APPENDIX C
PART 4

LABORATORY METHOD BLANK DATA
FIELD BLANK DATA

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Z52004

Lab Name: PACIFIC NW ENV LABORATORY Contract:

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

Matrix (soil/water): WATER Lab Sample ID: 2520-04

Level (low/med): MED Date Received: 06/29/90

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	109			F
7440-39-3	Barium	99.7	B		P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	101			P
7440-70-2	Calcium				NR
7440-47-3	Chromium	97.4			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron	25.0	U		P
7439-92-1	Lead	99.1			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	77.6			CV
7440-02-0	Nickel	20.0	U		P
7440-09-7	Potassium				NR
7782-49-2	Selenium	118			F
7440-22-4	Silver	97.0			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: COLORLESS Clarity Before: CLEAR Texture:

olor After: COLORLESS Clarity After: CLEAR Artifacts:

: nments:

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CPP54-03-TX-00-EB

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

Z49402

Lab Name: PACIFIC NW ENV LABORATORY Contract:

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

Matrix (soil/water): WATER Lab Sample ID: 2494-02

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

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	2.0	U		F
7440-39-3	Barium	15.0	U		P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron	33.8	B		P
7439-92-1	Lead	3.0	U		F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	20.0	U		P
7440-09-7	Potassium				NR
7782-49-2	Selenium	15.0	U	W	F
7440-22-4	Silver	10.0	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: COLORLESS Clarity Before: CLEAR Texture:

olor After: COLORLESS Clarity After: CLEAR Artifacts:

mments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
CPP59,59,6q-
V2-FS

Lab Name: PNELI Contract: INEL

Lab Code: PNELI Case No.: 2520 SAS No.: SDG No.: CPP39

Matrix: (soil/water) WATER Lab Sample ID: 2520-03

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: B4656

Level: (low/med) LOW Date Received: 06/29/90

% Moisture: not dec. Date Analyzed: 07/09/90

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	23		
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	19		
540-59-0	1,2-Dichloroethene (total)	5	U	
67-66-3	Chloroform	20		
107-06-2	1,2-Dichloroethane	5	U	
78-93-3	2-Butanone	10	U	
71-55-6	1,1,1-Trichloroethane	16		RBW 8/6/90
56-23-5	Carbon Tetrachloride	5 ~~2~~ ~~J~~ U		
108-05-4	Vinyl Acetate	10	U	
75-27-4	Bromodichloromethane	18		
78-87-5	1,2-Dichloropropane	5	U	
10061-01-5	cis-1,3-Dichloropropene	5	U	
79-01-6	Trichloroethene	19		
124-48-1	Dibromochloromethane	17		
79-00-5	1,1,2-Trichloroethane	5	U	
71-43-2	Benzene	20		
10061-02-6	Trans-1,3-Dichloropropene	5	U	
75-25-2	Bromoform	14		
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	16		
108-88-3	Toluene	19		
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.

CPP58,59,6Q-
V2-FS

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2520__ SAS No.: _____ SDG No.: CPP39_

Matrix: (soil/water) WATER_ Lab Sample ID: 2520-03_____

Sample wt/vol: __5.0 (g/mL) ML__ Lab File ID: B4656_____

Level: (low/med) LOW___ Date Received: 06/29/90

% Moisture: not dec. ____ Date Analyzed: 07/09/90

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

Number TICs found: __0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

000002

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP54-01-00-TBG

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: EHL08R

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VOEHL08R

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

% Moisture: not dec. ____ 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	10	UA
74-83-9	Methyl Bromide	10	UA
75-01-4	Vinyl Chloride	10	UA
75-00-3	Chloroethane	10	UA
75-09-2	Methylene Chloride	58	BA
67-64-1	Acetone	6	BJA
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	10	UA
71-55-6	1,1,1-Trichloroethane	5	UA
56-23-5	Carbon Tetrachloride	5	UA
108-05-4	Vinyl Acetate	10	UA
75-27-4	Dichlorobromomethane	10	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	10	UA
591-78-6	2-Hexanone	10	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	25	UA
107-02-8	Acrolein	25	UA
107-13-1	Acrylonitrile	25	UA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP54-01-00-TBG

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: EHL08R

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VOEHL08R

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

% Moisture: not dec. ____ 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	10	UA
598-31-2	Bromoacetone	10	UB
106-89-8	1-Chloro-2,3-epoxypropane	50	UB
124-48-1	Chlorodibromomethane	5	UA
110-75-8	2-Chloroethylvinyl ether	10	UA
107-30-2	Chloromethyl methyl ether	0	UC
126-99-8	Chloroprene	0	UC
4170-30-3	Crotonaldehyde	25	UB
96-12-8	1,2-Dibromo-3-chloropropane	10	UA
107-06-2	1,2-Dibromoethane	10	UA
764-41-0	trans-1,4-Dicholoro-2-butene	5	UA
75-71-8	Dichlorodifluoromethane	10	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	100	UA
107-12-0	Ethylcyanide	10	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	100	UA
126-98-7	Methacrylonitrile	25	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	10	UB
3175-23-3	1,2,2-Trichloropropane	10	UB
96-18-4	1,2,3-Trichloropropane	10	UA

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CPP54-01-00-TBG

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: EHL08R

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VOEHL08R

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

% Moisture: not dec. ____ 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
03-V2-00-EB

Lab Name: PNELI Contract: INEL

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

Matrix: (soil/water) WATER Lab Sample ID: 2494-04

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: B4536

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

% Moisture: not dec. Date Analyzed: 06/19/90

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	2	J
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
03-V2-00-EB

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) WATER_ Lab Sample ID: 2494-04_____

