1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP64-05-SV-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: EHL03

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SVEHL03

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

% Moisture: not dec. 10 dec. ____ Date Extracted: 06/22/90

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

GPC Cleanup: (Y/N) N pH: 8.9 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	370	UA
634-66-2	1,2,3,4-Tetrachlorobenzene	370	UB
634-90-2	1,2,3,5-Tetrachlorobenzene	370	UB
95-94-3	1,2,4,5-Tetrachlorobenzene	370	UA
58-90-2	2,3,4,6-Tetrachlorophenol	370	UB
95-53-4	o-Toluidine	370	UA
137-26-8	Thioram	0	UC
99-35-4	sym-Trinitrobenzene	370	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	370	UA
4901-51-3	2,3,4,5-Tetrachlorophenol	370	UA
3196-13-2	Thiofanox	0	UC
87-61-6	1,2,3-Trichlorobenzene	370	UB
108-70-3	1,3,5-Trichlorobenzene	370	UB
66-75-1	Uracil Mustard	0	UC
109-06-8	2-Picoline	370	UA

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CPP64-05-SV-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: EHL03

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SVEHL03

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

% Moisture: not dec. 10 dec. _____ Date Extracted: 06/22/90

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

GPC Cleanup: (Y/N) N pH: 8.9 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

GC/ECD ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE ID
CPP64-05 SV-1-1

Lab Name: GULF SOUTH ENVIRONMENTAL LABORATORY Contract: GOLDER

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

Matrix: SOIL Lab Sample ID: EHL-03

Level: LOW Lab File ID(1): G:B314535
(2): G:A314535

Sample wt : 30 g pH: 8.9 Date Received: 06-15-90

Extraction: SONC Date Extracted: 06-22-90

Moisture: not dec: 9% 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	8.8	U
319-85-7	beta-BHC	8.8	U
319-86-8	delta-BHC	8.8	U
58-89-9	gamma-BHC (Lindane)	8.8	U
76-44-8	Heptachlor	8.8	U
309-00-2	Aldrin	8.8	U
1024-57-3	Heptachlor epoxide	8.8	U
959-98-8	Endosulfan I	8.8	U
60-57-1	Dieldrin	18	U
72-55-9	4,4'-DDE	18	U
72-20-8	Endrin	18	U
33213-65-9	Endosulfan II	18	U
72-54-8	4,4'-DDD	18	U
1031-07-8	Endosulfan sulfate	18	U
50-29-3	4,4'-DDT	18	U
72-43-5	Methoxychlor	88	U
53494-70-5	Endrin ketone	18	U
5103-71-9	alpha-Chlordane	88	U
5103-74-2	gamma-Chlordane	88	U
8001-35-2	Toxaphene	180	U
12674-11-2	Aroclor 1016	88	U
11104-28-2	Aroclor 1221	88	U
11141-16-5	Aroclor 1232	88	U
53469-21-9	Aroclor 1242	88	U
12672-29-6	Aroclor 1248	88	U
11097-69-6	Aroclor 1254	180	U
11096-82-5	Aroclor 1260	180	U

Target Compound List C:\NELSON\RASL.TCL 15:23:24 07-11-1990

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GC/ECD ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE ID

CPP64-05 SV-1-1

Lab Name: GULF SOUTH ENVIRONMENTAL LABORATORY Contract: GOLDER

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

Matrix: SOIL Lab Sample ID: EHL-03

Level: LOW Lab File ID(1): G:A314535
(2):

Sample wt : 30 g pH: ____ Date Received: 06-15-90

Extraction: SONC Date Extracted: 06-22-90

Moisture: not dec: 9% 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	88	U
2303-16-4	Diallate	88	U
465-73-6	Isodrin	18	U
143-50-0	Kepone	880	U

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GC/FPD ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE ID

CPP64-05 SV-1-1

Lab Name: GULF SOUTH ENVIRONMENTAL LABORATORY Contract: GOLDER

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

Matrix: SOIL Lab Sample ID: EHL-03

Level: LOW Lab File ID(1): I:B622913

(2):

