APPENDIX C

LABORATORY REPORTS

CPP-54

APPENDIX C
PART 1

LABORATORY INORGANIC ANALYSIS RESULTS

TABLE C.1

EXPLANATION OF LABORATORY INORGANIC RESULT QUALIFIERS

B	-	The reported value is less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.
U	-	The analyte was analyzed for but not detected. The reported value is the sample quantitation limit.
E	-	The reported value is estimated due to the presence of interference(s).
M	-	The duplicate injection precision requirement was not met for graphite furnace AA.
N	-	The spiked sample recovery was not within control limits.
S	-	The reported value was determined by the Method of Standard Additions.
W	-	The post-digesting spike for Furnace AA analysis was out of specification while the sample absorbance was less than 50% of the spike absorbance.
*	-	The duplicate analysis was not within control limits.
+	-	The correlation coefficient for the MSA was less than 0.995.

CPP54-01-M-1-1

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

CPP54-

Lab Name: G S E L I Contract:

Lab Code: GULF Case No.: SAS No.: SDG No.: CPP64-

Matrix (soil/water): SOIL Lab Sample ID: EHL-06

Level (low/med): LOW Date Received: 06/15/90

% Solids: 94.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2110			P
7440-36-0	Antimony	11.2		N	P
7440-38-2	Arsenic	2.9		*	F
7440-39-3	Barium	52.9		N	P
7440-41-7	Beryllium	0.21	B		P
7440-43-9	Cadmium	0.35	U		P
7440-70-2	Calcium	24700		E	P
7440-47-3	Chromium	9.5			P
7440-48-4	Cobalt	3.0	B		P
7440-50-8	Copper	9.9			P
7439-89-6	Iron	5250			P
7439-92-1	Lead	14.7		*	F
7439-95-4	Magnesium	2170			P
7439-96-5	Manganese	96.1			P
7439-97-6	Mercury	0.29		N	CV
7440-02-0	Nickel	9.5			P
7440-09-7	Potassium	377	B	E	P
7782-49-2	Selenium	0.62	B	NW	F
7440-22-4	Silver	0.53	B	N	P
7440-23-5	Sodium	92.8	B		P
7440-28-0	Thallium	0.60	B	NW	F
7440-62-2	Vanadium	10.9			P
7440-66-6	Zinc	33.5			P
	Cyanide	0.40	U		C
	Tin	10.6	U		

Color Before: BROWN Clarity Before: Texture: COARSE

Color After: CLEAR Clarity After: Artifacts:

Comments:
SAMPLE CONTAINED SMALL ROCKS.

CPP54-01-TX-3-2

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

Z48907

Lab Name: PACIFIC NW ENV LABORATORY Contract:

Lab Code: PNEL Case No.: SAS No.: SDG No.: PN2487

Matrix (soil/water): SOIL Lab Sample ID: 2489-07

Level (low/med): LOW Date Received: 06/15/90

% Solids: 84.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	5.3			F
7440-39-3	Barium	189			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	1.1	U	N	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	19.3			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron	14700		E	P
7439-92-1	Lead	11.1		N	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	26.4			P
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.71	U	N	F
7440-22-4	Silver	2.2	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: GREY Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: Artifacts: YES

Comments:

000003

CPP54-01-TX-5-3

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

Z48910

Lab Name: PACIFIC NW ENV LABORATORY Contract:

Lab Code: PNEL Case No.: SAS No.: SDG No.: PN2487

Matrix (soil/water): SOIL Lab Sample ID: 2489-10

Level (low/med): LOW Date Received: 06/15/90

% Solids: 95.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	3.8			F
7440-39-3	Barium	58.3			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	1.1	U	N	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	11.2			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron	8640		E	P
7439-92-1	Lead	5.7		N	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.11	U		NR
7440-02-0	Nickel	15.8			P
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.65	U	N	F
7440-22-4	Silver	2.1	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: GREY Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: Artifacts: YES

Comments:

000004

CPP54-TX-02-TX-1-

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

Z48913

Lab Name: PACIFIC NW ENV LABORATORY Contract:

Lab Code: PNEL Case No.: SAS No.: SDG No.: PN2487

Matrix (soil/water): SOIL Lab Sample ID: 2489-13

Level (low/med): LOW Date Received: 06/15/90

% Solids: 95.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	2.8			F
7440-39-3	Barium	66.0			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	1.0	U	N	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	8.1			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron	8370		E	P
7439-92-1	Lead	7.5		N	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	14.3			P
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.66	U	WN	F
7440-22-4	Silver	2.1	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: GREY Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: Artifacts: YES

Comments:

000005

CPP54-02-TX-3-2

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

Z48929

Lab Name: PACIFIC NW ENV LABORATORY Contract:

Lab Code: PNEL Case No.: SAS No.: SDG No.: PN2487

Matrix (soil/water): SOIL Lab Sample ID: 2489-29

Level (low/med): LOW Date Received: 06/15/90

% Solids: 83.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	4.8			F
7440-39-3	Barium	204			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	1.3	U	N	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	24.3			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron	19800		E	P
7439-92-1	Lead	13.1		N	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.11	U		CV
7440-02-0	Nickel	31.8			P
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.76	U	W N	F
7440-22-4	Silver	2.7			P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: GREY Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: Artifacts: YES

Comments:

000010

CPP54-02-TX-5-3

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

Z48932

Lab Name: PACIFIC NW ENV LABORATORY Contract:

Lab Code: PNEL Case No.: SAS No.: SDG No.: PN2487

Matrix (soil/water): SOIL Lab Sample ID: 2489-32

Level (low/med): LOW Date Received: 06/15/90

% Solids: 98.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	4.2			F
7440-39-3	Barium	80.6			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	1.1	U	N	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	15.6			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron	9860		E	P
7439-92-1	Lead	7.6		N	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.09	U		CV
7440-02-0	Nickel	14.7			P
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.64	U	N	F
7440-22-4	Silver	2.3	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: GREY Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: Artifacts: YES

Comments:

000011

CPP54-03-TX-1-1

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EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

Z49408

Lab Name: PACIFIC NW ENV LABORATORY Contract:

Lab Code: PNEL Case No.: SAS No.: SDG No.: PN2494

Matrix (soil/water): SOIL Lab Sample ID: 2494-08

Level (low/med): LOW Date Received: 06/16/90

% Solids: 89.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	6.4			F
7440-39-3	Barium	164			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	1.1	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	14.4		*	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron	11100		E	P
7439-92-1	Lead	11.0		N	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.11	U		CV
7440-02-0	Nickel	24.1			P
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.66	U	NW	F
7440-22-4	Silver	2.3	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

olor Before: GREY Clarity Before: Texture: COARSE

lor After: YELLOW Clarity After: Artifacts: YES

omments:

CPP54-03-TX-3-2

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

Z49411

Lab Name: PACIFIC NW ENV LABORATORY Contract:

Lab Code: PNEL Case No.: SAS No.: SDG No.: PN2494

Matrix (soil/water): SOIL Lab Sample ID: 2494-11

Level (low/med): LOW Date Received: 06/16/90

% Solids: 86.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	5.7		S	F
7440-39-3	Barium	147			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	1.2	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	18.0		*	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron	11600		E	P
7439-92-1	Lead	9.0		NW	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.11	U		CV
7440-02-0	Nickel	23.1			P
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.70	U	NW	F
7440-22-4	Silver	2.4	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: GREY Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: Artifacts: YES

Comments:

CPP54-03-TX-5-3

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

Z49413

Lab Name: PACIFIC NW ENV LABORATORY Contract:

Lab Code: PNEL Case No.: SAS No.: SDG No.: PN2494

Matrix (soil/water): SOIL Lab Sample ID: 2494-13

Level (low/med): LOW Date Received: 06/16/90

% Solids: 94.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	3.8	B	S	F
7440-39-3	Barium	33.9	B		P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	1.1	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	9.7		*	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron	6830		E	P
7439-92-1	Lead	7.1		N	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	11.8			P
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.63	U	N	F
7440-22-4	Silver	2.1	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: GREY Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: Artifacts: YES

Comments:

CPP54-04-TX-1-1

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EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

Z49416

Lab Name: PACIFIC NW ENV LABORATORY Contract:

Lab Code: PNEL Case No.: SAS No.: SDG No.: PN2494

Matrix (soil/water): SOIL Lab Sample ID: 2494-16

Level (low/med): LOW Date Received: 06/16/90

% Solids: 88.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	5.3		S	F
7440-39-3	Barium	194			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	1.1	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	14.3		*	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron	10100		E	P
7439-92-1	Lead	18.1		NS	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.11	U		CV
7440-02-0	Nickel	18.6			P
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.66	U	NW	F
7440-22-4	Silver	2.2	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

.or Before: GREY Clarity Before: Texture: COARSE

olor After: YELLOW Clarity After: Artifacts: YES

ments:

CPP54-04-TX-3-2

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

Z49419

Lab Name: PACIFIC NW ENV LABORATORY Contract:

Lab Code: PNEL Case No.: SAS No.: SDG No.: PN2494

Matrix (soil/water): SOIL Lab Sample ID: 2494-19

Level (low/med): LOW Date Received: 06/16/90

% Solids: 92.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	8.8		S	F
7440-39-3	Barium	94.1			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	1.1	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	13.2		*	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron	8930		E	P
7439-92-1	Lead	13.8		N	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.11	U		CV
7440-02-0	Nickel	14.7			P
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.62	U	NW	F
7440-22-4	Silver	2.1	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

olor Before: GREY Clarity Before: Texture: COARSE

lor After: YELLOW Clarity After: Artifacts: YES

omments:

CPP54-04-TX-5-3

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

249422

Lab Name: PACIFIC NW ENV LABORATORY Contract:

Lab Code: PNEL Case No.: SAS No.: SDG No.: PN2494

Matrix (soil/water): SOIL Lab Sample ID: 2494-22

Level (low/med): LOW Date Received: 06/16/90

% Solids: 90.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	6.8		S	F
7440-39-3	Barium	111			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	1.1	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	15.1		*	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron	10800		E	P
7439-92-1	Lead	6.7		N	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.11	U		CV
7440-02-0	Nickel	17.4			P
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.65	U	NW	F
7440-22-4	Silver	2.2	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: GREY Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: Artifacts: YES

Comments:

Field Duplicate
CPP54-04-TX-5-3-D

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

249423

Lab Name: PACIFIC NW ENV LABORATORY Contract:

Lab Code: PNEL Case No.: SAS No.: SDG No.: PN2494

Matrix (soil/water): SOIL Lab Sample ID: 2494-23

Level (low/med): LOW Date Received: 06/16/90

% Solids: 93.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	4.5		S	F
7440-39-3	Barium	99.5			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	1.1	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	14.0		*	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron	10200		E	P
7439-92-1	Lead	5.9		N	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	15.2			P
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.64	U	N	F
7440-22-4	Silver	2.1	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

olor Before: GREY Clarity Before: Texture: COARSE

lor After: YELLOW Clarity After: Artifacts: YES

omments:

CPP54-05-TX-1-1

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

249427

Lab Name: PACIFIC NW ENV LABORATORY Contract:

Lab Code: PNEL Case No.: SAS No.: SDG No.: PN2494

Matrix (soil/water): SOIL Lab Sample ID: 2494-27

Level (low/med): LOW Date Received: 06/16/90

% Solids: 91.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	3.8	B	S	F
7440-39-3	Barium	93.2			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	1.1	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	13.8		*	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron	9390		E	P
7439-92-1	Lead	8.7		N	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	16.0			P
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.68	U	N	F
7440-22-4	Silver	2.2	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

lor Before: GREY Clarity Before: Texture: COARSE

olor After: YELLOW Clarity After: Artifacts: YES

omments:

CPP54-05-TX-3-2

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

Z49430

Lab Name: PACIFIC NW ENV LABORATORY Contract:

Lab Code: PNEL Case No.: SAS No.: SDG No.: PN2494

Matrix (soil/water): SOIL Lab Sample ID: 2494-30

Level (low/med): LOW Date Received: 06/16/90

% Solids: 87.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	4.3			F
7440-39-3	Barium	154			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	1.2	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	17.2		*	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron	11800		E	P
7439-92-1	Lead	16.3		N	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.11	U		CV
7440-02-0	Nickel	21.8			P
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.72	U	N	F
7440-22-4	Silver	2.3	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: GREY Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: Artifacts: YES