Sample wt/vol: __5.0 (g/mL) ML__ Lab File ID: B4536_____

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

% Moisture: not dec. ____ Date Analyzed: 06/19/90

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

Number TICs found: __0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
CPP54
03-00-TB

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) WATER_ Lab Sample ID: 2494-01_____

Sample wt/vol: __5.0 (g/mL) ML__ Lab File ID: B4535_____

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

% Moisture: not dec. ____ Date Analyzed: 06/19/90

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L_	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
03-00-TB

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) WATER_ Lab Sample ID: 2494-01_____

Sample wt/vol: __5.0 (g/mL) ML__ Lab File ID: B4535_____

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

% Moisture: not dec. ____ Date Analyzed: 06/19/90

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

Number TICs found: __0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKL1

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: VBLKL1

Sample wt/vol: 5.0 (g/mL) G Lab File ID: EVB062890B

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. ____ 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	10	UA
74-83-9	Methyl Bromide	10	UA
75-01-4	Vinyl Chloride	10	UA
75-00-3	Chloroethane	10	UA
75-09-2	Methylene Chloride	7	A
67-64-1	Acetone	6	JA
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	10	UA
71-55-6	1,1,1-Trichloroethane	5	UA
56-23-5	Carbon Tetrachloride	5	UA
108-05-4	Vinyl Acetate	10	UA
75-27-4	Dichlorobromomethane	10	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	10	UA
591-78-6	2-Hexanone	10	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	25	UA
107-02-8	Acrolein	25	UA
107-13-1	Acrylonitrile	25	UA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKL1

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: VBLKL1

Sample wt/vol: 5.0 (g/mL) G Lab File ID: EVB062890B

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. ____ 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	10	UA
598-31-2	Bromoacetone	10	UB
106-89-8	1-Chloro-2,3-epoxypropane	50	UB
124-48-1	Chlorodibromomethane	5	UA
110-75-8	2-Chloroethylvinyl ether	10	UA
107-30-2	Chloromethyl methyl ether	0	UC
126-99-8	Chloroprene	0	UC
4170-30-3	Crotonaldehyde	25	UB
96-12-8	1,2-Dibromo-3-chloropropane	10	UA
107-06-2	1,2-Dibromoethane	10	UA
764-41-0	trans-1,4-Dicholoro-2-butene	5	UA
75-71-8	Dichlorodifluoromethane	10	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	100	UA
107-12-0	Ethylcyanide	10	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	100	UA
126-98-7	Methacrylonitrile	25	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	10	UB
3175-23-3	1,2,2-Trichloropropane	10	UB
96-18-4	1,2,3-Trichloropropane	10	UA

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKL1

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: VBLKL1

Sample wt/vol: 5.0 (g/mL) G Lab File ID: EVB062890B

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. ____ 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.

VBLKB1

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) WATER_ Lab Sample ID: VBLKB1_____

Sample wt/vol: __5.0 (g/mL) ML__ Lab File ID: B4530_____

Level: (low/med) LOW___ Date Received: _____

% Moisture: not dec. ____ Date Analyzed: 06/19/90

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L_	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.

VBLKB1

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) WATER_ Lab Sample ID: VBLKB1_____

Sample wt/vol: __5.0 (g/mL) ML__ Lab File ID: B4530_____

Level: (low/med) LOW___ Date Received: _____

% Moisture: not dec. ____ Date Analyzed: 06/19/90

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

Number TICs found: __0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKA2

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) SOIL__ Lab Sample ID: VBLKA2_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A4623_____

Level: (low/med) LOW___ Date Received: _____

% Moisture: not dec. ____ 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	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.

VBLKA2

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) SOIL__ Lab Sample ID: VBLKA2_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A4623_____

Level: (low/med) LOW___ Date Received: _____

% Moisture: not dec. ____ 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	2.03	36	J

000037

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKB3

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) SOIL__ Lab Sample ID: VBLKB3_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B4568_____

Level: (low/med) LOW___ Date Received: _____

% Moisture: not dec. ____ 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	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.
VBLKB3

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) SOIL__ Lab Sample ID: VBLKB3_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B4568_____

Level: (low/med) LOW___ Date Received: _____

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

Column (pack/cap) PACK__ 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. 152	Benzene, 1,4-dichloro-	25.86	31	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKA1

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) SOIL__ Lab Sample ID: VBLKA1_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A4637_____

Level: (low/med) LOW___ Date Received: _____

% Moisture: not dec. ____ 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.

VBLKA1

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) SOIL__ Lab Sample ID: VBLKA1_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A4637_____

Level: (low/med) LOW___ Date Received: _____

% Moisture: not dec. ____ 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	2.13	38	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKB3

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) SOIL__ Lab Sample ID: VBLKB3_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B4568_____

Level: (low/med) LOW___ Date Received: _____

% Moisture: not dec. ____ 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	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

001172

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKB3

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) SOIL__ Lab Sample ID: VBLKB3_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B4568_____

Level: (low/med) LOW___ Date Received: _____

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

Column (pack/cap) PACK__ 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. 152	Benzene, 1,4-dichloro-	25.86	31	J

001173

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKB4

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) SOIL__ Lab Sample ID: VBLKB4_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B4556_____

Level: (low/med) LOW___ Date Received: _____

% Moisture: not dec. ____ 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	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	20	
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	8	J
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

001165

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
VBLKB4

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) SOIL__ Lab Sample ID: VBLKB4_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B4556_____

Level: (low/med) LOW___ Date Received: _____

% Moisture: not dec. ____ 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

001166

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKB2

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) SOIL__ Lab Sample ID: VBLKB2_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B4547_____

Level: (low/med) LOW___ Date Received: _____

% Moisture: not dec. ____ 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

001160

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKB2

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) SOIL__ Lab Sample ID: VBLKB2_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: B4547_____

