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Chlorophenol,2-	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Chlorophenyl Phenyl Ether,4-	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Chrysene	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Di-n-butyl Phthalate	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Di-n-octyl Phthalate	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Dibenzo[a,h]anthracene	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Dichlorobenzidine,3,3'-	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Dichlorophenol,2,4-	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Diethyl Phthalate	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Dimethyl Phthalate	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Dimethylphenol,2,4-	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Dinitro-o-cresol,4,6-	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Dinitrophenol,2,4-	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Dinitrotoluene,2,4-	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Dinitrotoluene,2,6-	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Diphenylhydrazine,1,2-	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Fluoranthene	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Fluorene	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Hexachlorobenzene	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Hexachlorobutadiene	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Hexachlorocyclopentadiene	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Hexachloroethane	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Indeno(1,2,3-cd)pyrene	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Isophorone	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
N-nitroso-n-propylamine	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
N-nitrosodimethylamine	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
N-nitrosodiphenylamine	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Naphthalene	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Nitrobenzene	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Nitrophenol,2-	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Nitrophenol,4-	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Pentachlorophenol	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Phenanthrene	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Propane),2,2'-oxybis(2-chloro-	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Pyrene	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Trichlorophenol,2,4,6-	ND<410	µg/kg	AEL	AEL96009664	Semi-volatile Organics
Acetone	ND<31	µg/kg	AEL	AEL96009664	Volatile Organics
Acrolein	ND<16	µg/kg	AEL	AEL96009664	Volatile Organics
Acrylonitrile	ND<16	µg/kg	AEL	AEL96009664	Volatile Organics
Benzene	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Benzene (mobile)	ND<8.64	µg/kg	LEA	96-4246-199	Volatile Organics
Bromobenzene	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Bromoform	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Carbon Disulfide	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Carbon Tetrachloride	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Chlorobenzene	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Chlorodibromomethane	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Chloroethane	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics

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Chloroethyl Vinyl Ether,2-	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Chloroform	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Chlorotoluene,o-	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Chlorotoluene,p-	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Dibromomethane	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Dichlorobenzene,1,2-	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Dichlorobenzene,1,3-	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Dichlorobenzene,1,4-	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Dichlorobromomethane	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Dichlorodifluoromethane	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Dichloroethane,1,1-	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Dichloroethane,1,2-	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Dichloroethylene,1,1-	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Dichloroethylene,1,2-cis-	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Dichloroethylene,1,2-trans-	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Dichloropropane,1,2-	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Dichloropropylene,1,3-cis-	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Dichloropropylene,1,3-trans-	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Ethylbenzene	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Ethylbenzene (mobile)	ND<18.6	µg/kg	LEA	96-4246-199	Volatile Organics
Hexanone,2-	ND<16	µg/kg	AEL	AEL96009664	Volatile Organics
Methyl Bromide	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Methyl Chloride	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Methyl Ethyl Ketone	ND<16	µg/kg	AEL	AEL96009664	Volatile Organics
Methyl-2-pentanone,4-	ND<16	µg/kg	AEL	AEL96009664	Volatile Organics
Methyl-tert-butyl Ether	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Methylene Chloride	ND<14	µg/kg	AEL	AEL96009664	Volatile Organics
Phenol	ND<410	µg/kg	AEL	AEL96009664	Volatile Organics
Styrene	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Tetrachloroethylene	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Tetrachloroethylene (mobile)	224	µg/kg	LEA	96-4246-199	Volatile Organics
Toluene	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Toluene (mobile)	ND<13.0	µg/kg	LEA	96-4246-199	Volatile Organics
Trichlorobenzene,1,2,4-	ND<410	µg/kg	AEL	AEL96009664	Volatile Organics
Trichloroethane,1,1,1-	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<233	µg/kg	LEA	96-4246-199	Volatile Organics
Trichloroethane,1,1,2-	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Trichloroethylene	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Trichloroethylene (mobile)	179	µg/kg	LEA	96-4246-199	Volatile Organics
Trichloromonofluoromethane	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Trichloropropane,1,2,3-	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Vinyl Acetate	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Vinyl Chloride	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics
Xylenes (Total)	ND<6.3	µg/kg	AEL	AEL96009664	Volatile Organics

Sample Identifier 1017666 14:25 From 14 to 16 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<6.85	µg/kg		LEA	96-4247-200	Volatile Organics
Ethylbenzene (mobile)	ND<14.7	µg/kg		LEA	96-4247-200	Volatile Organics
Tetrachloroethylene (mobile)	64	µg/kg		LEA	96-4247-200	Volatile Organics

LEA Data Management

Location Identifier SK-MW-24

Toluene (mobile)	ND<10.3	µg/kg	LEA	96-4247-200	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<185	µg/kg	LEA	96-4247-200	Volatile Organics
Trichloroethylene (mobile)	48	µg/kg	LEA	96-4247-200	Volatile Organics

Sample Date 9/11/96
Sample Identifier 1018177 14:10 Ground Water

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<0.004	mg/L		AEL	AEL96010189	Metals
Barium	0.047	mg/L		AEL	AEL96010189	Metals
Cadmium	ND<0.0010	mg/L		AEL	AEL96010189	Metals
Chromium	ND<0.010	mg/L		AEL	AEL96010189	Metals
Lead	ND<0.0050	mg/L		AEL	AEL96010189	Metals
Mercury	ND<0.0004	mg/L		AEL	AEL96010189	Metals
Nickel	ND<0.020	mg/L		AEL	AEL96010189	Metals
Selenium	ND<0.010	mg/L		AEL	AEL96010189	Metals
Silver	ND<0.010	mg/L		AEL	AEL96010189	Metals
Zinc	0.035	mg/L		AEL	AEL96010189	Metals
PCB 1016	ND<0.4	µg/L		AEL	AEL96010189	PCBs
PCB 1221	ND<0.4	µg/L		AEL	AEL96010189	PCBs
PCB 1232	ND<0.4	µg/L		AEL	AEL96010189	PCBs
PCB 1242	ND<0.4	µg/L		AEL	AEL96010189	PCBs
PCB 1248	ND<0.4	µg/L		AEL	AEL96010189	PCBs
PCB 1254	ND<0.4	µg/L		AEL	AEL96010189	PCBs
PCB 1260	ND<0.4	µg/L		AEL	AEL96010189	PCBs
Total Petroleum Hydrocarbons	ND<0.5	mg/L		AEL	AEL96010189	Physical Analysis
Acetone	ND<30	µg/L		AEL	AEL96010189	Volatile Organics
Acrolein	ND<15	µg/L		AEL	AEL96010189	Volatile Organics
Acrylonitrile	ND<0.65	µg/L		AEL	AEL96010189	Volatile Organics
Benzene	ND<1.0	µg/L		AEL	AEL96010189	Volatile Organics
Bromobenzene	ND<1.0	µg/L		AEL	AEL96010189	Volatile Organics
Bromoform	ND<1.0	µg/L		AEL	AEL96010189	Volatile Organics
Carbon Disulfide	ND<1.0	µg/L		AEL	AEL96010189	Volatile Organics
Carbon Tetrachloride	ND<1.0	µg/L		AEL	AEL96010189	Volatile Organics
Chlorobenzene	ND<1.0	µg/L		AEL	AEL96010189	Volatile Organics
Chlorodibromomethane	ND<0.50	µg/L		AEL	AEL96010189	Volatile Organics
Chloroethane	ND<1.0	µg/L		AEL	AEL96010189	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<1.0	µg/L		AEL	AEL96010189	Volatile Organics
Chloroform	ND<2.0	µg/L		AEL	AEL96010189	Volatile Organics
Chlorotoluene,o-	ND<1.0	µg/L		AEL	AEL96010189	Volatile Organics
Chlorotoluene,p-	ND<1.0	µg/L		AEL	AEL96010189	Volatile Organics
Dibromomethane	ND<1.0	µg/L		AEL	AEL96010189	Volatile Organics
Dichlorobenzene,1,2-	ND<1.0	µg/L		AEL	AEL96010189	Volatile Organics
Dichlorobenzene,1,3-	ND<1.0	µg/L		AEL	AEL96010189	Volatile Organics
Dichlorobenzene,1,4-	ND<1.0	µg/L		AEL	AEL96010189	Volatile Organics
Dichlorobromomethane	ND<1.0	µg/L		AEL	AEL96010189	Volatile Organics
Dichlorodifluoromethane	ND<1.0	µg/L		AEL	AEL96010189	Volatile Organics
Dichloroethane,1,1-	ND<1.0	µg/L	N1	AEL	AEL96010189	Volatile Organics
Dichloroethane,1,2-	ND<1.0	µg/L		AEL	AEL96010189	Volatile Organics
Dichloroethylene,1,1-	ND<1.0	µg/L	N1	AEL	AEL96010189	Volatile Organics
Dichloroethylene,1,2-cis-	390	µg/L		AEL	AEL96010189	Volatile Organics
Dichloroethylene,1,2-trans-	1.4	µg/L		AEL	AEL96010189	Volatile Organics

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Dichloropropane,1,2-	ND<1.0	µg/L		AEL	AEL96010189	Volatile Organics
Dichloropropylene,1,3-cis-	ND<0.50	µg/L		AEL	AEL96010189	Volatile Organics
Dichloropropylene,1,3-trans-	ND<0.50	µg/L		AEL	AEL96010189	Volatile Organics
Ethylbenzene	ND<1.0	µg/L		AEL	AEL96010189	Volatile Organics
Hexanone,2-	ND<2.0	µg/L		AEL	AEL96010189	Volatile Organics
Methyl Bromide	ND<1.0	µg/L		AEL	AEL96010189	Volatile Organics
Methyl Chloride	ND<1.0	µg/L		AEL	AEL96010189	Volatile Organics
Methyl Ethyl Ketone	ND<2.0	µg/L		AEL	AEL96010189	Volatile Organics
Methyl-2-pentanone,4-	ND<2.0	µg/L		AEL	AEL96010189	Volatile Organics
Methyl-tert-butyl Ether	ND<1.0	µg/L		AEL	AEL96010189	Volatile Organics
Methylene Chloride	ND<3.0	µg/L		AEL	AEL96010189	Volatile Organics
Styrene	ND<1.0	µg/L		AEL	AEL96010189	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<1.0	µg/L		AEL	AEL96010189	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<0.50	µg/L		AEL	AEL96010189	Volatile Organics
Tetrachloroethylene	710	µg/L		AEL	AEL96010189	Volatile Organics
Toluene	ND<1.0	µg/L		AEL	AEL96010189	Volatile Organics
Trichloroethane,1,1,1-	8.8	µg/L		AEL	AEL96010189	Volatile Organics
Trichloroethane,1,1,2-	ND<1.0	µg/L		AEL	AEL96010189	Volatile Organics
Trichloroethylene	580	µg/L		AEL	AEL96010189	Volatile Organics
Trichloromonofluoromethane	ND<1.0	µg/L		AEL	AEL96010189	Volatile Organics
Trichloropropane,1,2,3-	ND<1.0	µg/L		AEL	AEL96010189	Volatile Organics
Vinyl Acetate	ND<2.0	µg/L		AEL	AEL96010189	Volatile Organics
Vinyl Chloride	3.2	µg/L		AEL	AEL96010189	Volatile Organics
Xylenes (Total)	ND<1.0	µg/L		AEL	AEL96010189	Volatile Organics

Sample Identifier 1018178 14:15 Ground Water

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<0.004	mg/L		AEL	AEL96010190	Metals
Barium	0.042	mg/L		AEL	AEL96010190	Metals
Cadmium	ND<0.0010	mg/L		AEL	AEL96010190	Metals
Chromium	ND<0.010	mg/L		AEL	AEL96010190	Metals
Lead	ND<0.0050	mg/L		AEL	AEL96010190	Metals
Mercury	ND<0.0004	mg/L		AEL	AEL96010190	Metals
Nickel	ND<0.020	mg/L		AEL	AEL96010190	Metals
Selenium	ND<0.010	mg/L		AEL	AEL96010190	Metals
Silver	ND<0.010	mg/L		AEL	AEL96010190	Metals
Zinc	0.012	mg/L		AEL	AEL96010190	Metals
PCB 1016	ND<0.4	µg/L		AEL	AEL96010190	PCBs
PCB 1221	ND<0.4	µg/L		AEL	AEL96010190	PCBs
PCB 1232	ND<0.4	µg/L		AEL	AEL96010190	PCBs
PCB 1242	ND<0.4	µg/L		AEL	AEL96010190	PCBs
PCB 1248	ND<0.4	µg/L		AEL	AEL96010190	PCBs
PCB 1254	ND<0.4	µg/L		AEL	AEL96010190	PCBs
PCB 1260	ND<0.4	µg/L		AEL	AEL96010190	PCBs
Total Petroleum Hydrocarbons	ND<0.5	mg/L		AEL	AEL96010190	Physical Analysis
Acetone	ND<30	µg/L		AEL	AEL96010190	Volatile Organics
Acrolein	ND<15	µg/L		AEL	AEL96010190	Volatile Organics
Acrylonitrile	ND<0.65	µg/L		AEL	AEL96010190	Volatile Organics
Benzene	ND<1.0	µg/L		AEL	AEL96010190	Volatile Organics
Bromobenzene	ND<1.0	µg/L		AEL	AEL96010190	Volatile Organics
Bromoform	ND<1.0	µg/L		AEL	AEL96010190	Volatile Organics
Carbon Disulfide	ND<1.0	µg/L		AEL	AEL96010190	Volatile Organics