Sample wt : 30 g pH: 8.9 Date Received: 06-15-90

Extraction: SONC Date Extracted: 06-25-90

Moisture: not dec: 10% 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	74	U
297-97-2	Thionazin	74	U
298-02-2	Phorate	74	U
3689-24-5	Tetraethyldithropyrophosph	74	U
298-04-4	Disulfoton	74	U
60-51-5	Dimethoate	74	U
298-00-0	Methyl parathion	74	U
56-38-2	Parathion	74	U
52-85-7	Famphur	74	U

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GC/ECD ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE ID

CPP64-05-SV-1-1

Lab Name: GULF SOUTH ENVIRONMENTAL LABORATORY Contract: _____

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

Matrix: SOIL Lab Sample ID: EHL-03

Level: LOW Lab File ID(1): G:A21436
(2):

Sample wt : 50 g pH: 8.89 Date Received: 6-5-90

Extraction: SONC Date Extracted: 6-21-90

Moisture: not dec: 9% 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	260	U
93-72-1	2,4,5-TP (Silvex)	37	U
93-76-5	2,4,5-T	44	U

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP64-05-
SV2-3-2

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) SOIL__ Lab Sample ID: 2489-02_____

Sample wt/vol: 30.0 (g/mL) G___ Lab File ID: AD701_____

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

% Moisture: not dec. ___7 dec. ____ Date Extracted: 06/20/90

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

GPC Cleanup: (Y/N) Y__ pH: __7.8 Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	710	U
111-44-4	bis(2-Chloroethyl)ether	710	U
95-57-8	2-Chlorophenol	710	U
541-73-1	1,3-Dichlorobenzene	710	U
106-46-7	1,4-Dichlorobenzene	710	U
100-51-6	Benzyl alcohol	710	U
95-50-1	1,2-Dichlorobenzene	710	U
95-48-7	2-Methylphenol	710	U
108-60-1	bis(2-Chloroisopropyl)ether	710	U
106-44-5	4-Methylphenol	710	U
621-64-7	N-Nitroso-di-n-propylamine	710	U
67-72-1	Hexachloroethane	710	U
98-95-3	Nitrobenzene	710	U
78-59-1	Isophorone	710	U
88-75-5	2-Nitrophenol	710	U
105-67-9	2,4-Dimethylphenol	710	U
65-85-0	Benzoic Acid	3400	U
111-91-1	bis(2-Chloroethoxy)methane	710	U
120-83-2	2,4-Dichlorophenol	710	U
120-82-1	1,2,4-Trichlorobenzene	710	U
91-20-3	Naphthalene	710	U
106-47-8	4-Chloroaniline	710	U
87-68-3	Hexachlorobutadiene	710	U
59-50-7	4-Chloro-3-methylphenol	710	U
91-57-6	2-Methylnaphthalene	710	U
77-47-4	Hexachlorocyclopentadiene	710	U
88-06-2	2,4,6-Trichlorophenol	710	U
95-95-4	2,4,5-Trichlorophenol	3400	U
91-58-7	2-Chloronaphthalene	710	U
88-74-4	2-Nitroaniline	3400	U
131-11-3	Dimethylphthalate	710	U
208-96-8	Acenaphthylene	710	U
606-20-2	2,6-Dinitrotoluene	710	U

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP64-05-SV2-3-2

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) SOIL__ Lab Sample ID: 2489-02_____