Level: (low/med) LOW___ Date Received: _____

% Moisture: not dec. ____ 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

001161

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKB1

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) WATER_ Lab Sample ID: VBLKB1_____

Sample wt/vol: __5.0 (g/mL) ML__ Lab File ID: B4530_____

Level: (low/med) LOW___ Date Received: _____

% Moisture: not dec. ____ Date Analyzed: 06/19/90

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L_	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

001155

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKB1

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) WATER_ Lab Sample ID: VBLKB1_____

Sample wt/vol: __5.0 (g/mL) ML__ Lab File ID: B4530_____

Level: (low/med) LOW___ Date Received: _____

% Moisture: not dec. ____ Date Analyzed: 06/19/90

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

Number TICs found: __0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

001156

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CPP54-64-V3-F

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2520__ SAS No.: _____ SDG No.: 2520__

Matrix: (soil/water) WATER_ Lab Sample ID: 2520-01_____

Sample wt/vol: 993__ (g/mL) ML__ Lab File ID: AD833_____

Level: (low/med) LOW___ Date Received: 06/29/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/02/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 07/16/90

GPC Cleanup: (Y/N) N__ pH: _____ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L_	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	72	
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	73	
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	77	
95-48-7	2-Methylphenol	10	U
108-60-1	bis(2-Chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	75	
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	80	
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	50	U
111-91-1	bis(2-Chloroethoxy)methane	79	
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	78	
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	76	
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	81	
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	73	

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CPP54-64-V3-F

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2520__ SAS No.: _____ SDG No.: 2520__

Matrix: (soil/water) WATER_ Lab Sample ID: 2520-01_____

Sample wt/vol: 993__ (g/mL) ML__ Lab File ID: AD833_____

Level: (low/med) LOW___ Date Received: 06/29/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/02/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 07/16/90

GPC Cleanup: (Y/N) N__ pH: _____ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L_	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	72	
84-66-2	Diethylphthalate	39	
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	65	
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	70	
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	39	
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	74	
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)anthracene	74	
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
218-01-9	Chrysene	10	U
117-84-0	Di-n-octylphthalate	69	
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	76	
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CPP54-64-V3-F

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2520__ SAS No.: _____ SDG No.: 2520__

Matrix: (soil/water) WATER_ Lab Sample ID: 2520-01_____

Sample wt/vol: 993__ (g/mL) ML__ Lab File ID: AD833_____

Level: (low/med) LOW___ Date Received: 06/29/90

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/02/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 07/16/90

GPC Cleanup: (Y/N) N__ pH: _____ Dilution Factor: 1.0_____

Number TICs found: __8

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 141786	Acetic acid, ethyl ester	4.38	160	J
2. 123422	DIACETONE ALCOHOL	5.73	54	JA
3.	UNKNOWN HYDROCARBON	23.84	8.0	BJ
4.	UNKNOWN HYDROCARBON	25.76	170	BJ
5.	UNKNOWN HYDROCARBON	26.72	12	BJ
6.	UNKNOWN HYDROCARBON	28.37	10	BJ
7.	UNKNOWN HYDROCARBON	29.12	28	BJ
8.	UNKNOWN HYDROCARBON	29.92	8.0	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP54
03-SV2-EB

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) WATER_ Lab Sample ID: 2494-03_____

Sample wt/vol: 1000_ (g/mL) ML__ Lab File ID: AD722_____

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

% Moisture: not dec. ____ dec. ____ Date Extracted: 06/20/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 07/03/90

GPC Cleanup: (Y/N) N__ pH: _____ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L_	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	bis(2-Chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	50	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP54
03-SV2-EB

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) WATER_ Lab Sample ID: 2494-03_____

Sample wt/vol: 1000_ (g/mL) ML__ Lab File ID: AD722_____

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

% Moisture: not dec. ____ dec. ____ Date Extracted: 06/20/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 07/03/90

GPC Cleanup: (Y/N) N__ pH: _____ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L_	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)anthracene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
218-01-9	Chrysene	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

000047

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CPP54
03-SV2-EB

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) WATER_ Lab Sample ID: 2494-03_____

Sample wt/vol: 1000_ (g/mL) ML__ Lab File ID: AD722_____

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

% Moisture: not dec. ____ dec. ____ Date Extracted: 06/20/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 07/03/90

GPC Cleanup: (Y/N) N__ pH: _____ Dilution Factor: 1.0_____

Number TICs found: __6

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	26.74	94	J
2.	UNKNOWN	26.92	34	J
3.	UNKNOWN	27.06	14	J
4.	UNKNOWN	27.91	30	J
5.	UNKNOWN	29.59	12	J
6.	UNKNOWN	30.44	22	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKAN

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) WATER_ Lab Sample ID: 2489-MBW_____

Sample wt/vol: 1000_ (g/mL) ML__ Lab File ID: AD711_____

Level: (low/med) LOW___ Date Received: _____

% Moisture: not dec. ____ dec. ____ Date Extracted: 06/20/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 07/02/90

GPC Cleanup: (Y/N) N__ pH: _____ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L_	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	bis(2-Chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	50	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKAN

Lab Name: PNELI Contract: INEL

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

Matrix: (soil/water) WATER Lab Sample ID: 2489-MBW

Sample wt/vol: 1000 (g/mL) ML Lab File ID: AD711

Level: (low/med) LOW Date Received:

% Moisture: not dec. dec. Date Extracted: 06/20/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 07/02/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)anthracene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
218-01-9	Chrysene	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLKAN

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) WATER_ Lab Sample ID: 2489-MBW_____

Sample wt/vol: 1000_ (g/mL) ML__ Lab File ID: AD711_____

Level: (low/med) LOW___ Date Received: _____

% Moisture: not dec. ____ dec. ____ Date Extracted: 06/20/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 07/02/90