LEA Data Management

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Carbon Tetrachloride	ND<1.0	µg/L		AEL	AEL96010190	Volatile Organics
Chlorobenzene	ND<1.0	µg/L		AEL	AEL96010190	Volatile Organics
Chlorodibromomethane	ND<0.50	µg/L		AEL	AEL96010190	Volatile Organics
Chloroethane	ND<1.0	µg/L		AEL	AEL96010190	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<1.0	µg/L		AEL	AEL96010190	Volatile Organics
Chloroform	ND<3.0	µg/L		AEL	AEL96010190	Volatile Organics
Chlorotoluene,o-	ND<1.0	µg/L		AEL	AEL96010190	Volatile Organics
Chlorotoluene,p-	ND<1.0	µg/L		AEL	AEL96010190	Volatile Organics
Dibromomethane	ND<1.0	µg/L		AEL	AEL96010190	Volatile Organics
Dichlorobenzene,1,2-	ND<1.0	µg/L		AEL	AEL96010190	Volatile Organics
Dichlorobenzene,1,3-	ND<1.0	µg/L		AEL	AEL96010190	Volatile Organics
Dichlorobenzene,1,4-	ND<1.0	µg/L		AEL	AEL96010190	Volatile Organics
Dichlorobromomethane	ND<1.0	µg/L		AEL	AEL96010190	Volatile Organics
Dichlorodifluoromethane	ND<1.0	µg/L		AEL	AEL96010190	Volatile Organics
Dichloroethane,1,1-	ND<1.0	µg/L	N1	AEL	AEL96010190	Volatile Organics
Dichloroethane,1,2-	ND<1.0	µg/L		AEL	AEL96010190	Volatile Organics
Dichloroethylene,1,1-	ND<1.0	µg/L	N1	AEL	AEL96010190	Volatile Organics
Dichloroethylene,1,2-cis-	400	µg/L		AEL	AEL96010190	Volatile Organics
Dichloroethylene,1,2-trans-	1.4	µg/L		AEL	AEL96010190	Volatile Organics
Dichloropropane,1,2-	ND<1.0	µg/L		AEL	AEL96010190	Volatile Organics
Dichloropropylene,1,3-cis-	ND<0.50	µg/L		AEL	AEL96010190	Volatile Organics
Dichloropropylene,1,3-trans-	ND<0.50	µg/L		AEL	AEL96010190	Volatile Organics
Ethylbenzene	ND<1.0	µg/L		AEL	AEL96010190	Volatile Organics
Hexanone,2-	ND<2.0	µg/L		AEL	AEL96010190	Volatile Organics
Methyl Bromide	ND<1.0	µg/L		AEL	AEL96010190	Volatile Organics
Methyl Chloride	ND<1.0	µg/L		AEL	AEL96010190	Volatile Organics
Methyl Ethyl Ketone	ND<2.0	µg/L		AEL	AEL96010190	Volatile Organics
Methyl-2-pentanone,4-	ND<2.0	µg/L		AEL	AEL96010190	Volatile Organics
Methyl-tert-butyl Ether	ND<1.0	µg/L		AEL	AEL96010190	Volatile Organics
Methylene Chloride	ND<3.0	µg/L		AEL	AEL96010190	Volatile Organics
Styrene	ND<1.0	µg/L		AEL	AEL96010190	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<1.0	µg/L		AEL	AEL96010190	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<0.50	µg/L		AEL	AEL96010190	Volatile Organics
Tetrachloroethylene	680	µg/L		AEL	AEL96010190	Volatile Organics
Toluene	ND<1.0	µg/L		AEL	AEL96010190	Volatile Organics
Trichloroethane,1,1,1-	8.7	µg/L		AEL	AEL96010190	Volatile Organics
Trichloroethane,1,1,2-	ND<1.0	µg/L		AEL	AEL96010190	Volatile Organics
Trichloroethylene	550	µg/L		AEL	AEL96010190	Volatile Organics
Trichloromonofluoromethane	ND<1.0	µg/L		AEL	AEL96010190	Volatile Organics
Trichloropropane,1,2,3-	ND<1.0	µg/L		AEL	AEL96010190	Volatile Organics
Vinyl Acetate	ND<2.0	µg/L		AEL	AEL96010190	Volatile Organics
Vinyl Chloride	3.0	µg/L		AEL	AEL96010190	Volatile Organics
Xylenes (Total)	ND<1.0	µg/L		AEL	AEL96010190	Volatile Organics

Location Identifier SK-SB-100
Sample Date 11/12/96
Sample Identifier 1021136 13:20 From 0 to 1 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	0.62	mg/kg		AEL	AEL96012897	Metals
Barium	19.4	mg/kg		AEL	AEL96012897	Metals

LEA Data Management

Location Identifier SK-SB-100

Cadmium	ND<3.68	mg/kg		AEL	AEL96012897	Metals
Chromium	7.74	mg/kg		AEL	AEL96012897	Metals
Lead	ND<24.6	mg/kg		AEL	AEL96012897	Metals
Mercury	ND<0.10	mg/kg		AEL	AEL96012897	Metals
Nickel	ND<12.3	mg/kg		AEL	AEL96012897	Metals
Selenium	ND<1.23	mg/kg		AEL	AEL96012897	Metals
Silver	ND<6.14	mg/kg		AEL	AEL96012897	Metals
Zinc	53.9	mg/kg		AEL	AEL96012897	Metals

Location Identifier SK-SB-101
Sample Date 11/12/96
Sample Identifier 1021138 13:30 From 0 to 1 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<0.4	mg/kg		AEL	AEL96012898	Metals
Barium	17.4	mg/kg		AEL	AEL96012898	Metals
Cadmium	ND<3.28	mg/kg		AEL	AEL96012898	Metals
Chromium	6.01	mg/kg		AEL	AEL96012898	Metals
Lead	ND<21.9	mg/kg		AEL	AEL96012898	Metals
Mercury	ND<0.09	mg/kg		AEL	AEL96012898	Metals
Nickel	ND<10.9	mg/kg		AEL	AEL96012898	Metals
Selenium	ND<1.09	mg/kg		AEL	AEL96012898	Metals
Silver	ND<5.46	mg/kg		AEL	AEL96012898	Metals
Zinc	24.4	mg/kg		AEL	AEL96012898	Metals

Location Identifier SK-SB-102
Sample Date 11/12/96
Sample Identifier 1021140 13:45 From 0 to 1 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	0.942	mg/kg		AEL	AEL96012899	Metals
Barium	17.7	mg/kg		AEL	AEL96012899	Metals
Cadmium	ND<3.08	mg/kg		AEL	AEL96012899	Metals
Chromium	8.2	mg/kg		AEL	AEL96012899	Metals
Lead	ND<20.5	mg/kg		AEL	AEL96012899	Metals
Mercury	ND<0.0205	mg/kg		AEL	AEL96012899	Metals
Nickel	ND<10.3	mg/kg		AEL	AEL96012899	Metals
Selenium	ND<1.03	mg/kg		AEL	AEL96012899	Metals
Silver	ND<5.13	mg/kg		AEL	AEL96012899	Metals
Zinc	19.3	mg/kg		AEL	AEL96012899	Metals
Acetone	ND<28	µg/kg		AEL	AEL96012899	Volatile Organics
Acrolein	ND<14	µg/kg		AEL	AEL96012899	Volatile Organics
Acrylonitrile	ND<14	µg/kg		AEL	AEL96012899	Volatile Organics
Benzene	ND<5.6	µg/kg		AEL	AEL96012899	Volatile Organics
Bromobenzene	ND<5.6	µg/kg		AEL	AEL96012899	Volatile Organics
Bromoform	ND<5.6	µg/kg		AEL	AEL96012899	Volatile Organics
Carbon Disulfide	ND<5.6	µg/kg		AEL	AEL96012899	Volatile Organics
Carbon Tetrachloride	ND<5.6	µg/kg		AEL	AEL96012899	Volatile Organics
Chlorobenzene	ND<5.6	µg/kg		AEL	AEL96012899	Volatile Organics

LEA Data Management

Location Identifier SK-SB-102

Chlorodibromomethane	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Chloroethane	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Chloroform	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Chlorotoluene,o-	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Chlorotoluene,p-	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Dibromomethane	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Dichlorobenzene,1,2-	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Dichlorobenzene,1,3-	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Dichlorobenzene,1,4-	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Dichlorobromomethane	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Dichlorodifluoromethane	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Dichloroethane,1,1-	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Dichloroethane,1,2-	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Dichloroethylene,1,1-	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Dichloroethylene,1,2-cis-	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Dichloroethylene,1,2-trans-	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Dichloropropane,1,2-	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Dichloropropylene,1,3-cis-	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Dichloropropylene,1,3-trans-	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Ethylbenzene	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Hexanone,2-	ND<14	µg/kg	AEL	AEL96012899	Volatile Organics
Methyl Bromide	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Methyl Chloride	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Methyl Ethyl Ketone	ND<14	µg/kg	AEL	AEL96012899	Volatile Organics
Methyl-2-pentanone,4-	ND<14	µg/kg	AEL	AEL96012899	Volatile Organics
Methyl-tert-butyl Ether	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Methylene Chloride	ND<7.0	µg/kg	AEL	AEL96012899	Volatile Organics
Styrene	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Tetrachloroethylene	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Toluene	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Trichloroethane,1,1,1-	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Trichloroethane,1,1,2-	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Trichloroethylene	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Trichloromonofluoromethane	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Trichloropropane,1,2,3-	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Vinyl Acetate	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Vinyl Chloride	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics
Xylenes (Total)	ND<5.6	µg/kg	AEL	AEL96012899	Volatile Organics

Location Identifier SK-SB-103
Sample Date 11/12/96
Sample Identifier 1021142 14:00 From 0 to 1 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	0.77	mg/kg		AEL	AEL96012900	Metals
Barium	12.1	mg/kg		AEL	AEL96012900	Metals
Cadmium	ND<3.41	mg/kg		AEL	AEL96012900	Metals
Chromium	6.71	mg/kg		AEL	AEL96012900	Metals

LEA Data Management

Location Identifier SK-SB-103

Lead	ND<22.7	mg/kg	AEL	AEL96012900	Metals
Mercury	ND<0.09	mg/kg	AEL	AEL96012900	Metals
Nickel	ND<11.4	mg/kg	AEL	AEL96012900	Metals
Selenium	ND<1.14	mg/kg	AEL	AEL96012900	Metals
Silver	ND<5.68	mg/kg	AEL	AEL96012900	Metals
Zinc	25	mg/kg	AEL	AEL96012900	Metals

Location Identifier SK-SB-104

Sample Date 11/12/96

Sample Identifier 1021144 14:10 From 0 to 1 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	0.6	mg/kg		AEL	AEL96012901	Metals
Barium	15.4	mg/kg		AEL	AEL96012901	Metals
Cadmium	ND<3.28	mg/kg		AEL	AEL96012901	Metals
Chromium	8.63	mg/kg		AEL	AEL96012901	Metals
Lead	ND<21.8	mg/kg		AEL	AEL96012901	Metals
Mercury	ND<0.09	mg/kg		AEL	AEL96012901	Metals
Nickel	ND<10.9	mg/kg		AEL	AEL96012901	Metals
Selenium	ND<1.09	mg/kg		AEL	AEL96012901	Metals
Silver	ND<5.46	mg/kg		AEL	AEL96012901	Metals
Zinc	35.6	mg/kg		AEL	AEL96012901	Metals