Sample wt/vol: _30.0 (g/mL) G___ Lab File ID: AD701_____

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

% Moisture: not dec. ___7 dec. ____ Date Extracted: 06/20/90

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

GPC Cleanup: (Y/N) Y__ pH: __7.8 Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	3400	U
83-32-9	Acenaphthene	710	U
51-28-5	2,4-Dinitrophenol	3400	U
100-02-7	4-Nitrophenol	3400	U
132-64-9	Dibenzofuran	710	U
121-14-2	2,4-Dinitrotoluene	710	U
84-66-2	Diethylphthalate	710	U
7005-72-3	4-Chlorophenyl-phenylether	710	U
86-73-7	Fluorene	710	U
100-01-6	4-Nitroaniline	3400	U
534-52-1	4,6-Dinitro-2-methylphenol	3400	U
86-30-6	N-Nitrosodiphenylamine (1)	710	U
101-55-3	4-Bromophenyl-phenylether	710	U
118-74-1	Hexachlorobenzene	710	U
87-86-5	Pentachlorophenol	3400	U
85-01-8	Phenanthrene	710	U
120-12-7	Anthracene	710	U
84-74-2	Di-n-butylphthalate	1100	
206-44-0	Fluoranthene	710	U
129-00-0	Pyrene	710	U
85-68-7	Butylbenzylphthalate	520	J
91-94-1	3,3'-Dichlorobenzidine	1400	U
56-55-3	Benzo(a)anthracene	710	U
117-81-7	bis(2-Ethylhexyl)phthalate	1500	
218-01-9	Chrysene	710	U
117-84-0	Di-n-octylphthalate	710	U
205-99-2	Benzo(b)fluoranthene	710	U
207-08-9	Benzo(k)fluoranthene	710	U
50-32-8	Benzo(a)pyrene	710	U
193-39-5	Indeno(1,2,3-cd)pyrene	710	U
53-70-3	Dibenz(a,h)anthracene	710	U
191-24-2	Benzo(g,h,i)perylene	710	U

(1) - Cannot be separated from Diphenylamine

000065

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CPP64-05-
SV2-3-2

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) SOIL__ Lab Sample ID: 2489-02_____

Sample wt/vol: _30.0 (g/mL) G___ Lab File ID: AD701_____

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

% Moisture: not dec. ___7 dec. ____ Date Extracted: 06/20/90

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

GPC Cleanup: (Y/N) Y__ pH: __7.8 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	4.70	1400	J
2.	UNKNOWN	6.32	3400	J
3. 123422	DIACETONE ALCOHOL	7.02	55000	ABJ
4.	UNKNOWN	7.17	1100	J
5.	UNKNOWN	8.45	570	J
6.	UNKNOWN	8.77	360	J
7.	UNKNOWN	10.10	1300	J
8.	UNKNOWN	11.17	360	J
9.	UNKNOWN	12.84	290	J

000066

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP64-05-
SV2-3-2-D

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) SOIL__ Lab Sample ID: 2489-34_____

Sample wt/vol: _30.0 (g/mL) G___ Lab File ID: AD710_____

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

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

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

GPC Cleanup: (Y/N) Y__ pH: __8.2 Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	700	U
111-44-4	bis(2-Chloroethyl)ether	700	U
95-57-8	2-Chlorophenol	700	U
541-73-1	1,3-Dichlorobenzene	700	U
106-46-7	1,4-Dichlorobenzene	700	U
100-51-6	Benzyl alcohol	700	U
95-50-1	1,2-Dichlorobenzene	700	U
95-48-7	2-Methylphenol	700	U
108-60-1	bis(2-Chloroisopropyl)ether	700	U
106-44-5	4-Methylphenol	700	U
621-64-7	N-Nitroso-di-n-propylamine	700	U
67-72-1	Hexachloroethane	700	U
98-95-3	Nitrobenzene	700	U
78-59-1	Isophorone	700	U
88-75-5	2-Nitrophenol	700	U
105-67-9	2,4-Dimethylphenol	700	U
65-85-0	Benzoic Acid	3400	U
111-91-1	bis(2-Chloroethoxy)methane	700	U
120-83-2	2,4-Dichlorophenol	700	U
120-82-1	1,2,4-Trichlorobenzene	700	U
91-20-3	Naphthalene	700	U
106-47-8	4-Chloroaniline	700	U
87-68-3	Hexachlorobutadiene	700	U
59-50-7	4-Chloro-3-methylphenol	700	U
91-57-6	2-Methylnaphthalene	700	U
77-47-4	Hexachlorocyclopentadiene	700	U
88-06-2	2,4,6-Trichlorophenol	700	U
95-95-4	2,4,5-Trichlorophenol	3400	U
91-58-7	2-Chloronaphthalene	700	U
88-74-4	2-Nitroaniline	3400	U
131-11-3	Dimethylphthalate	700	U
208-96-8	Acenaphthylene	700	U
606-20-2	2,6-Dinitrotoluene	700	U