GPC Cleanup: (Y/N) N__ pH: _____ Dilution Factor: 1.0_____

Number TICs found: __3

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	27.09	20	J
2.	UNKNOWN	27.29	110	J
3.	UNKNOWN	29.34	42	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKAP

Lab Name: PNELI_____ Contract: INEL_____

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

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

Sample wt/vol: _30.0 (g/mL) G___ Lab File ID: AD723_____

Level: (low/med) LOW___ Date Received: _____

% Moisture: not dec. ____ dec. ____ Date Extracted: 06/26/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/03/90

GPC Cleanup: (Y/N) Y__ pH: _____ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	660	U
111-44-4	bis(2-Chloroethyl)ether	660	U
95-57-8	2-Chlorophenol	660	U
541-73-1	1,3-Dichlorobenzene	660	U
106-46-7	1,4-Dichlorobenzene	660	U
100-51-6	Benzyl alcohol	660	U
95-50-1	1,2-Dichlorobenzene	660	U
95-48-7	2-Methylphenol	660	U
108-60-1	bis(2-Chloroisopropyl)ether	660	U
106-44-5	4-Methylphenol	660	U
621-64-7	N-Nitroso-di-n-propylamine	660	U
67-72-1	Hexachloroethane	660	U
98-95-3	Nitrobenzene	660	U
78-59-1	Isophorone	660	U
88-75-5	2-Nitrophenol	660	U
105-67-9	2,4-Dimethylphenol	660	U
65-85-0	Benzoic Acid	3200	U
111-91-1	bis(2-Chloroethoxy)methane	660	U
120-83-2	2,4-Dichlorophenol	660	U
120-82-1	1,2,4-Trichlorobenzene	660	U
91-20-3	Naphthalene	660	U
106-47-8	4-Chloroaniline	660	U
87-68-3	Hexachlorobutadiene	660	U
59-50-7	4-Chloro-3-methylphenol	660	U
91-57-6	2-Methylnaphthalene	660	U
77-47-4	Hexachlorocyclopentadiene	660	U
88-06-2	2,4,6-Trichlorophenol	660	U
95-95-4	2,4,5-Trichlorophenol	3200	U
91-58-7	2-Chloronaphthalene	660	U
88-74-4	2-Nitroaniline	3200	U
131-11-3	Dimethylphthalate	660	U
208-96-8	Acenaphthylene	660	U
606-20-2	2,6-Dinitrotoluene	660	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKAP

Lab Name: PNELI_____ Contract: INEL_____

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

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

Sample wt/vol: _30.0 (g/mL) G___ Lab File ID: AD723_____

Level: (low/med) LOW___ Date Received: _____

% Moisture: not dec. ____ dec. ____ Date Extracted: 06/26/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/03/90

GPC Cleanup: (Y/N) Y__ pH: _____ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	3200	U
83-32-9	Acenaphthene	660	U
51-28-5	2,4-Dinitrophenol	3200	U
100-02-7	4-Nitrophenol	3200	U
132-64-9	Dibenzofuran	660	U
121-14-2	2,4-Dinitrotoluene	660	U
84-66-2	Diethylphthalate	660	U
7005-72-3	4-Chlorophenyl-phenylether	660	U
86-73-7	Fluorene	660	U
100-01-6	4-Nitroaniline	3200	U
534-52-1	4,6-Dinitro-2-methylphenol	3200	U
86-30-6	N-Nitrosodiphenylamine (1)	660	U
101-55-3	4-Bromophenyl-phenylether	660	U
118-74-1	Hexachlorobenzene	660	U
87-86-5	Pentachlorophenol	3200	U
85-01-8	Phenanthrene	660	U
120-12-7	Anthracene	660	U
84-74-2	Di-n-butylphthalate	450	J
206-44-0	Fluoranthene	660	U
129-00-0	Pyrene	660	U
85-68-7	Butylbenzylphthalate	660	U
91-94-1	3,3'-Dichlorobenzidine	1300	U
56-55-3	Benzo(a)anthracene	660	U
117-81-7	bis(2-Ethylhexyl)phthalate	660	U
218-01-9	Chrysene	660	U
117-84-0	Di-n-octylphthalate	660	U
205-99-2	Benzo(b)fluoranthene	660	U
207-08-9	Benzo(k)fluoranthene	660	U
50-32-8	Benzo(a)pyrene	660	U
193-39-5	Indeno(1,2,3-cd)pyrene	660	U
53-70-3	Dibenz(a,h)anthracene	660	U
191-24-2	Benzo(g,h,i)perylene	660	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLKAF

Lab Name: PNELI_____ Contract: INEL_____

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

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

Sample wt/vol: _30.0 (g/mL) G___ Lab File ID: AD723_____

Level: (low/med) LOW___ Date Received: _____

% Moisture: not dec. ____ dec. ____ Date Extracted: 06/26/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/03/90

GPC Cleanup: (Y/N) Y__ pH: _____ Dilution Factor: 1.0_____

Number TICs found: __7

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN KETONE	6.32	2900	J
2.	UNKNOWN	7.02	49000	J
3.	UNKNOWN KETONE	7.15	930	J
4.	UNKNOWN KETONE	8.42	470	J
5.	UNKNOWN	9.12	600	J
6.	UNKNOWN KETONE	10.09	1300	J
7.	UNKNOWN	12.80	530	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKL1

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: SBLKL1

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SVEHXBL1

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. ____ dec. ____ Date Extracted: 6/22/90