Sample Identifier 1021145 14:20 From 0 to 1 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<0.43	mg/kg		AEL	AEL96012902	Metals
Barium	13.8	mg/kg		AEL	AEL96012902	Metals
Cadmium	ND<3.23	mg/kg		AEL	AEL96012902	Metals
Chromium	7.21	mg/kg		AEL	AEL96012902	Metals
Lead	ND<21.5	mg/kg		AEL	AEL96012902	Metals
Mercury	ND<0.09	mg/kg		AEL	AEL96012902	Metals
Nickel	ND<10.8	mg/kg		AEL	AEL96012902	Metals
Selenium	ND<1.08	mg/kg		AEL	AEL96012902	Metals
Silver	ND<5.38	mg/kg		AEL	AEL96012902	Metals
Zinc	51.4	mg/kg		AEL	AEL96012902	Metals

Location Identifier SK-SB-105

Sample Date 11/12/96

Sample Identifier 1021147 14:30 From 0 to 1 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<0.5	mg/kg		AEL	AEL96012903	Metals
Barium	29.6	mg/kg		AEL	AEL96012903	Metals
Cadmium	ND<3.88	mg/kg		AEL	AEL96012903	Metals
Chromium	ND<6.47	mg/kg		AEL	AEL96012903	Metals
Lead	ND<25.9	mg/kg		AEL	AEL96012903	Metals
Mercury	ND<0.104	mg/kg		AEL	AEL96012903	Metals
Nickel	ND<12.9	mg/kg		AEL	AEL96012903	Metals
Selenium	ND<1.29	mg/kg		AEL	AEL96012903	Metals

LEA Data Management

Location Identifier SK-SB-105

Silver	ND<6.47	mg/kg		AEL	AEL96012903	Metals
Zinc	17.3	mg/kg		AEL	AEL96012903	Metals

Location Identifier SK-SB-106
Sample Date 11/12/96
Sample Identifier 1021107 14:50 From 0 to 1 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	0.83	mg/kg		AEL	AEL96012904	Metals
Barium	34.4	mg/kg		AEL	AEL96012904	Metals
Cadmium	ND<3.94	mg/kg		AEL	AEL96012904	Metals
Chromium	8.41	mg/kg		AEL	AEL96012904	Metals
Lead	ND<26.3	mg/kg		AEL	AEL96012904	Metals
Mercury	0.142	mg/kg		AEL	AEL96012904	Metals
Nickel	ND<13.1	mg/kg		AEL	AEL96012904	Metals
Selenium	ND<1.31	mg/kg		AEL	AEL96012904	Metals
Silver	ND<6.57	mg/kg		AEL	AEL96012904	Metals
Zinc	30.4	mg/kg		AEL	AEL96012904	Metals

Location Identifier SK-SB-99
Sample Date 11/12/96
Sample Identifier 1021134 13:00 From 0 to 1 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<0.5	mg/kg		AEL	AEL96012896	Metals
Barium	30.7	mg/kg		AEL	AEL96012896	Metals
Cadmium	ND<3.9	mg/kg		AEL	AEL96012896	Metals
Chromium	6.51	mg/kg		AEL	AEL96012896	Metals
Lead	ND<26	mg/kg		AEL	AEL96012896	Metals
Mercury	0.187	mg/kg		AEL	AEL96012896	Metals
Nickel	ND<13	mg/kg		AEL	AEL96012896	Metals
Selenium	ND<1.3	mg/kg		AEL	AEL96012896	Metals
Silver	ND<6.51	mg/kg		AEL	AEL96012896	Metals
Zinc	18.9	mg/kg		AEL	AEL96012896	Metals

Location Identifier SK-TP-01E
Sample Date 11/ 5/96
Sample Identifier 1021173 11:00 At 9 Soil Sample

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	1.91	mg/kg		AEL	AEL96012712	Metals
Barium	21.2	mg/kg		AEL	AEL96012712	Metals
Cadmium	ND<3.55	mg/kg		AEL	AEL96012712	Metals
Chromium	6.99	mg/kg		AEL	AEL96012712	Metals
Lead	ND<23.7	mg/kg		AEL	AEL96012712	Metals
Mercury	ND<0.237	mg/kg		AEL	AEL96012712	Metals
Nickel	ND<11.8	mg/kg		AEL	AEL96012712	Metals
Selenium	ND<1.18	mg/kg		AEL	AEL96012712	Metals

LEA Data Management

Location Identifier SK-TP-01E

Silver	ND<5.92	mg/kg	AEL	AEL96012712	Metals
Zinc	12.8	mg/kg	AEL	AEL96012712	Metals

Location Identifier SK-TP-01S
Sample Date 11/ 5/96
Sample Identifier 1021172 10:53 At 3 Soil Sample

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	2.66	mg/kg		AEL	AEL96012711	Metals
Barium	27	mg/kg		AEL	AEL96012711	Metals
Cadmium	ND<3.82	mg/kg		AEL	AEL96012711	Metals
Chromium	8.91	mg/kg		AEL	AEL96012711	Metals
Lead	ND<25.5	mg/kg		AEL	AEL96012711	Metals
Mercury	ND<0.255	mg/kg		AEL	AEL96012711	Metals
Nickel	ND<12.7	mg/kg		AEL	AEL96012711	Metals
Selenium	ND<1.27	mg/kg		AEL	AEL96012711	Metals
Silver	ND<6.37	mg/kg		AEL	AEL96012711	Metals
Zinc	15.7	mg/kg		AEL	AEL96012711	Metals

Location Identifier SK-TP-02E
Sample Date 11/ 5/96
Sample Identifier 1021178 11:29 At 15 Soil Sample

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	2.57	mg/kg		AEL	AEL96012714	Metals
Barium	34.4	mg/kg		AEL	AEL96012714	Metals
Cadmium	ND<3.33	mg/kg		AEL	AEL96012714	Metals
Chromium	9.88	mg/kg		AEL	AEL96012714	Metals
Lead	ND<22.2	mg/kg		AEL	AEL96012714	Metals
Mercury	ND<0.222	mg/kg		AEL	AEL96012714	Metals
Nickel	ND<11.1	mg/kg		AEL	AEL96012714	Metals
Selenium	ND<1.11	mg/kg		AEL	AEL96012714	Metals
Silver	ND<5.55	mg/kg		AEL	AEL96012714	Metals
Zinc	13.7	mg/kg		AEL	AEL96012714	Metals

Location Identifier SK-TP-02W
Sample Date 11/ 5/96
Sample Identifier 1021176 11:17 At 3 Soil Sample

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	2.22	mg/kg		AEL	AEL96012713	Metals
Barium	22.1	mg/kg		AEL	AEL96012713	Metals
Cadmium	ND<3.52	mg/kg		AEL	AEL96012713	Metals
Chromium	8.79	mg/kg		AEL	AEL96012713	Metals
Lead	ND<23.4	mg/kg		AEL	AEL96012713	Metals
Mercury	ND<0.234	mg/kg		AEL	AEL96012713	Metals
Nickel	ND<11.7	mg/kg		AEL	AEL96012713	Metals
Selenium	ND<1.17	mg/kg		AEL	AEL96012713	Metals

Data Management

Location Identifier SK-TP-02W

Silver	ND<5.86	mg/kg	AEL	AEL96012713	Metals
Zinc	17.3	mg/kg	AEL	AEL96012713	Metals

UNIT SPECIFIC TECHNICAL MEMORANDUM: UNDEVELOPED LAND DEBRIS PILE AREA

PRATT & WHITNEY, EAST HARTFORD, CT

AREA: South Klondike

SUB-AREA: Undeveloped Land

DRAFT

ENVIRONMENTAL UNIT: Debris Pile

Location: South Klondike Area; south of a dirt road, from Linde Road. This area is bounded on the west and south by wooded undeveloped land (Drawing ___).

Description: There is a large pile of landscaping debris. The surface of the pile was observed to contain predominantly grass clippings; wood chips, branches, trimmings, and mulch. Lessor amounts of black plastic edging used in landscaping was also visible, especially on the north side of the pile. The source for the debris is unknown.

Dates of Operation: Unknown to Present.

Processes: Dumping of landscaping debris.

Specific Contaminants of Concern: Unknown

Area-wide Classes of Contaminants: Volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), the RCRA 8 metals plus nickel and zinc, total petroleum hydrocarbons (TPH), and polychlorinated biphenyls (PCBs).

Potential Release Mechanism: Impacts to soils and groundwater associated with potential leaching from the debris pile.

INVESTIGATION AND REMEDIATION ACTIVITIES:

Due to the potential for a release associated with the debris pile, a subsurface investigation to determine the degree of soil contamination was performed in February 1997. Prior to 1997, no investigation of the debris pile had reportedly been performed.

February 1997 Investigation (LEA):

Description: On February 6 and 7, 1997, two soil borings (SK-SB-130 and SK-SB-131) were advanced to a depth of 16 feet in the vicinity of the debris pile, as shown on Figure ___. Two additional borings were planned (for the south and west sides of the pile), but were eliminated because of inaccessibility due to the area being wooded. A minimum depth of 15 feet was selected to ensure that sufficient data were collected for comparisons against the direct exposure criteria in

the Connecticut Remediation Standard Regulation (RSR). Soil samples were collected from each of the borings in continuous 2-foot intervals to 16 feet.

A total of 16 soil samples were submitted to the LEA Analytical Laboratory and screened for the presence of select VOCs. Based on visual, olfactory, or instrument evidence, and with consideration of the potential release mechanism, two samples from each boring were submitted to Averill Environmental Laboratory, Inc. (AEL) and analyzed for the presence of VOCs, the RCRA 8 metals plus nickel and zinc, TPH, and PCBs. One sample per boring (from the shallower interval) was also analyzed for SVOCs.

In addition, groundwater samples were collected on February 6 and 7, 1997 from both borings using Geoprobe® screen-point groundwater sampling techniques. Groundwater samples from both borings were collected on February 6, 1997 from a depth of 9 to 11 feet below the ground surface. Both of these groundwater samples were submitted to AEL for analysis for SVOCs, the RCRA 8 metals plus nickel and zinc, TPH, and PCBs. Groundwater samples from both borings were collected on February 7, 1997 from a depth of 9 to 10 feet. These groundwater samples were submitted to AEL for analysis for VOCs. Due to an equipment malfunction, the VOC samples were collected on the second day of sampling. A summary of the samples collected and analyses performed during this investigation is included in Table 1.

Investigation Results: Based on the soil boring logs, groundwater was encountered at approximately 5 feet in both borings. Varved clay was not encountered in either boring. No visual or olfactory evidence of contamination was noted on the boring logs.

Concentrations of constituents detected in soil samples collected for this unit are presented in Table 2. The highest concentration of each constituent detected above background at each sampling location is shown on Figure ___. No VOCs were detected in the soil samples submitted to the LEA Analytical Laboratory or to AEL. No SVOCs, TPH, or PCBs were detected in the soil samples submitted to AEL. However, fluoranthene was noted (with a "N1" qualifier) as being below the reportable quantitation limit, but above the method detection limit in boring SK-SB-131 at 0 to 2 feet.

One or more of the metals analyzed were detected in each of the soil samples submitted for analysis. These metals include arsenic, barium, chromium, and zinc.

Concentrations of constituents detected in groundwater samples collected for this unit are presented in Table 3. No VOCs, SVOCs, TPH, or PCBs were detected in the groundwater samples submitted to AEL. Barium and mercury were detected at concentrations of 0.167 and 0.0005 milligrams per liter (mg/l) in screen-point location SK-SB-130. No other metals were detected in the groundwater samples submitted for analysis to AEL.

Data Evaluation and Conclusions: Based on the analytical results, there is no evidence that a release has occurred. The debris pile has been adequately characterized.

The data were compared against the default numeric criteria included in the RSR and the site-specific background soil concentrations for the North Klondike for various inorganic constituents (Fuss & O'Neill, 1994). Criteria are established in the RSR based on exposure pathways for various environmental media, including soil and groundwater. This evaluation of the soils data is based on a comparison to the residential and industrial/commercial direct exposure criteria (DEC), the GB pollutant mobility criteria (PMC) included in the RSR, as well as the site-specific background soil concentrations. The evaluation of the groundwater data is based on a comparison to the surface water protection criteria (SWPC) and the residential and industrial/commercial volatilization criteria included in the RSR.

The concentrations of the metals detected in the soil samples are typical of "Walpole Soils" background concentrations, and are not indicative of a release from this unit. However, an elevated concentration of chromium was detected in SK-SB-130 at a depth of 0 to 2 feet. For the metals detected in soil, no exceedances of the residential and industrial/commercial direct exposure criteria or GB pollutant mobility criteria (in soil samples from above the water table) were noted.

For the metals detected in groundwater, no exceedances of the surface water protection criteria were noted. The source of the metals in the groundwater is believed to be natural, since the metals detected in the soil was at background concentrations. Background concentrations of metals in groundwater are discussed in greater detail in *Summary of Groundwater Sampling and Analysis, North Klondike and North Airport Areas.*

PROPOSED ACTIONS:

Since this unit has been adequately characterized and there is no evidence of a release, no further action is warranted at this unit.