000108

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP64-05-
SV2-3-2-D

Lab Name: FNELI_____ Contract: INEL_____

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

Matrix: (soil/water) SOIL__ Lab Sample ID: 2489-34_____

Sample wt/vol: _30.0 (g/mL) G___ Lab File ID: AD710_____

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

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

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

GPC Cleanup: (Y/N) Y__ pH: __8.2 Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	3400	U
83-32-9	Acenaphthene	700	U
51-28-5	2,4-Dinitrophenol	3400	U
100-02-7	4-Nitrophenol	3400	U
132-64-9	Dibenzofuran	700	U
121-14-2	2,4-Dinitrotoluene	700	U
84-66-2	Diethylphthalate	700	U
7005-72-3	4-Chlorophenyl-phenylether	700	U
86-73-7	Fluorene	700	U
100-01-6	4-Nitroaniline	3400	U
534-52-1	4,6-Dinitro-2-methylphenol	3400	U
86-30-6	N-Nitrosodiphenylamine (1)	700	U
101-55-3	4-Bromophenyl-phenylether	700	U
118-74-1	Hexachlorobenzene	700	U
87-86-5	Pentachlorophenol	3400	U
85-01-8	Phenanthrene	700	U
120-12-7	Anthracene	700	U
84-74-2	Di-n-butylphthalate	2200	
206-44-0	Fluoranthene	700	U
129-00-0	Pyrene	700	U
85-68-7	Butylbenzylphthalate	240	J
91-94-1	3,3'-Dichlorobenzidine	1400	U
56-55-3	Benzo(a)anthracene	700	U
117-81-7	bis(2-Ethylhexyl)phthalate	230	J
218-01-9	Chrysene	700	U
117-84-0	Di-n-octylphthalate	700	U
205-99-2	Benzo(b)fluoranthene	700	U
207-08-9	Benzo(k)fluoranthene	700	U
50-32-8	Benzo(a)pyrene	700	U
193-39-5	Indeno(1,2,3-cd)pyrene	700	U
53-70-3	Dibenz(a,h)anthracene	700	U
191-24-2	Benzo(g,h,i)perylene	700	U

(1) - Cannot be separated from Diphenylamine

000109

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CPP64-05-
SV2-3-2-D

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) SOIL__ Lab Sample ID: 2489-34_____

Sample wt/vol: _30.0 (g/mL) G___ Lab File ID: AD710_____

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

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

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

GPC Cleanup: (Y/N) Y__ pH: __8.2 Dilution Factor: 1.0_____

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

Number TICs found: __8

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.75	2400	J
2.	UNKNOWN	6.27	2900	J
3. 123422	DIACETONE ALCOHOL	6.97	53000	ABJ
4.	UNKNOWN	7.13	1100	J
5.	UNKNOWN ALKANE	7.23	280	J
6.	UNKNOWN	8.42	430	J
7.	UNKNOWN	8.75	350	J
8.	UNKNOWN	9.12	350	J

000110

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP64-05-SV2-5-3

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) SOIL__ Lab Sample ID: 2489-05_____

