



ICF Kaiser Engineers, Inc.
2113 Emmorton Park Road, Suite 100
Edgewood, Maryland 21040
410/612-6350 Fax 410/612-6351

February 20, 1997

Ms. Andrea Anderson
U.S. Army Corps of Engineers
Attn: CENAB-EH-H
10 South Howard Street
Baltimore, MD 21203-1715

RE: Submittal of Delivery Order No. 0006 Sampling Results for Camp Pedricktown PCB Transformer Survey, Contract No. DACA31-95-D-0083

Dear Ms. Anderson:

A PCB Transformer Survey was performed at Camp Pedricktown to investigate soils near 14 electrical transformers potentially containing PCBs. Six surface soil samples were collected beneath the pole mounted transformers on Base Realignment and Closure Act (BRAC) property and analyzed for PCBs. The soil samples were collected from 0-6 inches below ground surface using decontaminated stainless steel scoops and bowls.

Soil samples were collected beneath the following transformer locations: one transformer north of Building 197; three transformers east of Building 322; three transformers south of Building 351; three transformers north of Building 371; one transformer west of Building 380; and three transformers northwest of Building 380. A duplicate sample was collected from one location. No unusual soil staining or stressed vegetation was noted beneath any of the transformers. A rinse blank was collected from the field sampling equipment and analyzed for PCBs.

The samples were analyzed for PCBs following USEPA Method 8080 by Laboratory Resources, Inc. (Teterboro, New Jersey). An analytical data report prepared by Laboratory Resources is included as Attachment A. Each sample was below the detection limit for PCBs and below the New Jersey (to be considered) residential Soil Cleanup Criteria (SCC) and non-residential SCC.

If you have any questions regarding this submittal, please contact me at 410-612-6314.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "F. Poli".

Frederick M. Poli, P.E.
Project Manager

03-103-001

Attachment A



LRI QUOTE # _____

CUSTOMER: ICE KAISER ENG
ADDRESS: C/O FRED POUL
2115 LAMMINGTON PARK ROAD
EDGEWOOD, MD 21040
TELEPHONE: 410-612-6314
FAX: 410-612-6351

PROJECT: CAMP PEDEKETTOWN
PROJECT LOCATION: CAMP PEDEKETTOWN STATE: NJ
PROJECT MANAGER: FRED POUL
IN CASE WE HAVE ANY QUESTIONS WHEN SAMPLES ARRIVE WE SHOULD CALL:
NAME: ROB GASCOINE
TELEPHONE: 609-351-1229
FAX: 609-351-1232

BILL TO: ICE KAISER ENGINEERS
ADDRESS: C/O FRED POUL
2115 LAMMINGTON PARK ROAD
ATTENTION: EDGEWOOD, MD 21040
TELEPHONE: 410 612-6314
PO #: 66706-402-02

LAB ID CODE	SAMPLE IDENTIFICATION	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE		SAMPLE MATRIX	# OF BOTTLES	ANALYSIS								PRESERVATIVE				
				COMPOSITE	GRAB											PH2O4	HCL	HNO3	NAOH	NON-S
	PDSS01-1	11/11/90	1030		X	SOIL	1	X												
	PDSS02-1		1045		Y	SOIL	1	X												
	PDSS03-1		1100		X	SOIL	1	X												
	PDSS04-1		1115		X	SOIL	1	Y												
	PDSS05-1		1130		X	SOIL	1	X												
	PDSS06-1		1145		X	SOIL	1	X												
	PDSS07-1D		1030		X	SOIL	1	X												
	PDRB01		0155		X	AWWERS	2	X												RINSE BLANK

COOLER TEMP: _____ CUSTODY SEAL#: 20333 21 DAY RETURNED

TURNAROUND (INDICATE IN CALENDAR DAYS): _____ FAX _____ HARD COPY _____ DELIV. PKG. _____

NAME OF LAB PERSONNEL CONFIRMING: _____

DELIVERABLES / (CIRCLE ONE): DATA DATA/QC RED/DELIV NJ/CLP I NJ/CLP II
NJ/REGL NY/ASP CLP OTHER _____

SAMPLER / AFFILIATION: P. M. C. / ICE KAISER DATE: 11/12/90

RECEIVED / AFFILIATION: _____ TIME: 1330

RELINQUISHED / AFFILIATION: _____ DATE: _____

RECEIVED / AFFILIATION: _____ TIME: _____

RELINQUISHED / AFFILIATION: _____ DATE: _____

RECEIVED / AFFILIATION: _____ TIME: _____

RESIDUAL CHLORINE PRESENT: YES NO

RETURN TO CLIENT FOR DISPOSAL LAB DISPOSAL

KNOWN HAZARD (FLAMMABLE, EXPLOSIVE, TOXIC)
 YES NO (IF YES EXPLAIN UNDER COMMENTS)

LAB USE CONDITIONS OF BOTTLES AND COOLER AT RECEIPT:
 COMPLIANT NOT COMPLIANT (IF NOT EXPLAIN UNDER COMMENTS)

COMMENTS: PDRB01 - RINSE BLANK
21 DAY RETURNED ON IRB SAMPLE

PCB ANALYSIS FOR
Soil SAMPLES.

} 103501

- 103501-10



Laboratory Resources, Inc.