SK-SB-130		
Cr	14.4 mg/kg	0-2
Ba	0.167 mg/l	9-10
Hg	0.0005 mg/l	9-10

LEGEND

- MONITORING WELL
- SOIL BORING
- MICROWELL
- VAPOR EXTRACTION WELL
- SOIL SAMPLE
- SEDIMENT/SLUDGE SURFACE WATER SAMPLE
- TEST PIT

LOCATION IDENTIFIER → CA-5D

CHEMICAL NAME		DEPTH IN FEET
PCE	3900 ug/kg *	10-12
PCE	100 ug/l	10-12
As	8.25 mg/kg	10-12
As SPLP	0.010 mg/l	10-12
Ba	0.028 ug/l	10-12

HIGHEST CONCENTRATION OF CONSTITUENT DETECTED IN BORING

* Indicates analysis by mobile laboratory

NOTES:
SOIL UNITS ARE ug/kg or mg/kg
GROUNDWATER UNITS ARE ug/l or mg/l
SPLP UNITS ARE mg/l

ABBREVIATIONS

VOCs

Acetone	ACT
Benzene	BZ
Carbon disulfide	CDIS
Chlorobenzene	CBZ
Chloroform	CFM
Chloroethane	CEA
1,2-Dichlorobenzene	2DCB
1,3-Dichlorobenzene	3DCB
1,4-Dichlorobenzene	4DCB
1,1-Dichloroethane	11DCA
1,2-Dichloroethane	12DCA
1,1-Dichloroethylene	11DCE
1,2-Dichloroethylene	12DCE
Cis-1,2-Dichloroethylene	CDCE
Trans-1,2-Dichloroethylene	TDCE
Ethylbenzene	EBZ
Methyl chloride(Chloromethane)	MCM
Methylene chloride	MC
Methyl ethyl ketone	MEK
Methyl-tert-butyl ether	MTBE
Tetrachloroethylene	PCE
1,1,2,2-Tetrachloroethane	1122TTCA
Toluene	TL
1,1,1-Trichloroethane	TCA
1,1,2-Trichloroethane	112TCA
Trichloroethylene	TCE
Vinyl chloride	VC
Xylenes	XYL

SVOCs

Anthracene	ANTH
Acenaphthene	ACN
Acenaphthylene	ACNE
Benzo[a]anthracene	BA
Benzo[a]pyrene	BAP
Benzo[b]fluoranthene	BBF
Benzo[ghi]perylene	BGP
Benzo[k]fluoranthene	BKF
Bis(2ethylhexyl)phthalate	DEHP
Butyl benzyl phthalate	BBP
Chrysene	CRYS
Dibenzo[a,h]anthracene	DBA
Di-n-butyl phthalate	DBP
Flouranthene	FA
Fluorene	FLE
Indeno(1,2,3-cd)pyrene	IP
Napthalene	NAP
Phenanthrene	PHN
Pyrene	PYR

METALS

Arsenic	As	Lead	Pb
Barium	Ba	Mercury	Hg
Beryllium	Be	Nickel	Ni
Cadmium	Cd	Selenium	Se
Chromium (total)	Cr	Silver	Ag
Copper	Cu	Zinc	Zn

MISC.

Total Petroleum Hydrocarbons	TPH
Polychlorinated Biphenyl	PCB

25 0 25 50 75
SCALE IN FEET

N

AIRPORT/KLONDIKE INVESTIGATION
PRATT & WHITNEY, EAST HARTFORD, CT
SOUTH KLONDIKE UNDEVELOPED LAND
UNDEVELOPED LAND DEBRIS PILE
LOCATION & CONSTITUENTS DETECTED MAP

Comm.No. | FIG. | LEA

10-6-97
SKSDLP

Table 1
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION
P&W East Hartford: South Klondike Undeveloped Land Debris Pile

Sample Information						Analysis Information								
Location ID	Sample ID	Sample Date	From (ft)	To (ft)	Class	Portable GC	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides	PCBs	Metals	Extraction	Miscellaneous
SK-SB-130	1026209	2/ 6/97	0	2	SB	x	x	x			x	X		x
SK-SB-130	1026210	2/ 6/97	2	4	SB	x								
SK-SB-130	1026211	2/ 6/97	4	6	SB	x								
SK-SB-130	1026212	2/ 6/97	6	8	SB	x	x				x	X		x
SK-SB-130	1026213	2/ 6/97	8	10	SB	x								
SK-SB-130	1026201	2/ 6/97	9	10	GW			x			x	X		x
SK-SB-130	1026214	2/ 6/97	10	12	SB	x								
SK-SB-130	1026215	2/ 6/97	12	14	SB	x								
SK-SB-130	1026225	2/ 7/97	9.0	11.0	GW		x							
SK-SB-131	1026216	2/ 6/97	0	2	SB	x	x	x			x	X		x
SK-SB-131	1026217	2/ 6/97	0	2	SB	x								
SK-SB-131	1026218	2/ 6/97	2	4	SB	x								
SK-SB-131	1026219	2/ 6/97	4	6	SB	x								
SK-SB-131	1026220	2/ 6/97	6	8	SB	x								
SK-SB-131	1026221	2/ 6/97	8	10	SB	x	x				x	X		x
SK-SB-131	1026202	2/ 6/97	9	10	GW			x			x	x		x
SK-SB-131	1026222	2/ 6/97	10	12	SB	x								
SK-SB-131	1026223	2/ 6/97	12	14	SB	x								
SK-SB-131	1026224	2/ 6/97	14	16	SB	x								
SK-SB-131	1026226	2/ 7/97	9.0	11.0	GW		x							

Notes: 1. Legend: X - Analysed; at least one analyte over the detection limit; x - Analysed, no analytes in group over the detection limit
2. Printed on 10/03/1997

LEA

Table 2
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOIL
P&W East Hartford: South Klondike Undeveloped Land Debris Pile

	Location ID	SK-SB-130	SK-SB-130	SK-SB-131	SK-SB-131			
	Sample ID	1026209	1026212	1026216	1026221			
	Sample Date	02/06/1997	02/06/1997	02/06/1997	02/06/1997			
	Sample Time	10:40	11:00	13:15	13:50			
	Sample Depth	0' - 2'	6' - 8'	0' - 2'	8' - 10'			
	Laboratory	AEL	AEL	AEL	AEL			
	Lab. Number	AEL97001964	AEL97001965	AEL97001966	AEL97001967			
Constituent	Units							
Date Metals Analyzed	-	02/19/1997	02/19/1997	02/19/1997	02/19/1997			
Arsenic	mg/kg	1.64	2.06	0.721	0.891			
Barium	mg/kg	27.4	42.8	11	52			
Chromium	mg/kg	14.4	9.31	7.94	8.46			
Zinc	mg/kg	21.6	23.2	15.2	20.7			

Notes: 1. Only Detects Shown
2. Printed on 10/03/1997

LEA

Table 3
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - GROUNDWATER
P&W East Hartford: South Klondike Undeveloped Land Debris Pile

	Location ID	SK-SB-130						
	Sample ID	1026201						
	Sample Date	02/06/1997						
	Sample Time	12:10						
	Sample Depth	9' - 10'						
	Laboratory	AEL						
	Lab. Number	AEL97001658						
Constituent	Units							
Depth to Water	FT	8.5						
Date Metals Analyzed	-	02/13/1997						
Barium	mg/L	0.167						
Mercury	mg/L	0.0005						

Notes: 1. Only Detects Shown
2. Printed on 10/03/1997

LEA

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: South Klondike Undeveloped Land Garbage Pile

Location Identifier SK-SB-130

Location Identifier	SK-SB-130					
Sample Date	2/ 6/97					
Sample Identifier	1026201	12:10	From 9 to 10			Ground Water
Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<0.004	mg/L		AEL	AEL97001658	Metals
Barium	0.167	mg/L		AEL	AEL97001658	Metals
Cadmium	ND<0.0010	mg/L		AEL	AEL97001658	Metals
Chromium	ND<0.050	mg/L		AEL	AEL97001658	Metals
Copper	ND<0.040	mg/L		AEL	AEL97001658	Metals
Lead	ND<0.0050	mg/L		AEL	AEL97001658	Metals
Mercury	0.0005	mg/L		AEL	AEL97001658	Metals
Nickel	ND<0.10	mg/L		AEL	AEL97001658	Metals
Selenium	ND<0.010	mg/L		AEL	AEL97001658	Metals
Silver	ND<0.027	mg/L		AEL	AEL97001658	Metals
Zinc	ND<0.050	mg/L		AEL	AEL97001658	Metals
PCB 1016	ND<1.0	µg/L		AEL	AEL97001658	PCBs
PCB 1221	ND<1.0	µg/L		AEL	AEL97001658	PCBs
PCB 1232	ND<1.0	µg/L		AEL	AEL97001658	PCBs
PCB 1242	ND<1.0	µg/L		AEL	AEL97001658	PCBs
PCB 1248	ND<1.0	µg/L		AEL	AEL97001658	PCBs
PCB 1254	ND<1.0	µg/L		AEL	AEL97001658	PCBs
PCB 1260	ND<1.0	µg/L		AEL	AEL97001658	PCBs
Total Petroleum Hydrocarbons	ND<0.5	mg/L		AEL	AEL97001658	Physical Analysis
Acenaphthene	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Acenaphthylene	ND<1.7	µg/L	MDL	AEL	AEL97001658	Semi-volatile Organics
Anthracene	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Benzidine	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Benzo[a]anthracene	ND<0.86	µg/L	MDL	AEL	AEL97001658	Semi-volatile Organics
Benzo[a]pyrene	ND<0.39	µg/L	MDL	AEL	AEL97001658	Semi-volatile Organics
Benzo[b]fluoranthene	ND<0.53	µg/L	MDL	AEL	AEL97001658	Semi-volatile Organics
Benzo[ghi]perylene	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Benzo[k]fluoranthene	ND<0.63	µg/L	MDL	AEL	AEL97001658	Semi-volatile Organics
Bis(2-chloroethoxy)methane	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Bis(2-chloroethyl) Ether	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Bis(2-ethylhexyl)phthalate	ND<3.6	µg/L	U	AEL	AEL97001658	Semi-volatile Organics
Bromophenyl Phenyl Ether,4-	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Butyl Benzyl Phthalate	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Chloronaphthalene,2-	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Chlorophenol,2-	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Chlorophenyl Phenyl Ether,4-	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Chlorotoluene,p-	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Chrysene	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Di-n-butyl Phthalate	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Di-n-octyl Phthalate	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Dibenzo[a,h]anthracene	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Dichlorobenzene,1,2-	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Dichlorobenzene,1,3-	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Dichlorobenzene,1,4-	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Dichlorobenzidine,3,3'-	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: South Klondike Undeveloped Land Garbage Pile

Location Identifier SK-SB-130

Dichlorophenol,2,4-	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Diethyl Phthalate	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Dimethyl Phthalate	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Dimethylphenol,2,4-	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Dinitro-o-cresol,4,6-	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Dinitrophenol,2,4-	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Dinitrotoluene,2,4-	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Dinitrotoluene,2,6-	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Diphenylhydrazine,1,2-	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Fluoranthene	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Fluorene	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Hexachlorobenzene	ND<1.3	µg/L	MDL	AEL	AEL97001658	Semi-volatile Organics
Hexachlorobutadiene	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Hexachlorocyclopentadiene	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Hexachloroethane	ND<1.3	µg/L	MDL	AEL	AEL97001658	Semi-volatile Organics
Indeno(1,2,3-cd)pyrene	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Isophorone	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
N-nitroso-n-propylamine	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
N-nitrosodimethylamine	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
N-nitrosodiphenylamine	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Naphthalene	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Nitrobenzene	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Nitrophenol,2-	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Nitrophenol,4-	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Pentachlorophenol	ND<0.66	µg/L	MDL	AEL	AEL97001658	Semi-volatile Organics
Phenanthrene	ND<1.1	µg/L	MDL	AEL	AEL97001658	Semi-volatile Organics
Phenol	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Propane),2,2'-oxybis(2-chloro-	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Pyrene	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Trichlorobenzene,1,2,4-	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics
Trichlorophenol,2,4,6-	ND<11	µg/L		AEL	AEL97001658	Semi-volatile Organics