Comments:

CPP54-05-TX-5-

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

Z49433

Lab Name: PACIFIC NW ENV LABORATORY Contract:

Lab Code: PNEL Case No.: SAS No.: SDG No.: PN2494

Matrix (soil/water): SOIL Lab Sample ID: 2494-33

Level (low/med): LOW Date Received: 06/16/90

% Solids: 94.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	2.4			F
7440-39-3	Barium	52.8			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	10.2		*	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron	6480		E	P
7439-92-1	Lead	4.1		N	F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	11.5			P
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.63	U	N	F
7440-22-4	Silver	2.1	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: GREY Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: Artifacts: YES

Comments:

APPENDIX C
PART 2

LABORATORY VOLATILE ORGANIC ANALYSIS RESULTS

TABLE C.2

EXPLANATION OF LABORATORY
ORGANIC RESULT QUALIFIERS

U	-	Indicates the compound was analyzed for but not detected. The result reported is the sample quantitation limit.
J	-	Indicates an estimated value.
UA	-	Indicates the compound was not detected and reference standards were available for calibration.
UB	-	Indicate the compound was not detected by a mass spectral library search because calibration standards were unavailable.
UC	-	Indicates the compound was not analyzed for because no mass spectra were available in the instrument library and no suitable calibration standards were available.

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP54-01-V1-1-1

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: GOLDER SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: EHL04R

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VOEHL04R

Level: (low/med) LOW Date Received: 06/15/90

% Moisture: not dec. 6 Date Analyzed: 06/28/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Methyl Chloride	11	UA
74-83-9	Methyl Bromide	11	UA
75-01-4	Vinyl Chloride	11	UA
75-00-3	Chloroethane	11	UA
75-09-2	Methylene Chloride	7	BA
67-64-1	Acetone	20	BA
75-15-0	Carbon Disulfide	5	UA
75-35-4	1,1-Dichloroethylene	5	UA
75-34-3	1,1-Dichloroethane	5	UA
67-66-3	Chloroform	5	UA
107-06-2	1,2-Dichloroethane	5	UA
78-93-3	Methyl ethyl ketone	11	UA
71-55-6	1,1,1-Trichloroethane	5	UA
56-23-5	Carbon Tetrachloride	5	UA
108-05-4	Vinyl Acetate	11	UA
75-27-4	Dichlorobromomethane	11	UA
78-87-5	1,2-Dichloropropane	5	UA
10061-01-5	cis-1,3-Dichloropropylene	5	UA
79-01-6	Trichloroethylene	5	UA
124-48-1	Dibromochloromethane	5	UA
79-00-5	1,1,2-Trichloroethane	5	UA
71-43-2	Benzene	5	UA
10061-02-6	Trans-1,3-Dichloropropylene	5	UA
75-25-2	Bromoform	5	UA
108-10-1	4-Methyl-2-Pentanone	11	UA
591-78-6	2-Hexanone	11	UA
127-18-4	Tetrachloroethylene	5	UA
79-34-5	1,1,2,2-Tetrachloroethane	5	UA
108-88-3	Toluene	5	UA
108-90-7	Chlorobenzene	5	UA
100-41-4	Ethylbenzene	5	UA
100-42-5	Styrene	5	UA
1330-20-7	Xylene (total)	5	UA
75-08-8	Acetonitrile	27	UA
107-02-8	Acrolein	27	UA
107-13-1	Acrylonitrile	27	UA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP54-01-V1-1-1

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: GOLDER SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: EHL04R