Extraction: (SepF/Cont/Sonc) ____ Date Analyzed: 07/03/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	UA
111-44-4	bis(2-Chloroethyl)Ether	330	UA
95-57-8	2-Chlorophenol	330	UA
541-73-1	1,3-Dichlorobenzene	330	UA
106-46-7	1,4-Dichlorobenzene	330	UA
100-51-6	Benzyl Alcohol	330	UA
95-50-1	1,2-Dichlorobenzene	330	UA
95-48-7	o-Cresol	330	UA
108-60-1	bis(2-Chloroisopropyl)Ether	330	UA
106-44-5	p-Cresol	330	UA
621-64-7	N-Nitroso-Di-n-Propylamine	330	UA
67-72-1	Hexachloroethane	330	UA
98-95-3	Nitrobenzene	330	UA
78-59-1	Isophorone	330	UA
88-75-5	2-Nitrophenol	330	UA
105-67-9	2,4-Dimethylphenol	330	UA
65-85-0	Benzoic Acid	1600	UA
111-91-1	bis(2-Chloroethoxy)Methane	330	UA
120-83-2	2,4-Dichlorophenol	330	UA
120-82-1	1,2,4-Trichlorobenzene	330	UA
91-20-3	Naphthalene	330	UA
106-47-8	p-Chloroaniline	330	UA
87-68-3	Hexachlorobutadiene	330	UA
59-50-7	p-Chloro-m-cresol	330	UA
91-57-6	2-Methylnaphthalene	330	UA
77-47-4	Hexachlorocyclopentadiene	330	UA
88-06-2	2,4,6-Trichlorophenol	330	UA
95-95-4	2,4,5-Trichlorophenol	330	UA
91-58-7	2-Chloronaphthalene	330	UA
88-74-4	2-Nitroaniline	330	UA
131-11-3	Dimethyl Phthalate	330	UA
208-96-8	Acenaphthylene	330	UA
606-20-2	2,6-Dinitrotoluene	330	UA

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKL1

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: SBLKL1

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SVEHXBL1

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. ____ dec. ____ Date Extracted: 6/22/90

Extraction: (SepF/Cont/Sonc) ____ Date Analyzed: 07/03/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1600	UA
83-32-9	Acenaphthene	330	UA
51-28-5	2,4-Dinitrophenol	1600	UA
100-02-7	4-Nitrophenol	1600	UA
132-64-9	Dibenzofuran	330	UA
121-14-2	2,4-Dinitrotoluene	330	UA
84-66-2	Diethylphthalate	330	UA
7005-72-3	4-Chlorophenyl-phenylether	330	UA
86-73-7	Fluorene	330	UA
100-01-6	4-Nitroaniline	1600	UA
534-52-1	4,6-Dinitro-2-Methylphenol	1600	UA
86-30-6	N-Nitrosodiphenylamine (1)	330	UA
101-55-3	4-Bromophenyl-phenylether	330	UA
118-74-1	Hexachlorobenzene	330	UA
87-86-5	Pentachlorophenol	1600	UA
85-01-8	Phenanthrene	330	UA
120-12-7	Anthracene	330	UA
84-74-2	Di-n-Butylphthalate	330	UA
206-44-0	Fluoranthene	330	UA
129-00-0	Pyrene	330	UA
85-68-7	Butylbenzylphthalate	330	UA
91-94-1	3,3'-Dichlorobenzidine	660	UA
56-55-3	Benzo(a)Anthracene	330	UA
218-01-9	Chrysene	330	UA
117-81-7	bis(2-Ethylhexyl)Phthalate	330	UA
117-84-0	Di-n-Octyl Phthalate	330	UA
205-99-2	Benzo(b)Fluoranthene	330	UA
207-08-9	Benzo(k)Fluoranthene	330	UA
50-32-8	Benzo(a)Pyrene	330	UA
193-39-5	Indeno(1,2,3-cd)Pyrene	330	UA
53-70-3	Dibenz(a,h)Anthracene	330	UA
191-24-2	Benzo(g,h,i)Perylene	330	UA
98-86-2	Acetophenone	330	UA
53-96-3	2-Acetylaminofluorene	330	UA

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKL1

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: SBLKL1

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SVEHXBL1

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. ____ dec. ____ Date Extracted: 6/22/90

Extraction: (SepF/Cont/Sonc) ____ Date Analyzed: 07/03/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1402-68-2	Aflatoxins, Total	0	UC
92-67-1	4-Aminobiphenyl	330	UA
1072-67-9	5-(Aminomethyl)-3-isoxazolol	0	UC
62-53-3	Aniline	330	UA
140-57-8	Aramite	330	UA
492-80-8	Auramine	0	UC
225-51-4	Benzo(c)acridine	330	UB
100-44-7	Benzyl Chloride	330	UB
108-98-5	Benezenthiol	0	UC
205-82-3	Benzo(j)fluoranthene	330	UB
98-07-7	Benzotrichloride	330	UB
106-51-4	p-Benzoquinone	330	UB
357-57-3	Brucine	0	UC
13-38-23-4	2-Butanone Peroxide	330	UA
88-85-7	2-sec-Butyl-4,6-dinitrophenol	1600	UA
494-03-1	Chloronaphazine	0	UC
90-13-1	1-Chloronaphathalene	330	UB
542-76-7	3-Chlorpropionitrile	0	UC
108-39-4	m-Cresol	330	UA
131-89-5	2-Cyclohexyl-4,6-dinitrophenol	1600	UB
226-36-8	Dibenzo(a,h)acridine	330	UB
224-42-0	Dibenzo(a,j)acridine	330	UB
192-65-4	Dibenzo(a,e)pyrene	330	UB
159-55-9	Dibenzo(a,i)pyrene	330	UB
194-59-2	7H-Dibenzo(c,g)carbazole	330	UB
91-94-1	3,3-Dichlorobenzidine	660	UA
98-87-3	Dichloromethylbenzene	330	UB
87-65-0	2,6-Dichlorophenol	330	UB
696-28-6	Dichlorophenylarsine	0	UC
94-58-6	Dihydrosafrole	330	UB
55-91-4	Diisopropylfluorophosphate	0	UC
60-11-7	p-Dimethylaminoazobenzene	330	UA