Sample Identifier 1026209 10:40 From 0 to 2 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	1.64	mg/kg		AEL	AEL97001964	Metals
Barium	27.4	mg/kg		AEL	AEL97001964	Metals
Cadmium	ND<3.6	mg/kg		AEL	AEL97001964	Metals
Chromium	14.4	mg/kg		AEL	AEL97001964	Metals
Lead	ND<24	mg/kg		AEL	AEL97001964	Metals
Mercury	ND<0.0960	mg/kg		AEL	AEL97001964	Metals
Nickel	ND<12	mg/kg		AEL	AEL97001964	Metals
Selenium	ND<1.2	mg/kg		AEL	AEL97001964	Metals
Silver	ND<6.0	mg/kg		AEL	AEL97001964	Metals
Zinc	21.6	mg/kg		AEL	AEL97001964	Metals
PCB 1016	ND<0.24	mg/kg		AEL	AEL97001964	PCBs
PCB 1221	ND<0.24	mg/kg		AEL	AEL97001964	PCBs
PCB 1232	ND<0.24	mg/kg		AEL	AEL97001964	PCBs
PCB 1242	ND<0.24	mg/kg		AEL	AEL97001964	PCBs
PCB 1248	ND<0.24	mg/kg		AEL	AEL97001964	PCBs

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: South Klondike Undeveloped Land Garbage Pile

Location Identifier SK-SB-130

PCB 1254	ND<0.24	mg/kg	AEL	AEL97001964	PCBs
PCB 1260	ND<0.24	mg/kg	AEL	AEL97001964	PCBs
Total Petroleum Hydrocarbons	ND<39.5	mg/kg	AEL	AEL97001964	Physical Analysis
Acenaphthene	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Acenaphthylene	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Anthracene	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Benzidine	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Benzo[a]anthracene	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Benzo[a]pyrene	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Benzo[b]fluoranthene	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Benzo[ghi]perylene	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Benzo[k]fluoranthene	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Bis(2-chloroethoxy)methane	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Bis(2-chloroethyl) Ether	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Bis(2-ethylhexyl)phthalate	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Bromophenyl Phenyl Ether,4-	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Butyl Benzyl Phthalate	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Chloronaphthalene,2-	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Chlorophenol,2-	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Chlorophenyl Phenyl Ether,4-	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Chlorotoluene,p-	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Chrysene	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Di-n-butyl Phthalate	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Di-n-octyl Phthalate	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Dibenzo[a,h]anthracene	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Dichlorobenzene,1,2-	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Dichlorobenzene,1,3-	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Dichlorobenzene,1,4-	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Dichlorobenzidine,3,3'-	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Dichlorophenol,2,4-	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Diethyl Phthalate	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Dimethyl Phthalate	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Dimethylphenol,2,4-	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Dinitro-o-cresol,4,6-	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Dinitrophenol,2,4-	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Dinitrotoluene,2,4-	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Dinitrotoluene,2,6-	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Diphenylhydrazine,1,2-	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Fluoranthene	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Fluorene	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Hexachlorobenzene	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Hexachlorobutadiene	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Hexachlorocyclopentadiene	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Hexachloroethane	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Indeno(1,2,3-cd)pyrene	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Isophorone	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
N-nitroso-n-propylamine	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
N-nitrosodimethylamine	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
N-nitrosodiphenylamine	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: South Klondike Undeveloped Land Garbage Pile

Location Identifier SK-SB-130

Naphthalene	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Nitrobenzene	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Nitrophenol,2-	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Nitrophenol,4-	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Pentachlorophenol	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Phenanthrene	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Phenol	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Propane),2,2'-oxybis(2-chloro-	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Pyrene	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Trichlorobenzene,1,2,4-	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Trichlorophenol,2,4,6-	ND<400	µg/kg	AEL	AEL97001964	Semi-volatile Organics
Acetone	ND<86	µg/kg	AEL	AEL97001964	Volatile Organics
Acrolein	ND<39	µg/kg	AEL	AEL97001964	Volatile Organics
Acrylonitrile	ND<39	µg/kg	AEL	AEL97001964	Volatile Organics
Benzene	ND<16	µg/kg	AEL	AEL97001964	Volatile Organics
Benzene (mobile)	ND<7.79	µg/kg	LEA	97-1287-139	Volatile Organics
Bromobenzene	ND<16	µg/kg	AEL	AEL97001964	Volatile Organics
Bromoform	ND<16	µg/kg	AEL	AEL97001964	Volatile Organics
Carbon Disulfide	ND<16	µg/kg	AEL	AEL97001964	Volatile Organics
Carbon Tetrachloride	ND<16	µg/kg	AEL	AEL97001964	Volatile Organics
Chlorobenzene	ND<16	µg/kg	AEL	AEL97001964	Volatile Organics
Chlorodibromomethane	ND<16	µg/kg	AEL	AEL97001964	Volatile Organics
Chloroethane	ND<16	µg/kg	AEL	AEL97001964	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<16	µg/kg	AEL	AEL97001964	Volatile Organics
Chloroform	ND<16	µg/kg	AEL	AEL97001964	Volatile Organics
Chlorotoluene,o-	ND<16	µg/kg	AEL	AEL97001964	Volatile Organics
Chlorotoluene,p-	ND<16	µg/kg	AEL	AEL97001964	Volatile Organics
Dibromomethane	ND<16	µg/kg	AEL	AEL97001964	Volatile Organics
Dichlorobenzene,1,2-	ND<16	µg/kg	AEL	AEL97001964	Volatile Organics
Dichlorobenzene,1,3-	ND<16	µg/kg	AEL	AEL97001964	Volatile Organics
Dichlorobenzene,1,4-	ND<16	µg/kg	AEL	AEL97001964	Volatile Organics
Dichlorobromomethane	ND<16	µg/kg	AEL	AEL97001964	Volatile Organics
Dichlorodifluoromethane	ND<16	µg/kg	AEL	AEL97001964	Volatile Organics
Dichloroethane,1,1-	ND<16	µg/kg	AEL	AEL97001964	Volatile Organics
Dichloroethane,1,2-	ND<16	µg/kg	AEL	AEL97001964	Volatile Organics
Dichloroethylene,1,1-	ND<16	µg/kg	AEL	AEL97001964	Volatile Organics
Dichloroethylene,1,2-cis-	ND<16	µg/kg	AEL	AEL97001964	Volatile Organics
Dichloroethylene,1,2-trans-	ND<16	µg/kg	AEL	AEL97001964	Volatile Organics
Dichloropropane,1,2-	ND<16	µg/kg	AEL	AEL97001964	Volatile Organics
Dichloropropylene,1,3-cis-	ND<16	µg/kg	AEL	AEL97001964	Volatile Organics
Dichloropropylene,1,3-trans-	ND<16	µg/kg	AEL	AEL97001964	Volatile Organics
Ethylbenzene	ND<16	µg/kg	AEL	AEL97001964	Volatile Organics
Ethylbenzene (mobile)	ND<16.8	µg/kg	LEA	97-1287-139	Volatile Organics
Hexanone,2-	ND<39	µg/kg	AEL	AEL97001964	Volatile Organics
Methyl Bromide	ND<16	µg/kg	AEL	AEL97001964	Volatile Organics
Methyl Chloride	ND<16	µg/kg	AEL	AEL97001964	Volatile Organics
Methyl Ethyl Ketone	ND<39	µg/kg	AEL	AEL97001964	Volatile Organics
Methyl-2-pentanone,4-	ND<39	µg/kg	AEL	AEL97001964	Volatile Organics
Methyl-tert-butyl Ether	ND<16	µg/kg	AEL	AEL97001964	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: South Klondike Undeveloped Land Garbage Pile

Location Identifier SK-SB-130

Methylene Chloride	ND<35	µg/kg		AEL	AEL97001964	Volatile Organics
Styrene	ND<16	µg/kg		AEL	AEL97001964	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<16	µg/kg		AEL	AEL97001964	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<16	µg/kg		AEL	AEL97001964	Volatile Organics
Tetrachloroethylene	ND<16	µg/kg		AEL	AEL97001964	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.0	µg/kg		LEA	97-1287-139	Volatile Organics
Toluene	ND<16	µg/kg		AEL	AEL97001964	Volatile Organics
Toluene (mobile)	ND<11.8	µg/kg		LEA	97-1287-139	Volatile Organics
Trichloroethane,1,1,1-	ND<16	µg/kg		AEL	AEL97001964	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<211	µg/kg		LEA	97-1287-139	Volatile Organics
Trichloroethane,1,1,2-	ND<16	µg/kg		AEL	AEL97001964	Volatile Organics
Trichloroethylene	ND<16	µg/kg		AEL	AEL97001964	Volatile Organics
Trichloroethylene (mobile)	ND<20.7	µg/kg		LEA	97-1287-139	Volatile Organics
Trichloromonofluoromethane	ND<16	µg/kg		AEL	AEL97001964	Volatile Organics
Trichloropropane,1,2,3-	ND<16	µg/kg		AEL	AEL97001964	Volatile Organics
Vinyl Acetate	ND<16	µg/kg		AEL	AEL97001964	Volatile Organics
Vinyl Chloride	ND<16	µg/kg		AEL	AEL97001964	Volatile Organics
Xylene,o- (mobile)	ND<22.4	µg/kg		LEA	97-1287-139	Volatile Organics
Xylenes (Total)	ND<16	µg/kg		AEL	AEL97001964	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.0	µg/kg		LEA	97-1287-139	Volatile Organics

Sample Identifier 1026210 10:45 From 2 to 4 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.95	µg/kg		LEA	97-1288-140	Volatile Organics
Ethylbenzene (mobile)	ND<17.1	µg/kg		LEA	97-1288-140	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.5	µg/kg		LEA	97-1288-140	Volatile Organics
Toluene (mobile)	ND<12.0	µg/kg		LEA	97-1288-140	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<215	µg/kg		LEA	97-1288-140	Volatile Organics
Trichloroethylene (mobile)	ND<21.2	µg/kg		LEA	97-1288-140	Volatile Organics
Xylene,o- (mobile)	ND<22.8	µg/kg		LEA	97-1288-140	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.3	µg/kg		LEA	97-1288-140	Volatile Organics

Sample Identifier 1026211 10:55 From 4 to 6 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.95	µg/kg		LEA	97-1289-141	Volatile Organics
Ethylbenzene (mobile)	ND<17.1	µg/kg		LEA	97-1289-141	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.5	µg/kg		LEA	97-1289-141	Volatile Organics
Toluene (mobile)	ND<12.0	µg/kg		LEA	97-1289-141	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<215	µg/kg		LEA	97-1289-141	Volatile Organics
Trichloroethylene (mobile)	ND<21.2	µg/kg		LEA	97-1289-141	Volatile Organics
Xylene,o- (mobile)	ND<22.8	µg/kg		LEA	97-1289-141	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.3	µg/kg		LEA	97-1289-141	Volatile Organics

Sample Identifier 1026212 11:00 From 6 to 8 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	2.06	mg/kg		AEL	AEL97001965	Metals
Barium	42.8	mg/kg		AEL	AEL97001965	Metals
Cadmium	ND<3.78	mg/kg		AEL	AEL97001965	Metals
Chromium	9.31	mg/kg		AEL	AEL97001965	Metals

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: South Klondike Undeveloped Land Garbage Pile