100 Hollister Road
Teterboro, New Jersey 07608
Telephone : 201-288-3700
Fax : 201-288-5311

Facsimile Transmittal Information Sheet

Date : 12/19

To : Grey

Company : _____

Fax No. : 416-612-6351

From : De. Glass

Dept. : _____

Number Of Pages (Including this sheet) : 13

Comments :

Please contact us if you have any problems receiving this fax .

Thank You

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

PDSS02-1

1B

Signal 1

Lab Name: LRI Contract:
Project No.: Site: Location: Group:
Matrix: (soil/water) SOIL Method 8080 Lab Sample ID: T611169-02
Sample wt/vol: 30.0 (g/mL) G Lab File ID: K4514.D
Level: (low/med) LOW Date Received: 11/12/96
% Moisture: 18 decanted: (Y/N): N Date Extracted: 11/13/96
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/20/96
Injection Volume: 1.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH:

Concentration Units:

Table with columns: CAS No., Compound, (ug/L or ug/Kg), ug/Kg, Q. Rows include Aroclor 1016, 1221, 1232, 1242, 1248, 1254, 1260.

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

PDSS03-1

13

Signal 1

Lab Name: LRI Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) SOIL Method 8080 Lab Sample ID: T611169-03

Sample wt/vol: 30.0 (g/mL) G Lab File ID: K4515.D

Level: (low/med) LOW Date Received: 11/12/96

% Moisture: 12 decanted: (Y/N): N Date Extracted: 11/13/96

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/20/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS No.	Compound	Concentration Units:		Q
		(ug/L or ug/Kg)	ug/Kg	
12674-11-2	Aroclor 1016		19	U
11104-28-2	Aroclor 1221		19	U
11141-16-5	Aroclor 1232		19	U
53469-21-9	Aroclor 1242		19	U
12672-29-6	Aroclor 1248		19	U
11097-69-1	Aroclor 1254		19	U
11096-82-5	Aroclor 1260		19	U

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

P'DSS05-1

Lab Name: LRI Contract: _____
 Project No.: _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) SOIL Method 8080 Lab Sample ID: T611169-05
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: K4517.D
 Level: (low/med) LOW Date Received: 11/12/96
 % Moisture: 7 decanted: (Y/N): N Date Extracted: 11/13/96
 Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/20/96
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

Concentration Units:

CAS No.	Compound	Concentration Units:		Q
		(ug/L or ug/Kg)	ug/Kg	
12674-11-2	Aroclor 1016	18		U
11104-28-2	Aroclor 1221	18		U
11141-16-5	Aroclor 1232	18		U
53469-21-9	Aroclor 1242	18		U
12672-29-6	Aroclor 1248	18		U
11097-69-1	Aroclor 1254	18		U
11096-82-5	Aroclor 1260	18		U

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

PDSS06-1

Signal 1

Lab Name: LRI Contract: _____

Project No : _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) SOIL Method 8080 Lab Sample ID: TG11169-06

Sample wt/vol: 30.0 (g/mL) G Lab File ID: K4520.D

Level: (low/med) LOW Date Received: 11/12/96

% Moisture: 9 decanted: (Y/N): N Date Extracted: 11/13/96

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/20/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS No.	Compound	Concentration Units:		Q
		(ug/L or ug/Kg)	ug/Kg	
12674-11-2	Aroclor 1016		18	U
11104-28-2	Aroclor 1221		18	U
11141-16-5	Aroclor 1232		18	U
53469-21-9	Aroclor 1242		18	U
12672-29-6	Aroclor 1248		18	U
11097-69-1	Aroclor 1254		18	U
11096-82-5	Aroclor 1260		18	U

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IB
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

PDSS07-1

Lab Name: LRI Contract: _____
 Project No.: _____ Site: _____ Location: _____ Group: _____
 Matrix: (soil/water) SOIL Method 8080 Lab Sample ID: T611169-07
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: K4521.D
 Level: (low/med) LOW Date Received: 11/12/96
 % Moisture: 17 decanted: (Y/N): N Date Extracted: 11/13/96
 Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/20/96
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	ug/Kg	Q
12674-11-2	Aroclor 1016		20	U
11104-28-2	Aroclor 1221		20	U
11141-16-5	Aroclor 1232		20	U
53469-21-9	Aroclor 1242		20	U
12672-29-6	Aroclor 1248		20	U
11097-69-1	Aroclor 1254		20	U
11096-82-5	Aroclor 1260		20	U

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IR
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Signal 1

PDRB01

Lab Name: LRI Contract: _____

Project No.: _____ Site: _____ Location: _____ Group: _____

Matrix: (soil/water) WATER Method 8080 Lab Sample ID: T611169-08

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: K4505.D

Level: (low/med) _____ Date Received: 11/12/96

% Moisture: 100 decanted: (Y/N): N Date Extracted: 11/14/96

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/19/96

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	ug/L	Q
12674-11-2	Aroclor 1016		0.50	U
11104-28-2	Aroclor 1221		0.50	U
11141-16-5	Aroclor 1232		0.50	U
53469-21-9	Aroclor 1242		0.50	U
12672-29-6	Aroclor 1248		0.50	U
11097-69-1	Aroclor 1254		0.50	U
11096-82-5	Aroclor 1260		0.50	U

FORM ISV

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3/96