(1) - Cannot be separated from Diphenylamine

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKL1

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: SBLKL1

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SVEHXBL1

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. ____ dec. ____ Date Extracted: 6/22/90

Extraction: (SepF/Cont/Sonc) ____ Date Analyzed: 07/03/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
57-77-6	7,12Dimethylbenzo(a)anthracen	330	UB
57-14-7	1,1-Dimethylhydrazine	0	UC
540-73-8	1,2-Dimethylhydrazine	0	UC
122-09-8	a-a-Dimethylphenethylamine	660	UB
77-78-1	Dimethyl Sulfate	0	UC
99-65-0	m-Dinitrobenzene	330	UB
122-39-4	Diphenylamine	330	UA
122-66-7	1,2-Diphenylhydrazine	330	UA
541-53-7	2,4-Dithiobiuret	0	UC
145-73-7	Endothal	0	UC
97-63-2	Ethyl Methacrylate	330	UA
62-50-0	Ethyl Methanesulfonate	330	UA
64-18-6	Formic Acid	0	UD
70-30-4	Hexachlorophene	0	UD
1888-71-7	Hexachloropropene	330	UA
757-58-4	Hexaethyltetraphosphate	0	UC
302-01-2	Hydrazine	0	UD
120-58-1	Isosafrole	330	UA
108-31-6	Maleic Anhydride	0	UC
148-82-3	Melphalan	0	UC
91-80-5	Methyapyrilene	330	UA
56-49-5	3-Methylcholanthrene	330	UA
80-62-6	Methyl Methacrylate	330	UA
101-14-4	4,4-Methylenbis(2-chloroanil)	0	UC
75-86-5	2-Methyllactonitrile	0	UC
66-27-3	Methyl Methansulfonate	330	UB
5751-20-2	N-Methyl-N-nitrosos-N-nitrogu	0	UC
636-26-0	Methylthiouracil	0	UC

(1) - Cannot be separated from Diphenylamine

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKL1

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: SBLKL1

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SVEHXBL1

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. ____ dec. ____ Date Extracted: 6/22/90

Extraction: (SepF/Cont/Sonc) ____ Date Analyzed: 07/03/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
130-15-4	1,4-Napthoquinioline	330	UA
134-32-7	1-Napthylamine	660	UA
91-59-8	2-Napthylamine	660	UA
924-16-3	N-Nitrosodi-n-butylamine	330	UA
1116-54-7	N-Nitrosodiethanolamine	0	UC
55-18-5	N-Nitrosodiethylamine	330	UA
62-75-9	N-Nitrosodimethylamine	660	UA
10595-95-6	N-Nitrosomethylethylamine	330	UA
615-53-2	N-Nitroso-n-methylurethane	0	UC
4549-40-0	N-Nitrosomethylvinylamine	330	UB
59-89-2	N-Nitrosomorpholine	330	UA
16543-55-9	N-Nitrosonornicotine	0	UC
56-57-5	N-Nitroquinoline-n-oxide	330	UA
100-75-4	N-Nitrosospiperidine	330	UA
930-55-2	N-Nitrosopyrrolidine	330	UA
86-30-6	N-Nitrosodiphenylamine	330	UA
13256-22-9	N-Nitrososarcosine	0	UC
99-55-8	5-Nitro-o-toluidine	330	UA
152-16-7	Octamethylpyrophosphoramide	0	UC
311-45-5	Paraoxon	0	UC
608-93-5	Pentachlorobenzene	330	UA
76-01-7	Pentachloroethane	330	UA
82-68-8	Pentachloronitrobenzene	330	UA
62-44-2	Phenacetin	330	UA
106-50-3	p-Phenylenediamine	1600	UA
85-44-9	Phthalic Anhydride	0	UC
23950-58-5	Pronamide	330	UA
1120-71-4	1,3-Propane Sultone	0	UC
107-10-8	n-Propylamine	0	UC
51-52-5	Propylthiouracil	0	UC
110-86-1	Pyridine	660	UA
108-46-3	Resorcinol	660	UB

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKL1

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: SBLKL1

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SVEHXBL1

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ dec. _____ Date Extracted: 6/22/90

Extraction: (SepF/Cont/Sonc) _____ Date Analyzed: 07/03/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
81-07-2	Saccharin	0	UC
94-59-7	Safrole	330	UA
634-66-2	1,2,3,4-Tetrachlorobenzene	330	UB
634-90-2	1,2,3,5-Tetrachlorobenzene	330	UB
95-94-3	1,2,4,5-Tetrachlorobenzene	330	UA
58-90-2	2,3,4,6-Tetrachlorophenol	330	UB
95-53-4	o-Toluidine	330	UA
137-26-8	Thioram	0	UC
99-35-4	sym-Trinitrobenzene	330	UA
52-24-4	tris(1-Azridinyl)phosphine su	0	UC
126-72-7	tris(2,3-Dibromopropyl)phosph	0	UC
935-75-5	2,3,5,6-Tetrachlorophenol	330	UA
4901-51-3	2,3,4,5-Tetrachlorophenol	330	UA
3196-13-2	Thiofanox	0	UC
87-61-6	1,2,3-Trichlorobenzene	330	UB
108-70-3	1,3,5-Trichlorobenzene	330	UB
66-75-1	Uracil Mustard	0	UC
109-06-8	2-Picoline	330	UA

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLKL1

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: SBLKL1

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SVEHXBL1

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. ____ dec. ____ Date Extracted: 6/22/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 07/03/90