Location Identifier SK-SB-130

Lead	ND<25.2	mg/kg	AEL	AEL97001965	Metals
Mercury	ND<0.101	mg/kg	AEL	AEL97001965	Metals
Nickel	ND<12.6	mg/kg	AEL	AEL97001965	Metals
Selenium	ND<1.26	mg/kg	AEL	AEL97001965	Metals
Silver	ND<6.29	mg/kg	AEL	AEL97001965	Metals
Zinc	23.2	mg/kg	AEL	AEL97001965	Metals
PCB 1016	ND<0.26	mg/kg	AEL	AEL97001965	PCBs
PCB 1221	ND<0.26	mg/kg	AEL	AEL97001965	PCBs
PCB 1232	ND<0.26	mg/kg	AEL	AEL97001965	PCBs
PCB 1242	ND<0.26	mg/kg	AEL	AEL97001965	PCBs
PCB 1248	ND<0.26	mg/kg	AEL	AEL97001965	PCBs
PCB 1254	ND<0.26	mg/kg	AEL	AEL97001965	PCBs
PCB 1260	ND<0.26	mg/kg	AEL	AEL97001965	PCBs
Total Petroleum Hydrocarbons	ND<43.3	mg/kg	AEL	AEL97001965	Physical Analysis
Acetone	ND<73	µg/kg	AEL	AEL97001965	Volatile Organics
Acrolein	ND<24	µg/kg	AEL	AEL97001965	Volatile Organics
Acrylonitrile	ND<24	µg/kg	AEL	AEL97001965	Volatile Organics
Benzene	ND<9.8	µg/kg	AEL	AEL97001965	Volatile Organics
Benzene (mobile)	ND<7.79	µg/kg	LEA	97-1290-142	Volatile Organics
Bromobenzene	ND<9.8	µg/kg	AEL	AEL97001965	Volatile Organics
Bromoform	ND<9.8	µg/kg	AEL	AEL97001965	Volatile Organics
Carbon Disulfide	ND<9.8	µg/kg	AEL	AEL97001965	Volatile Organics
Carbon Tetrachloride	ND<9.8	µg/kg	AEL	AEL97001965	Volatile Organics
Chlorobenzene	ND<9.8	µg/kg	AEL	AEL97001965	Volatile Organics
Chlorodibromomethane	ND<9.8	µg/kg	AEL	AEL97001965	Volatile Organics
Chloroethane	ND<9.8	µg/kg	AEL	AEL97001965	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<9.8	µg/kg	AEL	AEL97001965	Volatile Organics
Chloroform	ND<9.8	µg/kg	AEL	AEL97001965	Volatile Organics
Chlorotoluene,o-	ND<9.8	µg/kg	AEL	AEL97001965	Volatile Organics
Chlorotoluene,p-	ND<9.8	µg/kg	AEL	AEL97001965	Volatile Organics
Dibromomethane	ND<9.8	µg/kg	AEL	AEL97001965	Volatile Organics
Dichlorobenzene,1,2-	ND<9.8	µg/kg	AEL	AEL97001965	Volatile Organics
Dichlorobenzene,1,3-	ND<9.8	µg/kg	AEL	AEL97001965	Volatile Organics
Dichlorobenzene,1,4-	ND<9.8	µg/kg	AEL	AEL97001965	Volatile Organics
Dichlorobromomethane	ND<9.8	µg/kg	AEL	AEL97001965	Volatile Organics
Dichlorodifluoromethane	ND<9.8	µg/kg	AEL	AEL97001965	Volatile Organics
Dichloroethane,1,1-	ND<9.8	µg/kg	AEL	AEL97001965	Volatile Organics
Dichloroethane,1,2-	ND<9.8	µg/kg	AEL	AEL97001965	Volatile Organics
Dichloroethylene,1,1-	ND<9.8	µg/kg	AEL	AEL97001965	Volatile Organics
Dichloroethylene,1,2-cis-	ND<9.8	µg/kg	AEL	AEL97001965	Volatile Organics
Dichloroethylene,1,2-trans-	ND<9.8	µg/kg	AEL	AEL97001965	Volatile Organics
Dichloropropane,1,2-	ND<9.8	µg/kg	AEL	AEL97001965	Volatile Organics
Dichloropropylene,1,3-cis-	ND<9.8	µg/kg	AEL	AEL97001965	Volatile Organics
Dichloropropylene,1,3-trans-	ND<9.8	µg/kg	AEL	AEL97001965	Volatile Organics
Ethylbenzene	ND<9.8	µg/kg	AEL	AEL97001965	Volatile Organics
Ethylbenzene (mobile)	ND<16.8	µg/kg	LEA	97-1290-142	Volatile Organics
Hexanone,2-	ND<24	µg/kg	AEL	AEL97001965	Volatile Organics
Methyl Bromide	ND<9.8	µg/kg	AEL	AEL97001965	Volatile Organics
Methyl Chloride	ND<9.8	µg/kg	AEL	AEL97001965	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: South Klondike Undeveloped Land Garbage Pile

Location Identifier SK-SB-130

Methyl Ethyl Ketone	ND<24	µg/kg		AEL	AEL97001965	Volatile Organics
Methyl-2-pentanone,4-	ND<24	µg/kg		AEL	AEL97001965	Volatile Organics
Methyl-tert-butyl Ether	ND<9.8	µg/kg		AEL	AEL97001965	Volatile Organics
Methylene Chloride	ND<27	µg/kg		AEL	AEL97001965	Volatile Organics
Styrene	ND<9.8	µg/kg		AEL	AEL97001965	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<9.8	µg/kg		AEL	AEL97001965	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<9.8	µg/kg		AEL	AEL97001965	Volatile Organics
Tetrachloroethylene	ND<9.8	µg/kg		AEL	AEL97001965	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.0	µg/kg		LEA	97-1290-142	Volatile Organics
Toluene	ND<9.8	µg/kg		AEL	AEL97001965	Volatile Organics
Toluene (mobile)	ND<11.8	µg/kg		LEA	97-1290-142	Volatile Organics
Trichloroethane,1,1,1-	ND<9.8	µg/kg		AEL	AEL97001965	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<211	µg/kg		LEA	97-1290-142	Volatile Organics
Trichloroethane,1,1,2-	ND<9.8	µg/kg		AEL	AEL97001965	Volatile Organics
Trichloroethylene	ND<9.8	µg/kg		AEL	AEL97001965	Volatile Organics
Trichloroethylene (mobile)	ND<20.7	µg/kg		LEA	97-1290-142	Volatile Organics
Trichloromonofluoromethane	ND<9.8	µg/kg		AEL	AEL97001965	Volatile Organics
Trichloropropane,1,2,3-	ND<9.8	µg/kg		AEL	AEL97001965	Volatile Organics
Vinyl Acetate	ND<9.8	µg/kg		AEL	AEL97001965	Volatile Organics
Vinyl Chloride	ND<9.8	µg/kg		AEL	AEL97001965	Volatile Organics
Xylene,o- (mobile)	ND<22.4	µg/kg		LEA	97-1290-142	Volatile Organics
Xylenes (Total)	ND<9.8	µg/kg		AEL	AEL97001965	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.0	µg/kg		LEA	97-1290-142	Volatile Organics

Sample Identifier 1026213 11:15 From 8 to 10 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<8.11	µg/kg		LEA	97-1291-143	Volatile Organics
Ethylbenzene (mobile)	ND<17.4	µg/kg		LEA	97-1291-143	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.9	µg/kg		LEA	97-1291-143	Volatile Organics
Toluene (mobile)	ND<12.2	µg/kg		LEA	97-1291-143	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<219	µg/kg		LEA	97-1291-143	Volatile Organics
Trichloroethylene (mobile)	ND<21.6	µg/kg		LEA	97-1291-143	Volatile Organics
Xylene,o- (mobile)	ND<23.3	µg/kg		LEA	97-1291-143	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.5	µg/kg		LEA	97-1291-143	Volatile Organics

Sample Identifier 1026214 11:17 From 10 to 12 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<8.11	µg/kg		LEA	97-1292-144	Volatile Organics
Ethylbenzene (mobile)	ND<17.4	µg/kg		LEA	97-1292-144	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.9	µg/kg		LEA	97-1292-144	Volatile Organics
Toluene (mobile)	ND<12.2	µg/kg		LEA	97-1292-144	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<219	µg/kg		LEA	97-1292-144	Volatile Organics
Trichloroethylene (mobile)	ND<21.6	µg/kg		LEA	97-1292-144	Volatile Organics
Xylene,o- (mobile)	ND<23.3	µg/kg		LEA	97-1292-144	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.5	µg/kg		LEA	97-1292-144	Volatile Organics

Sample Identifier 1026215 11:30 From 12 to 14 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.95	µg/kg		LEA	97-1294-146	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: South Klondike Undeveloped Land Garbage Pile

Location Identifier SK-SB-130

Ethylbenzene (mobile)	ND<17.1	µg/kg	LEA	97-1294-146	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.5	µg/kg	LEA	97-1294-146	Volatile Organics
Toluene (mobile)	ND<12.0	µg/kg	LEA	97-1294-146	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<215	µg/kg	LEA	97-1294-146	Volatile Organics
Trichloroethylene (mobile)	ND<21.2	µg/kg	LEA	97-1294-146	Volatile Organics
Xylene,o- (mobile)	ND<22.8	µg/kg	LEA	97-1294-146	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.3	µg/kg	LEA	97-1294-146	Volatile Organics

Sample Date 2/ 7/97
Sample Identifier 1026225 11:55 From 9.0 to 11.0 Ground Water

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Acetone	ND<6.0	µg/L		AEL	AEL97001701	Volatile Organics
Acrolein	ND<15	µg/L		AEL	AEL97001701	Volatile Organics
Acrylonitrile	ND<0.65	µg/L		AEL	AEL97001701	Volatile Organics
Benzene	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Bromobenzene	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Bromoform	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Carbon Disulfide	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Carbon Tetrachloride	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Chlorobenzene	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Chlorodibromomethane	ND<0.50	µg/L		AEL	AEL97001701	Volatile Organics
Chloroethane	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Chloroform	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Chlorotoluene,o-	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Chlorotoluene,p-	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Dibromomethane	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Dichlorobenzene,1,2-	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Dichlorobenzene,1,3-	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Dichlorobenzene,1,4-	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Dichlorobromomethane	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Dichlorodifluoromethane	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Dichloroethane,1,1-	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Dichloroethane,1,2-	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Dichloroethylene,1,1-	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Dichloroethylene,1,2-cis-	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Dichloroethylene,1,2-trans-	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Dichloropropane,1,2-	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Dichloropropylene,1,3-cis-	ND<0.50	µg/L		AEL	AEL97001701	Volatile Organics
Dichloropropylene,1,3-trans-	ND<0.50	µg/L		AEL	AEL97001701	Volatile Organics
Ethylbenzene	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Hexanone,2-	ND<2.0	µg/L		AEL	AEL97001701	Volatile Organics
Methyl Bromide	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Methyl Chloride	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Methyl Ethyl Ketone	ND<2.0	µg/L		AEL	AEL97001701	Volatile Organics
Methyl-2-pentanone,4-	ND<2.0	µg/L		AEL	AEL97001701	Volatile Organics
Methyl-tert-butyl Ether	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Methylene Chloride	ND<2.0	µg/L		AEL	AEL97001701	Volatile Organics

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SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: South Klondike Undeveloped Land Garbage Pile

Location Identifier SK-SB-130

Styrene	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<0.50	µg/L		AEL	AEL97001701	Volatile Organics
Tetrachloroethylene	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Toluene	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Trichloroethane,1,1,1-	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Trichloroethane,1,1,2-	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Trichloroethylene	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Trichloromonofluoromethane	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Trichloropropane,1,2,3-	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Vinyl Acetate	ND<2.0	µg/L		AEL	AEL97001701	Volatile Organics
Vinyl Chloride	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics
Xylenes (Total)	ND<1.0	µg/L		AEL	AEL97001701	Volatile Organics

Location Identifier SK-SB-131
Sample Date 2/ 6/97
Sample Identifier 1026202 15:00 From 9 to 10 Ground Water

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	ND<0.004	mg/L		AEL	AEL97001659	Metals
Barium	ND<0.050	mg/L		AEL	AEL97001659	Metals
Cadmium	ND<0.0010	mg/L		AEL	AEL97001659	Metals
Chromium	ND<0.050	mg/L		AEL	AEL97001659	Metals
Copper	ND<0.040	mg/L		AEL	AEL97001659	Metals
Lead	ND<0.0050	mg/L		AEL	AEL97001659	Metals
Mercury	ND<0.0004	mg/L		AEL	AEL97001659	Metals
Nickel	ND<0.10	mg/L		AEL	AEL97001659	Metals
Selenium	ND<0.010	mg/L		AEL	AEL97001659	Metals
Silver	ND<0.027	mg/L		AEL	AEL97001659	Metals
Zinc	ND<0.050	mg/L		AEL	AEL97001659	Metals
PCB 1016	ND<0.50	µg/L		AEL	AEL97001659	PCBs
PCB 1221	ND<0.50	µg/L		AEL	AEL97001659	PCBs
PCB 1232	ND<0.50	µg/L		AEL	AEL97001659	PCBs
PCB 1242	ND<0.50	µg/L		AEL	AEL97001659	PCBs
PCB 1248	ND<0.50	µg/L		AEL	AEL97001659	PCBs
PCB 1254	ND<0.20	µg/L		AEL	AEL97001659	PCBs
PCB 1260	ND<0.20	µg/L		AEL	AEL97001659	PCBs
Total Petroleum Hydrocarbons	ND<0.5	mg/L		AEL	AEL97001659	Physical Analysis
Acenaphthene	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Acenaphthylene	ND<1.6	µg/L	MDL	AEL	AEL97001659	Semi-volatile Organics
Anthracene	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Benzidine	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Benzo[a]anthracene	ND<0.82	µg/L	MDL	AEL	AEL97001659	Semi-volatile Organics
Benzo[a]pyrene	ND<0.37	µg/L	MDL	AEL	AEL97001659	Semi-volatile Organics
Benzo[b]fluoranthene	ND<0.51	µg/L	MDL	AEL	AEL97001659	Semi-volatile Organics
Benzo[ghi]perylene	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Benzo[k]fluoranthene	ND<0.60	µg/L	MDL	AEL	AEL97001659	Semi-volatile Organics
Bis(2-chloroethoxy)methane	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics

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SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: South Klondike Undeveloped Land Garbage Pile

Location Identifier SK-SB-131

Bis(2-chloroethyl) Ether	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Bis(2-ethylhexyl)phthalate	ND<1.3	µg/L	MDL	AEL	AEL97001659	Semi-volatile Organics
Bromophenyl Phenyl Ether,4-	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Butyl Benzyl Phthalate	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Chloronaphthalene,2-	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Chlorophenol,2-	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Chlorophenyl Phenyl Ether,4-	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Chlorotoluene,p-	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Chrysene	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Di-n-butyl Phthalate	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Di-n-octyl Phthalate	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Dibenzo[a,h]anthracene	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Dichlorobenzene,1,2-	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Dichlorobenzene,1,3-	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Dichlorobenzene,1,4-	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Dichlorobenzidine,3,3'-	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Dichlorophenol,2,4-	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Diethyl Phthalate	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Dimethyl Phthalate	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Dimethylphenol,2,4-	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Dinitro-o-cresol,4,6-	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Dinitrophenol,2,4-	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Dinitrotoluene,2,4-	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Dinitrotoluene,2,6-	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Diphenylhydrazine,1,2-	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Fluoranthene	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Fluorene	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Hexachlorobenzene	ND<1.2	µg/L	MDL	AEL	AEL97001659	Semi-volatile Organics
Hexachlorobutadiene	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Hexachlorocyclopentadiene	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Hexachloroethane	ND<1.2	µg/L	MDL	AEL	AEL97001659	Semi-volatile Organics
Indeno(1,2,3-cd)pyrene	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Isophorone	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
N-nitroso-n-propylamine	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
N-nitrosodimethylamine	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
N-nitrosodiphenylamine	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Naphthalene	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Nitrobenzene	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Nitrophenol,2-	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Nitrophenol,4-	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Pentachlorophenol	ND<0.63	µg/L	MDL	AEL	AEL97001659	Semi-volatile Organics
Phenanthrene	ND<1.1	µg/L	MDL	AEL	AEL97001659	Semi-volatile Organics
Phenol	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Propane),2,2'-oxybis(2-chloro-	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Pyrene	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Trichlorobenzene,1,2,4-	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics
Trichlorophenol,2,4,6-	ND<10	µg/L		AEL	AEL97001659	Semi-volatile Organics

Sample Identifier 1026216 13:15 From 0 to 2 Soil Boring

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: South Klondike Undeveloped Land Garbage Pile

Location Identifier SK-SB-131

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	0.721	mg/kg		AEL	AEL97001966	Metals
Barium	11	mg/kg		AEL	AEL97001966	Metals
Cadmium	ND<3.61	mg/kg		AEL	AEL97001966	Metals
Chromium	7.94	mg/kg		AEL	AEL97001966	Metals
Lead	ND<24.1	mg/kg		AEL	AEL97001966	Metals
Mercury	ND<0.10	mg/kg		AEL	AEL97001966	Metals
Nickel	ND<12	mg/kg		AEL	AEL97001966	Metals
Selenium	ND<1.2	mg/kg		AEL	AEL97001966	Metals
Silver	ND<6.02	mg/kg		AEL	AEL97001966	Metals
Zinc	15.2	mg/kg		AEL	AEL97001966	Metals
PCB 1016	ND<0.24	mg/kg		AEL	AEL97001966	PCBs
PCB 1221	ND<0.24	mg/kg		AEL	AEL97001966	PCBs
PCB 1232	ND<0.24	mg/kg		AEL	AEL97001966	PCBs
PCB 1242	ND<0.24	mg/kg		AEL	AEL97001966	PCBs
PCB 1248	ND<0.24	mg/kg		AEL	AEL97001966	PCBs
PCB 1254	ND<0.24	mg/kg		AEL	AEL97001966	PCBs
PCB 1260	ND<0.24	mg/kg		AEL	AEL97001966	PCBs
Total Petroleum Hydrocarbons	ND<48.0	mg/kg		AEL	AEL97001966	Physical Analysis
Acenaphthene	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Acenaphthylene	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Anthracene	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Benzidine	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Benzo[a]anthracene	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Benzo[a]pyrene	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Benzo[b]fluoranthene	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Benzo[ghi]perylene	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Benzo[k]fluoranthene	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Bis(2-chloroethoxy)methane	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Bis(2-chloroethyl) Ether	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Bis(2-ethylhexyl)phthalate	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Bromophenyl Phenyl Ether,4-	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Butyl Benzyl Phthalate	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Chloronaphthalene,2-	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Chlorophenol,2-	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Chlorophenyl Phenyl Ether,4-	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Chlorotoluene,p-	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Chrysene	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Di-n-butyl Phthalate	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Di-n-octyl Phthalate	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Dibenzo[a,h]anthracene	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Dichlorobenzene,1,2-	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Dichlorobenzene,1,3-	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Dichlorobenzene,1,4-	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Dichlorobenzidine,3,3'-	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Dichlorophenol,2,4-	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Diethyl Phthalate	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Dimethyl Phthalate	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Dimethylphenol,2,4-	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: South Klondike Undeveloped Land Garbage Pile

Location Identifier SK-SB-131

Dinitro-o-cresol,4,6-	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Dinitrophenol,2,4-	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Dinitrotoluene,2,4-	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Dinitrotoluene,2,6-	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Diphenylhydrazine,1,2-	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Fluoranthene	ND<400	µg/kg	N1	AEL	AEL97001966	Semi-volatile Organics
Fluorene	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Hexachlorobenzene	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Hexachlorobutadiene	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Hexachlorocyclopentadiene	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Hexachloroethane	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Indeno(1,2,3-cd)pyrene	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Isophorone	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
N-nitroso-n-propylamine	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
N-nitrosodimethylamine	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
N-nitrosodiphenylamine	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Naphthalene	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Nitrobenzene	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Nitrophenol,2-	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Nitrophenol,4-	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Pentachlorophenol	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Phenanthrene	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Phenol	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Propane),2,2'-oxybis(2-chloro-	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Pyrene	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Trichlorobenzene,1,2,4-	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Trichlorophenol,2,4,6-	ND<400	µg/kg		AEL	AEL97001966	Semi-volatile Organics
Acetone	ND<35	µg/kg		AEL	AEL97001966	Volatile Organics
Acrolein	ND<17	µg/kg		AEL	AEL97001966	Volatile Organics
Acrylonitrile	ND<17	µg/kg		AEL	AEL97001966	Volatile Organics
Benzene	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Benzene (mobile)	ND<7.79	µg/kg		LEA	97-1295-147	Volatile Organics
Bromobenzene	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Bromoform	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Carbon Disulfide	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Carbon Tetrachloride	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Chlorobenzene	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Chlorodibromomethane	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Chloroethane	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Chloroform	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Chlorotoluene,o-	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Chlorotoluene,p-	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Dibromomethane	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Dichlorobenzene,1,2-	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Dichlorobenzene,1,3-	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Dichlorobenzene,1,4-	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Dichlorobromomethane	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Dichlorodifluoromethane	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: South Klondike Undeveloped Land Garbage Pile

Location Identifier SK-SB-131

Dichloroethane,1,1-	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Dichloroethane,1,2-	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Dichloroethylene,1,1-	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Dichloroethylene,1,2-cis-	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Dichloroethylene,1,2-trans-	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Dichloropropane,1,2-	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Dichloropropylene,1,3-cis-	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Dichloropropylene,1,3-trans-	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Ethylbenzene	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Ethylbenzene (mobile)	ND<16.8	µg/kg		LEA	97-1295-147	Volatile Organics
Hexanone,2-	ND<17	µg/kg		AEL	AEL97001966	Volatile Organics
Methyl Bromide	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Methyl Chloride	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Methyl Ethyl Ketone	ND<17	µg/kg		AEL	AEL97001966	Volatile Organics
Methyl-2-pentanone,4-	ND<17	µg/kg		AEL	AEL97001966	Volatile Organics
Methyl-tert-butyl Ether	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Methylene Chloride	ND<17	µg/kg		AEL	AEL97001966	Volatile Organics
Styrene	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Tetrachloroethylene	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.0	µg/kg		LEA	97-1295-147	Volatile Organics
Toluene	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Toluene (mobile)	ND<11.8	µg/kg		LEA	97-1295-147	Volatile Organics
Trichloroethane,1,1,1-	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<211	µg/kg		LEA	97-1295-147	Volatile Organics
Trichloroethane,1,1,2-	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Trichloroethylene	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Trichloroethylene (mobile)	ND<20.7	µg/kg		LEA	97-1295-147	Volatile Organics
Trichloromonofluoromethane	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Trichloropropane,1,2,3-	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Vinyl Acetate	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Vinyl Chloride	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Xylene,o- (mobile)	ND<22.4	µg/kg		LEA	97-1295-147	Volatile Organics
Xylenes (Total)	ND<6.9	µg/kg		AEL	AEL97001966	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.0	µg/kg		LEA	97-1295-147	Volatile Organics

Sample Identifier 1026217 13:25 From 0 to 2 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.95	µg/kg		LEA	97-1296-148	Volatile Organics
Ethylbenzene (mobile)	ND<17.1	µg/kg		LEA	97-1296-148	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.5	µg/kg		LEA	97-1296-148	Volatile Organics
Toluene (mobile)	ND<12.0	µg/kg		LEA	97-1296-148	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<215	µg/kg		LEA	97-1296-148	Volatile Organics
Trichloroethylene (mobile)	ND<21.2	µg/kg		LEA	97-1296-148	Volatile Organics
Xylene,o- (mobile)	ND<22.8	µg/kg		LEA	97-1296-148	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.3	µg/kg		LEA	97-1296-148	Volatile Organics

Sample Identifier 1026218 13:30 From 2 to 4 Soil Boring

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: South Klondike Undeveloped Land Garbage Pile

Location Identifier SK-SB-131

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<8.28	µg/kg		LEA	97-1297-149	Volatile Organics
Ethylbenzene (mobile)	ND<17.8	µg/kg		LEA	97-1297-149	Volatile Organics
Tetrachloroethylene (mobile)	ND<22.3	µg/kg		LEA	97-1297-149	Volatile Organics
Toluene (mobile)	ND<12.5	µg/kg		LEA	97-1297-149	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<224	µg/kg		LEA	97-1297-149	Volatile Organics
Trichloroethylene (mobile)	ND<22.0	µg/kg		LEA	97-1297-149	Volatile Organics
Xylene,o- (mobile)	ND<23.8	µg/kg		LEA	97-1297-149	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.7	µg/kg		LEA	97-1297-149	Volatile Organics

Sample Identifier 1026219 13:35 From 4 to 6 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<8.11	µg/kg		LEA	97-1298-150	Volatile Organics
Ethylbenzene (mobile)	ND<17.4	µg/kg		LEA	97-1298-150	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.9	µg/kg		LEA	97-1298-150	Volatile Organics
Toluene (mobile)	ND<12.2	µg/kg		LEA	97-1298-150	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<219	µg/kg		LEA	97-1298-150	Volatile Organics
Trichloroethylene (mobile)	ND<21.6	µg/kg		LEA	97-1298-150	Volatile Organics
Xylene,o- (mobile)	ND<23.3	µg/kg		LEA	97-1298-150	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.5	µg/kg		LEA	97-1298-150	Volatile Organics

Sample Identifier 1026220 13:45 From 6 to 8 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.79	µg/kg		LEA	97-1299-151	Volatile Organics
Ethylbenzene (mobile)	ND<16.8	µg/kg		LEA	97-1299-151	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.0	µg/kg		LEA	97-1299-151	Volatile Organics
Toluene (mobile)	ND<11.8	µg/kg		LEA	97-1299-151	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<211	µg/kg		LEA	97-1299-151	Volatile Organics
Trichloroethylene (mobile)	ND<20.7	µg/kg		LEA	97-1299-151	Volatile Organics
Xylene,o- (mobile)	ND<22.4	µg/kg		LEA	97-1299-151	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.0	µg/kg		LEA	97-1299-151	Volatile Organics