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VOEHL04R

Level: (low/med) LOW Date Received: 06/15/90

% Moisture: not dec. 6 Date Analyzed: 06/28/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107-05-1	Allyl Chloride	11	UA
598-31-2	Bromoacetone	11	UB
106-89-8	1-Chloro-2,3-epoxypropane	53	UB
124-48-1	Chlorodibromomethane	5	UA
110-75-8	2-Chloroethylvinyl ether	11	UA
107-30-2	Chloromethyl methyl ether	0	UC
126-99-8	Chloroprene	0	UC
4170-30-3	Crotonaldehyde	27	UB
96-12-8	1,2-Dibromo-3-chloropropane	11	UA
107-06-2	1,2-Dibromoethane	11	UA
764-41-0	trans-1,4-Dicholoro-2-butene	5	UA
75-71-8	Dichlorodifluoromethane	11	UA
156-60-5	1,2-Trans-dichloroethylene	5	UA
142-28-9	1,3-Dichloropropane	5	UB
78-88-6	2,3-Dichloropropene	5	UB
1464-53-5	1,2,3,4-Diepoxybutane	0	UC
616-40-0	N,N-Diethylhydrazine	0	UC
123-91-1	1,4-Dioxane	110	UA
107-12-0	Ethylcyanide	11	UA
76-13-1	Freon TF	5	UB
50-00-0	Formaldehyde	0	UC
74-88-4	Iodomethane	5	UA
78-83-1	Isobutyl alcohol	110	UA
126-98-7	Methacrylonitrile	27	UA
60-34-4	Methyl hydrazine	0	UC
123-63-7	Paraldehyde	0	UC
76-01-7	Pentachloroethane	5	UB
600-20-6	1,1,1,2-Tetrachloroethane	5	UA
509-14-8	Tetranitromethane	0	UC
75-70-7	Trichloromethanethiol	0	UC
75-69-4	Trichlorofluoromethane	5	UA
598-77-6	1,1,2-Trichloropropane	11	UB
3175-23-3	1,2,2-Trichloropropane	11	UB
96-18-4	1,2,3-Trichloropropane	11	UA

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CPP54-01-V1-1-1

Lab Name: G S E L I Contract: _____

Lab Code: GULF Case No.: GOLDER SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: EHL04R

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VOEHL04R

Level: (low/med) LOW Date Received: 06/15/90

% Moisture: not dec. 6 Date Analyzed: 06/28/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP54
01-V2-3-2

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2489__ SAS No.: _____ SDG No.: CPP54_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2489-06_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B4549_____

Level: (low/med) LOW___ Date Received: 06/15/90

% Moisture: not dec. ___6 Date Analyzed: 06/20/90

Column: (pack/cap) PACK__ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

000038

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CPP54
01-V2-3-2

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2489__ SAS No.: _____ SDG No.: CPP54_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2489-06_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B4549_____

Level: (low/med) LOW___ Date Received: 06/15/90

% Moisture: not dec. ___6 Date Analyzed: 06/20/90

Column (pack/cap) PACK__ Dilution Factor: 1.0_____

Number TICs found: __0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

000039

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
CPP54
01-V2-5-3

Lab Name: PNELI Contract: INEL

Lab Code: PNELI Case No.: 2489 SAS No.: SDG No.: CPP54

Matrix: (soil/water) SOIL Lab Sample ID: 2489-09

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B4550

Level: (low/med) LOW Date Received: 06/15/90

% Moisture: not dec. 4 Date Analyzed: 06/20/90

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

000040

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CPP54
01-V2-5-3

Lab Name: FNELI_____ Contract: INEL_____

Lab Code: FNELI__ Case No.: 2489__ SAS No.: _____ SDG No.: CPP54_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2489-09_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B4550_____

Level: (low/med) LOW___ Date Received: 06/15/90

% Moisture: not dec. ___4 Date Analyzed: 06/20/90

Column (pack/cap) PACK__ Dilution Factor: 1.0_____

Number TICs found: __0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

000041

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
CPP54
02-V2-1-1

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2489__ SAS No.: _____ SDG No.: CPP54_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2489-12_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B4557_____

Level: (low/med) LOW___ Date Received: 06/15/90

% Moisture: not dec. ___5 Date Analyzed: 06/21/90

Column: (pack/cap) PACK__ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	1	J
67-64-1	Acetone	6	BJ
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	4	J

000044

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CPP54
02-V2-1-1

Lab Name: FNELI_____ Contract: INEL_____

Lab Code: FNELI__ Case No.: 2489__ SAS No.: _____ SDG No.: CPP54_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2489-12_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B4557_____

Level: (low/med) LOW___ Date Received: 06/15/90

% Moisture: not dec. ___5 Date Analyzed: 06/21/90

Column (pack/cap) PACK__ Dilution Factor: 1.0_____

Number TICs found: __0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

000045

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
CPP54
02-V2-3-2

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2489__ SAS No.: _____ SDG No.: CPP54_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2489-28_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B4569_____