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.00

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1

GC/ECD ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE ID

EHX PBLK L1

Lab Name: GULF SOUTH ENVIRONMENTAL LABORATORY Contract: GOLDER

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

Matrix: SOIL Lab Sample ID: EHXPL1

Level: LOW Lab File ID(1): G:B314530
(2): G:A314530

Sample wt : 30 g pH: 8.3 Date Received: N/A

Extraction: SONC Date Extracted: 06-22-90

Moisture: not dec: N/A 0% EAW dec: ____% Date Analyzed: 07-11-90

Cleanup (Y/N - Type): Y - ALUMINA Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION ug/Kg	Q
319-84-6	alpha-BHC	8.0	U
319-85-7	beta-BHC	8.0	U
319-86-8	delta-BHC	8.0	U
58-89-9	gamma-BHC (Lindane)	8.0	U
76-44-8	Heptachlor	8.0	U
309-00-2	Aldrin	8.0	U
1024-57-3	Heptachlor epoxide	8.0	U
959-98-8	Endosulfan I	8.0	U
60-57-1	Dieldrin	16	U
72-55-9	4,4'-DDE	16	U
72-20-8	Endrin	16	U
33213-65-9	Endosulfan II	16	U
72-54-8	4,4'-DDD	16	U
1031-07-8	Endosulfan sulfate	16	U
50-29-3	4,4'-DDT	16	U
72-43-5	Methoxychlor	80	U
53494-70-5	Endrin ketone	16	U
5103-71-9	alpha-Chlordane	80	U
5103-74-2	gamma-Chlordane	80	U
8001-35-2	Toxaphene	160	U
12674-11-2	Aroclor 1016	80	U
11104-28-2	Aroclor 1221	80	U
11141-16-5	Aroclor 1232	80	U
53469-21-9	Aroclor 1242	80	U
12672-29-6	Aroclor 1248	80	U
11097-69-6	Aroclor 1254	160	U
11096-82-5	Aroclor 1260	160	U

Target Compound List C:\NELSON\RASL.TCL 15:09:06 07-11-199(

FRM1XV5:

1

GC/ECD ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE ID

EHX PBLK L1

Lab Name: GULF SOUTH ENVIRONMENTAL LABORATORY Contract: GOLDER

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

Matrix: SOIL Lab Sample ID: EHXPL1

Level: LOW Lab File ID(1): G:A314530

(2):

Sample wt : 30 g pH: ____ Date Received: N/A

Extraction: SONC Date Extracted: 06-22-90

Moisture: not dec: N/A ~~0%~~ EAW dec: ____% Date Analyzed: 07-11-90

Cleanup (Y/N - Type): Y - ALUMINA Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION ug/Kg	Q
510-15-6	Chlorobenzilate	80	U
2303-16-4	Diallate	80	U
465-73-6	Isodrin	16	U
143-50-0	Kepone	800	U

1

GC/FPD ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE ID

EHL PBLK L1

Lab Name: GULF SOUTH ENVIRONMENTAL LABORATORY Contract: GOLDER

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

Matrix: SOIL Lab Sample ID: EHLBL1

Level: LOW Lab File ID(1): I:B622911

(2):

Sample wt : 30 g pH: 8.3 Date Received: N/A

Extraction: SONC Date Extracted: 06-25-90

Moisture: not dec: N/A % dec: ____% Date Analyzed: 07-11-90

Cleanup (Y/N - Type): N - NONE Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION ug/Kg	Q
126-68-1	O,O,O-Triethylphosphorothi	67	U
297-97-2	Thionazin	67	U
298-02-2	Phorate	67	U
3689-24-5	Tetraethyldithropyrophosph	67	U
298-04-4	Disulfoton	67	U
60-51-5	Dimethoate	67	U
298-00-0	Methyl parathion	67	U
56-38-2	Parathion	67	U
52-85-7	Famphur	67	U

Target Compound List C:\NELSON\A9NPDL.TCL 08:58:29 07-12-1990

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1

GC/ECD ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE ID

HBLK L1 BLANK

Lab Name: GULF SOUTH ENVIRONMENTAL LABORATORY Contract: _____

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

Matrix: SOIL Lab Sample ID: EHLBLK

Level: LOW Lab File ID(1): G:A21434

(2):

Sample wt : 50 g pH: ____ Date Received:

Extraction: SONC Date Extracted: 6-27-90

Moisture: not dec: 0% dec: ____% Date Analyzed: 06-29-90

Cleanup (Y/N - Type): N - NONE Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION ug/Kg	Q
94-75-7	2,4-D	240	U
93-72-1	2,4,5-TP (Silvex)	34	U
93-76-5	2,4,5-T	40	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKAM

Lab Name: PNELI_____ Contract: INEL_____

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

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

Sample wt/vol: _30.0 (g/mL) G___ Lab File ID: AD688_____

Level: (low/med) LOW___ Date Received: _____

% Moisture: not dec. ____ dec. ____ Date Extracted: 06/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/29/90