Sample Identifier 1026221 13:50 From 8 to 10 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Arsenic	0.891	mg/kg		AEL	AEL97001967	Metals
Barium	52	mg/kg		AEL	AEL97001967	Metals
Cadmium	ND<3.68	mg/kg		AEL	AEL97001967	Metals
Chromium	8.46	mg/kg		AEL	AEL97001967	Metals
Lead	ND<24.5	mg/kg		AEL	AEL97001967	Metals
Mercury	ND<0.10	mg/kg		AEL	AEL97001967	Metals
Nickel	ND<12.3	mg/kg		AEL	AEL97001967	Metals
Selenium	ND<1.23	mg/kg		AEL	AEL97001967	Metals
Silver	ND<6.13	mg/kg		AEL	AEL97001967	Metals
Zinc	20.7	mg/kg		AEL	AEL97001967	Metals
PCB 1016	ND<0.24	mg/kg		AEL	AEL97001967	PCBs
PCB 1221	ND<0.24	mg/kg		AEL	AEL97001967	PCBs
PCB 1232	ND<0.24	mg/kg		AEL	AEL97001967	PCBs
PCB 1242	ND<0.24	mg/kg		AEL	AEL97001967	PCBs
PCB 1248	ND<0.24	mg/kg		AEL	AEL97001967	PCBs

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SUMMARY OF ANALYTICAL RESULTS
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Location Identifier SK-SB-131

PCB 1254	ND<0.24	mg/kg	AEL	AEL97001967	PCBs
PCB 1260	ND<0.24	mg/kg	AEL	AEL97001967	PCBs
Total Petroleum Hydrocarbons	ND<43.2	mg/kg	AEL	AEL97001967	Physical Analysis
Acetone	ND<43	µg/kg	AEL	AEL97001967	Volatile Organics
Acrolein	ND<21	µg/kg	AEL	AEL97001967	Volatile Organics
Acrylonitrile	ND<21	µg/kg	AEL	AEL97001967	Volatile Organics
Benzene	ND<8.5	µg/kg	AEL	AEL97001967	Volatile Organics
Benzene (mobile)	ND<7.64	µg/kg	LEA	97-1300-152	Volatile Organics
Bromobenzene	ND<8.5	µg/kg	AEL	AEL97001967	Volatile Organics
Bromoform	ND<8.5	µg/kg	AEL	AEL97001967	Volatile Organics
Carbon Disulfide	ND<8.5	µg/kg	AEL	AEL97001967	Volatile Organics
Carbon Tetrachloride	ND<8.5	µg/kg	AEL	AEL97001967	Volatile Organics
Chlorobenzene	ND<8.5	µg/kg	AEL	AEL97001967	Volatile Organics
Chlorodibromomethane	ND<8.5	µg/kg	AEL	AEL97001967	Volatile Organics
Chloroethane	ND<8.5	µg/kg	AEL	AEL97001967	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<8.5	µg/kg	AEL	AEL97001967	Volatile Organics
Chloroform	ND<8.5	µg/kg	AEL	AEL97001967	Volatile Organics
Chlorotoluene,o-	ND<8.5	µg/kg	AEL	AEL97001967	Volatile Organics
Chlorotoluene,p-	ND<8.5	µg/kg	AEL	AEL97001967	Volatile Organics
Dibromomethane	ND<8.5	µg/kg	AEL	AEL97001967	Volatile Organics
Dichlorobenzene,1,2-	ND<8.5	µg/kg	AEL	AEL97001967	Volatile Organics
Dichlorobenzene,1,3-	ND<8.5	µg/kg	AEL	AEL97001967	Volatile Organics
Dichlorobenzene,1,4-	ND<8.5	µg/kg	AEL	AEL97001967	Volatile Organics
Dichlorobromomethane	ND<8.5	µg/kg	AEL	AEL97001967	Volatile Organics
Dichlorodifluoromethane	ND<8.5	µg/kg	AEL	AEL97001967	Volatile Organics
Dichloroethane,1,1-	ND<8.5	µg/kg	AEL	AEL97001967	Volatile Organics
Dichloroethane,1,2-	ND<8.5	µg/kg	AEL	AEL97001967	Volatile Organics
Dichloroethylene,1,1-	ND<8.5	µg/kg	AEL	AEL97001967	Volatile Organics
Dichloroethylene,1,2-cis-	ND<8.5	µg/kg	AEL	AEL97001967	Volatile Organics
Dichloroethylene,1,2-trans-	ND<8.5	µg/kg	AEL	AEL97001967	Volatile Organics
Dichloropropane,1,2-	ND<8.5	µg/kg	AEL	AEL97001967	Volatile Organics
Dichloropropylene,1,3-cis-	ND<8.5	µg/kg	AEL	AEL97001967	Volatile Organics
Dichloropropylene,1,3-trans-	ND<8.5	µg/kg	AEL	AEL97001967	Volatile Organics
Ethylbenzene	ND<8.5	µg/kg	AEL	AEL97001967	Volatile Organics
Ethylbenzene (mobile)	ND<16.4	µg/kg	LEA	97-1300-152	Volatile Organics
Hexanone,2-	ND<21	µg/kg	AEL	AEL97001967	Volatile Organics
Methyl Bromide	ND<8.5	µg/kg	AEL	AEL97001967	Volatile Organics
Methyl Chloride	ND<8.5	µg/kg	AEL	AEL97001967	Volatile Organics
Methyl Ethyl Ketone	ND<21	µg/kg	AEL	AEL97001967	Volatile Organics
Methyl-2-pentanone,4-	ND<21	µg/kg	AEL	AEL97001967	Volatile Organics
Methyl-tert-butyl Ether	ND<8.5	µg/kg	AEL	AEL97001967	Volatile Organics
Methylene Chloride	ND<23	µg/kg	AEL	AEL97001967	Volatile Organics
Styrene	ND<8.5	µg/kg	AEL	AEL97001967	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<8.5	µg/kg	AEL	AEL97001967	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<8.5	µg/kg	AEL	AEL97001967	Volatile Organics
Tetrachloroethylene	ND<8.5	µg/kg	AEL	AEL97001967	Volatile Organics
Tetrachloroethylene (mobile)	ND<20.6	µg/kg	LEA	97-1300-152	Volatile Organics
Toluene	ND<8.5	µg/kg	AEL	AEL97001967	Volatile Organics
Toluene (mobile)	ND<11.5	µg/kg	LEA	97-1300-152	Volatile Organics

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
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Trichloroethane,1,1,1-	ND<8.5	µg/kg		AEL	AEL97001967	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<207	µg/kg		LEA	97-1300-152	Volatile Organics
Trichloroethane,1,1,2-	ND<8.5	µg/kg		AEL	AEL97001967	Volatile Organics
Trichloroethylene	ND<8.5	µg/kg		AEL	AEL97001967	Volatile Organics
Trichloroethylene (mobile)	ND<20.3	µg/kg		LEA	97-1300-152	Volatile Organics
Trichloromonofluoromethane	ND<8.5	µg/kg		AEL	AEL97001967	Volatile Organics
Trichloropropane,1,2,3-	ND<8.5	µg/kg		AEL	AEL97001967	Volatile Organics
Vinyl Acetate	ND<8.5	µg/kg		AEL	AEL97001967	Volatile Organics
Vinyl Chloride	ND<8.5	µg/kg		AEL	AEL97001967	Volatile Organics
Xylene,o- (mobile)	ND<21.9	µg/kg		LEA	97-1300-152	Volatile Organics
Xylenes (Total)	ND<8.5	µg/kg		AEL	AEL97001967	Volatile Organics
Xylenes,m- & p- (mobile)	ND<10.8	µg/kg		LEA	97-1300-152	Volatile Organics

Sample Identifier 1026222 13:55 From 10 to 12 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.79	µg/kg		LEA	97-1302-154	Volatile Organics
Ethylbenzene (mobile)	ND<16.8	µg/kg		LEA	97-1302-154	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.0	µg/kg		LEA	97-1302-154	Volatile Organics
Toluene (mobile)	ND<11.8	µg/kg		LEA	97-1302-154	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<211	µg/kg		LEA	97-1302-154	Volatile Organics
Trichloroethylene (mobile)	ND<20.7	µg/kg		LEA	97-1302-154	Volatile Organics
Xylene,o- (mobile)	ND<22.4	µg/kg		LEA	97-1302-154	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.0	µg/kg		LEA	97-1302-154	Volatile Organics

Sample Identifier 1026223 14:00 From 12 to 14 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<7.79	µg/kg		LEA	97-1303-155	Volatile Organics
Ethylbenzene (mobile)	ND<16.8	µg/kg		LEA	97-1303-155	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.0	µg/kg		LEA	97-1303-155	Volatile Organics
Toluene (mobile)	ND<11.8	µg/kg		LEA	97-1303-155	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<211	µg/kg		LEA	97-1303-155	Volatile Organics
Trichloroethylene (mobile)	ND<20.7	µg/kg		LEA	97-1303-155	Volatile Organics
Xylene,o- (mobile)	ND<22.4	µg/kg		LEA	97-1303-155	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.0	µg/kg		LEA	97-1303-155	Volatile Organics

Sample Identifier 1026224 14:05 From 14 to 16 Soil Boring

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Benzene (mobile)	ND<8.11	µg/kg		LEA	97-1301-153	Volatile Organics
Ethylbenzene (mobile)	ND<17.4	µg/kg		LEA	97-1301-153	Volatile Organics
Tetrachloroethylene (mobile)	ND<21.9	µg/kg		LEA	97-1301-153	Volatile Organics
Toluene (mobile)	ND<12.2	µg/kg		LEA	97-1301-153	Volatile Organics
Trichloroethane,1,1,1- (mobile)	ND<219	µg/kg		LEA	97-1301-153	Volatile Organics
Trichloroethylene (mobile)	ND<21.6	µg/kg		LEA	97-1301-153	Volatile Organics
Xylene,o- (mobile)	ND<23.3	µg/kg		LEA	97-1301-153	Volatile Organics
Xylenes,m- & p- (mobile)	ND<11.5	µg/kg		LEA	97-1301-153	Volatile Organics

Sample Date 2/ 7/97
Sample Identifier 1026226 14:10 From 9.0 to 11.0 Ground Water

LEA Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: South Klondike Undeveloped Land Garbage Pile

Location Identifier SK-SB-131

Chemical Name	Concentration	Units	Flags	Lab.	Lab. Number	Chemical Class
Acetone	ND<4.0	µg/L		AEL	AEL97001702	Volatile Organics
Acrolein	ND<15	µg/L		AEL	AEL97001702	Volatile Organics
Acrylonitrile	ND<0.65	µg/L		AEL	AEL97001702	Volatile Organics
Benzene	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Bromobenzene	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Bromoform	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Carbon Disulfide	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Carbon Tetrachloride	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Chlorobenzene	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Chlorodibromomethane	ND<0.50	µg/L		AEL	AEL97001702	Volatile Organics
Chloroethane	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Chloroethyl Vinyl Ether,2-	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Chloroform	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Chlorotoluene,o-	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Chlorotoluene,p-	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Dibromomethane	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Dichlorobenzene,1,2-	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Dichlorobenzene,1,3-	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Dichlorobenzene,1,4-	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Dichlorobromomethane	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Dichlorodifluoromethane	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Dichloroethane,1,1-	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Dichloroethane,1,2-	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Dichloroethylene,1,1-	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Dichloroethylene,1,2-cis-	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Dichloroethylene,1,2-trans-	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Dichloropropane,1,2-	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Dichloropropylene,1,3-cis-	ND<0.50	µg/L		AEL	AEL97001702	Volatile Organics
Dichloropropylene,1,3-trans-	ND<0.50	µg/L		AEL	AEL97001702	Volatile Organics
Ethylbenzene	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Hexanone,2-	ND<2.0	µg/L		AEL	AEL97001702	Volatile Organics
Methyl Bromide	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Methyl Chloride	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Methyl Ethyl Ketone	ND<2.0	µg/L		AEL	AEL97001702	Volatile Organics
Methyl-2-pentanone,4-	ND<2.0	µg/L		AEL	AEL97001702	Volatile Organics
Methyl-tert-butyl Ether	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Methylene Chloride	ND<2.0	µg/L		AEL	AEL97001702	Volatile Organics
Styrene	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Tetrachloroethane,1,1,1,2-	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Tetrachloroethane,1,1,2,2-	ND<0.50	µg/L		AEL	AEL97001702	Volatile Organics
Tetrachloroethylene	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Toluene	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Trichloroethane,1,1,1-	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Trichloroethane,1,1,2-	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Trichloroethylene	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Trichloromonofluoromethane	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Trichloropropane,1,2,3-	ND<1.0	µg/L		AEL	AEL97001702	Volatile Organics
Vinyl Acetate	ND<2.0	µg/L		AEL	AEL97001702	Volatile Organics

Data Management

SUMMARY OF ANALYTICAL RESULTS
P&W East Hartford: South Klondike Undeveloped Land Garbage Pile

Location Identifier SK-SB-131

Vinyl Chloride	ND<1.0	µg/L	AEL	AEL97001702	Volatile Organics
Xylenes (Total)	ND<1.0	µg/L	AEL	AEL97001702	Volatile Organics