Level: (low/med) LOW___ Date Received: 06/15/90

% Moisture: not dec. ___6 Date Analyzed: 06/22/90

Column: (pack/cap) PACK__ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

000056

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CPP54
02-V2-3-2

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2489__ SAS No.: _____ SDG No.: CPP54_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2489-28_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B4569_____

Level: (low/med) LOW___ Date Received: 06/15/90

% Moisture: not dec. ___6 Date Analyzed: 06/22/90

Column (pack/cap) PACK__ Dilution Factor: 1.0_____

Number TICs found: __0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

000057

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP54
02-V2-5-3

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2489__ SAS No.: _____ SDG No.: CPP54_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2489-31_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B4570_____

Level: (low/med) LOW___ Date Received: 06/15/90

% Moisture: not dec. ___8 Date Analyzed: 06/22/90

Column: (pack/cap) PACK__ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

000058

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
CPP54
02-V2-5-3

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2489__ SAS No.: _____ SDG No.: CPP54_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2489-31_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B4570_____

Level: (low/med) LOW___ Date Received: 06/15/90

% Moisture: not dec. ___8 Date Analyzed: 06/22/90

Column (pack/cap) PACK__ Dilution Factor: 1.0_____

Number TICs found: __0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

000059

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP54
03-V2-1-1

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2494__ SAS No.: _____ SDG No.: CPP54_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2494-05_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B4572_____

Level: (low/med) LOW___ Date Received: 06/16/90

% Moisture: not dec. __11 Date Analyzed: 06/22/90

Column: (pack/cap) PACK__ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	1	J
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CPP54
03-V2-1-1

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2494__ SAS No.: _____ SDG No.: CPP54_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2494-05_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B4572_____

Level: (low/med) LOW___ Date Received: 06/16/90

% Moisture: not dec. __11 Date Analyzed: 06/22/90

Column (pack/cap) PACK__ Dilution Factor: 1.0_____

Number TICs found: __0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP54
03-V2-1-1-D

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2494__ SAS No.: _____ SDG No.: CPP54_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2494-06_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B4573_____

Level: (low/med) LOW___ Date Received: 06/16/90

% Moisture: not dec. __11 Date Analyzed: 06/22/90

Column: (pack/cap) PACK__ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CPP54
03-V2-1-1-D

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2494__ SAS No.: _____ SDG No.: CPP54_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2494-06_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B4573_____

Level: (low/med) LOW___ Date Received: 06/16/90

% Moisture: not dec. __11 Date Analyzed: 06/22/90

Column (pack/cap) PACK__ Dilution Factor: 1.0_____

Number TICs found: __0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
CPP54
03-V2-3-2

Lab Name: PNELI Contract: INEL

Lab Code: PNELI Case No.: 2494 SAS No.: SDG No.: CPP54

Matrix: (soil/water) SOIL Lab Sample ID: 2494-09

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A4638

Level: (low/med) LOW Date Received: 06/16/90

% Moisture: not dec. 16 Date Analyzed: 06/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CPP54
03-V2-3-2

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2494__ SAS No.: _____ SDG No.: CPP54_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2494-09_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A4638_____

Level: (low/med) LOW___ Date Received: 06/16/90

% Moisture: not dec. __16 Date Analyzed: 06/25/90

Column (pack/cap) CAP___ Dilution Factor: 1.0_____

Number TICs found: __1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.17	1300	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP54
03-V2-5-3

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2494__ SAS No.: _____ SDG No.: CPP54_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2494-12_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A4632_____

Level: (low/med) LOW___ Date Received: 06/16/90

% Moisture: not dec. ___5 Date Analyzed: 06/22/90

Column: (pack/cap) CAP___ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CPP54
03-V2-5-3

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2494__ SAS No.: _____ SDG No.: CPP54_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2494-12_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A4632_____

Level: (low/med) LOW___ Date Received: 06/16/90

% Moisture: not dec. ___5 Date Analyzed: 06/22/90

Column (pack/cap) CAP___ Dilution Factor: 1.0_____

Number TICs found: __1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.12	780	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP54
04-V2-1-1