GPC Cleanup: (Y/N) Y__ pH: _____ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	660	U
111-44-4	bis(2-Chloroethyl)ether	660	U
95-57-8	2-Chlorophenol	660	U
541-73-1	1,3-Dichlorobenzene	660	U
106-46-7	1,4-Dichlorobenzene	660	U
100-51-6	Benzyl alcohol	660	U
95-50-1	1,2-Dichlorobenzene	660	U
95-48-7	2-Methylphenol	660	U
108-60-1	bis(2-Chloroisopropyl)ether	660	U
106-44-5	4-Methylphenol	660	U
621-64-7	N-Nitroso-di-n-propylamine	660	U
67-72-1	Hexachloroethane	660	U
98-95-3	Nitrobenzene	660	U
78-59-1	Isophorone	660	U
88-75-5	2-Nitrophenol	660	U
105-67-9	2,4-Dimethylphenol	660	U
65-85-0	Benzoic Acid	3200	U
111-91-1	bis(2-Chloroethoxy)methane	660	U
120-83-2	2,4-Dichlorophenol	660	U
120-82-1	1,2,4-Trichlorobenzene	660	U
91-20-3	Naphthalene	660	U
106-47-8	4-Chloroaniline	660	U
87-68-3	Hexachlorobutadiene	660	U
59-50-7	4-Chloro-3-methylphenol	660	U
91-57-6	2-Methylnaphthalene	660	U
77-47-4	Hexachlorocyclopentadiene	660	U
88-06-2	2,4,6-Trichlorophenol	660	U
95-95-4	2,4,5-Trichlorophenol	3200	U
91-58-7	2-Chloronaphthalene	660	U
88-74-4	2-Nitroaniline	3200	U
131-11-3	Dimethylphthalate	660	U
208-96-8	Acenaphthylene	660	U
606-20-2	2,6-Dinitrotoluene	660	U

000117

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKAM

Lab Name: PNELI_____ Contract: INEL_____

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

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

Sample wt/vol: _30.0 (g/mL) G___ Lab File ID: AD688_____

Level: (low/med) LOW___ Date Received: _____

% Moisture: not dec. ____ dec. ____ Date Extracted: 06/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/29/90

GPC Cleanup: (Y/N) Y__ pH: _____ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	3200	U
83-32-9	Acenaphthene	660	U
51-28-5	2,4-Dinitrophenol	3200	U
100-02-7	4-Nitrophenol	3200	U
132-64-9	Dibenzofuran	660	U
121-14-2	2,4-Dinitrotoluene	660	U
84-66-2	Diethylphthalate	660	U
7005-72-3	4-Chlorophenyl-phenylether	660	U
86-73-7	Fluorene	660	U
100-01-6	4-Nitroaniline	3200	U
534-52-1	4,6-Dinitro-2-methylphenol	3200	U
86-30-6	N-Nitrosodiphenylamine (1)	660	U
101-55-3	4-Bromophenyl-phenylether	660	U
118-74-1	Hexachlorobenzene	660	U
87-86-5	Pentachlorophenol	3200	U
85-01-8	Phenanthrene	660	U
120-12-7	Anthracene	660	U
84-74-2	Di-n-butylphthalate	660	U
206-44-0	Fluoranthene	660	U
129-00-0	Pyrene	660	U
85-68-7	Butylbenzylphthalate	660	U
91-94-1	3,3'-Dichlorobenzidine	1300	U
56-55-3	Benzo(a)anthracene	660	U
117-81-7	bis(2-Ethylhexyl)phthalate	660	U
218-01-9	Chrysene	660	U
117-84-0	Di-n-octylphthalate	660	U
205-99-2	Benzo(b)fluoranthene	660	U
207-08-9	Benzo(k)fluoranthene	660	U
50-32-8	Benzo(a)pyrene	660	U
193-39-5	Indeno(1,2,3-cd)pyrene	660	U
53-70-3	Dibenz(a,h)anthracene	660	U
191-24-2	Benzo(g,h,i)perylene	660	U

(1) - Cannot be separated from Diphenylamine

000118

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLKAM

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) SOIL__ Lab Sample ID: 2487-MBS_____

Sample wt/vol: _30.0 (g/mL) G___ Lab File ID: AD688_____

Level: (low/med) LOW___ Date Received: _____

% Moisture: not dec. ____ dec. ____ Date Extracted: 06/21/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/29/90

GPC Cleanup: (Y/N) Y__ pH: _____ Dilution Factor: 1.0_____

Number TICs found: __9

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	6.32	3000	J
2. 123422	DIACETONE ALCOHOL	7.05	47000	AJ
3.	UNKNOWN	7.20	1000	J
4.	UNKNOWN	8.49	530	J
5.	UNKNOWN	9.19	470	J
6.	UNKNOWN	10.14	670	J
7.	UNKNOWN	26.74	1900	J
8.	UNKNOWN	28.51	800	J
9.	UNKNOWN	30.16	270	J

000119

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKAN

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) WATER_ Lab Sample ID: 2489-MBW_____

Sample wt/vol: 1000_ (g/mL) ML__ Lab File ID: AD711_____

Level: (low/med) LOW___ Date Received: _____

% Moisture: not dec. ____ dec. ____ Date Extracted: 06/20/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 07/02/90

GPC Cleanup: (Y/N) N__ pH: _____ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L_	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	bis(2-Chloroisopropyl)ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	50	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

000120

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKAN

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) WATER_ Lab Sample ID: 2489-MBW_____

Sample wt/vol: 1000_ (g/mL) ML__ Lab File ID: AD711_____

Level: (low/med) LOW___ Date Received: _____

% Moisture: not dec. ____ dec. ____ Date Extracted: 06/20/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 07/02/90

GPC Cleanup: (Y/N) N__ pH: _____ Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L_	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)anthracene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
218-01-9	Chrysene	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenz(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

000121

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SPLKAN

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) WATER_ Lab Sample ID: 2489-MBW_____

Sample wt/vol: 1000_ (g/mL) ML__ Lab File ID: AD711_____

Level: (low/med) LOW___ Date Received: _____

% Moisture: not dec. ____ dec. ____ Date Extracted: 06/20/90

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 07/02/90

GPC Cleanup: (Y/N) N__ pH: _____ Dilution Factor: 1.0_____

Number TICs found: __3

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	27.09	20	J
2.	UNKNOWN	27.29	110	J
3.	UNKNOWN	29.34	40	J

000122