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2494__ SAS No.: _____ SDG No.: CPP54_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2494-15_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A4633_____

Level: (low/med) LOW___ Date Received: 06/16/90

% Moisture: not dec. ___8 Date Analyzed: 06/22/90

Column: (pack/cap) CAP___ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	1	J

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CPP54
04-V2-1-1

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2494__ SAS No.: _____ SDG No.: CPP54_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2494-15_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A4633_____

Level: (low/med) LOW___ Date Received: 06/16/90

% Moisture: not dec. ___8 Date Analyzed: 06/22/90

Column (pack/cap) CAP___ Dilution Factor: 1.0_____

Number TICs found: __1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.17	950	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP54
04-V2-3-2

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2494__ SAS No.: _____ SDG No.: CPP54_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2494-18_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A4634_____

Level: (low/med) LOW___ Date Received: 06/16/90

% Moisture: not dec. ___6 Date Analyzed: 06/22/90

Column: (pack/cap) CAP___ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	2	J

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CPP54
04-V2-3-2

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2494__ SAS No.: _____ SDG No.: CPP54_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2494-18_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A4634_____

Level: (low/med) LOW___ Date Received: 06/16/90

% Moisture: not dec. ___6 Date Analyzed: 06/22/90

Column (pack/cap) CAP___ Dilution Factor: 1.0_____

Number TICs found: __1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.12	780	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP54
04-V2-5-3

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2494__ SAS No.: _____ SDG No.: CPP54_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2494-21_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A4641_____

Level: (low/med) LOW___ Date Received: 06/16/90

% Moisture: not dec. ___4 Date Analyzed: 06/25/90

Column: (pack/cap) CAP___ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CPP54
04-V2-5-3

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2494__ SAS No.: _____ SDG No.: CPP54_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2494-21_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A4641_____

Level: (low/med) LOW___ Date Received: 06/16/90

% Moisture: not dec. ___4 Date Analyzed: 06/25/90

Column (pack/cap) CAP___ Dilution Factor: 1.0_____

Number TICs found: __1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.18	140	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
CPP54
05-VZ-1-1

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2494__ SAS No.: _____ SDG No.: CPP54_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2494-26_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A4645_____

Level: (low/med) LOW___ Date Received: 06/16/90

% Moisture: not dec. __10 Date Analyzed: 06/25/90

Column: (pack/cap) CAP___ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	2	J

Tmc 8/14/90

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CPP54
05-V2-1-1

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2494__ SAS No.: _____ SDG No.: CPP54_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2494-26_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A4645_____

Level: (low/med) LOW___ Date Received: 06/16/90

% Moisture: not dec. __10 Date Analyzed: 06/25/90

Column (pack/cap) CAP___ Dilution Factor: 1.0_____

Number TICs found: __1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.20	580	J

000022

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP54
05-V2-3-2

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2494__ SAS No.: _____ SDG No.: CPP54_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2494-29_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A4643_____

Level: (low/med) LOW___ Date Received: 06/16/90

% Moisture: not dec. __15 Date Analyzed: 06/25/90

Column: (pack/cap) CAP___ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CPP54
05-V2-3-2

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2494__ SAS No.: _____ SDG No.: CPP54_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2494-29_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A4643_____

Level: (low/med) LOW___ Date Received: 06/16/90

% Moisture: not dec. __15 Date Analyzed: 06/25/90

Column (pack/cap) CAP___ Dilution Factor: 1.0_____

Number TICs found: __1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.18	750	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
CPP54
05-V2-5-3

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2494__ SAS No.: _____ SDG No.: CPP54_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2494-32_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A4644_____

Level: (low/med) LOW___ Date Received: 06/16/90

% Moisture: not dec. ___6 Date Analyzed: 06/25/90

Column: (pack/cap) CAP___ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CPP54
05-V2-5-3

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2494__ SAS No.: _____ SDG No.: CPP54_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2494-32_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A4644_____

Level: (low/med) LOW___ Date Received: 06/16/90

% Moisture: not dec. ___6 Date Analyzed: 06/25/90

Column (pack/cap) CAP___ Dilution Factor: 1.0_____

Number TICs found: __1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.17	670	J

000026