Sample wt/vol: _30.0 (g/mL) G___ Lab File ID: AD689_____

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

% Moisture: not dec. ___4 dec. ____ Date Extracted: 06/21/90

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

GPC Cleanup: (Y/N) Y__ pH: __6.2 Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	690	U
111-44-4	bis(2-Chloroethyl)ether	690	U
95-57-8	2-Chlorophenol	690	U
541-73-1	1,3-Dichlorobenzene	690	U
106-46-7	1,4-Dichlorobenzene	690	U
100-51-6	Benzyl alcohol	690	U
95-50-1	1,2-Dichlorobenzene	690	U
95-48-7	2-Methylphenol	690	U
108-60-1	bis(2-Chloroisopropyl)ether	690	U
106-44-5	4-Methylphenol	690	U
621-64-7	N-Nitroso-di-n-propylamine	690	U
67-72-1	Hexachloroethane	690	U
98-95-3	Nitrobenzene	690	U
78-59-1	Isophorone	690	U
88-75-5	2-Nitrophenol	690	U
105-67-9	2,4-Dimethylphenol	690	U
65-85-0	Benzoic Acid	3300	U
111-91-1	bis(2-Chloroethoxy)methane	690	U
120-83-2	2,4-Dichlorophenol	690	U
120-82-1	1,2,4-Trichlorobenzene	690	U
91-20-3	Naphthalene	690	U
106-47-8	4-Chloroaniline	690	U
87-68-3	Hexachlorobutadiene	690	U
59-50-7	4-Chloro-3-methylphenol	690	U
91-57-6	2-Methylnaphthalene	690	U
77-47-4	Hexachlorocyclopentadiene	690	U
88-06-2	2,4,6-Trichlorophenol	690	U
95-95-4	2,4,5-Trichlorophenol	3300	U
91-58-7	2-Chloronaphthalene	690	U
88-74-4	2-Nitroaniline	3300	U
131-11-3	Dimethylphthalate	690	U
208-96-8	Acenaphthylene	690	U
606-20-2	2,6-Dinitrotoluene	690	U

000067

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP64-05-
SV2-5-3

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) SOIL__ Lab Sample ID: 2489-05_____

Sample wt/vol: _30.0 (g/mL) G___ Lab File ID: AD689_____

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

% Moisture: not dec. ___4 dec. ____ Date Extracted: 06/21/90

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

GPC Cleanup: (Y/N) Y__ pH: __6.2 Dilution Factor: 1.0_____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	3300	U
83-32-9	Acenaphthene	690	U
51-28-5	2,4-Dinitrophenol	3300	U
100-02-7	4-Nitrophenol	3300	U
132-64-9	Dibenzofuran	690	U
121-14-2	2,4-Dinitrotoluene	690	U
84-66-2	Diethylphthalate	690	U
7005-72-3	4-Chlorophenyl-phenylether	690	U
86-73-7	Fluorene	690	U
100-01-6	4-Nitroaniline	3300	U
534-52-1	4,6-Dinitro-2-methylphenol	3300	U
86-30-6	N-Nitrosodiphenylamine (1)	690	U
101-55-3	4-Bromophenyl-phenylether	690	U
118-74-1	Hexachlorobenzene	690	U
87-86-5	Pentachlorophenol	3300	U
85-01-8	Phenanthrene	690	U
120-12-7	Anthracene	690	U
84-74-2	Di-n-butylphthalate	510	J
206-44-0	Fluoranthene	690	U
129-00-0	Pyrene	690	U
85-68-7	Butylbenzylphthalate	300	J
91-94-1	3,3'-Dichlorobenzidine	1400	U
56-55-3	Benzo(a)anthracene	690	U
117-81-7	bis(2-Ethylhexyl)phthalate	560	J
218-01-9	Chrysene	690	U
117-84-0	Di-n-octylphthalate	690	U
205-99-2	Benzo(b)fluoranthene	690	U
207-08-9	Benzo(k)fluoranthene	690	U
50-32-8	Benzo(a)pyrene	690	U
193-39-5	Indeno(1,2,3-cd)pyrene	690	U
53-70-3	Dibenz(a,h)anthracene	690	U
191-24-2	Benzo(g,h,i)perylene	690	U

(1) - Cannot be separated from Diphenylamine

000068

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CPP64-05-
SV2-5-3

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) SOIL__ Lab Sample ID: 2489-05_____

Sample wt/vol: _30.0 (g/mL) G___ Lab File ID: AD689_____

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

% Moisture: not dec. ___4 dec. ____ Date Extracted: 06/21/90

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

GPC Cleanup: (Y/N) Y__ pH: __6.2 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	4.72	690	J
2.	UNKNOWN	6.37	3400	BJ
3. 123422	DIACETONE ALCOHOL	7.05	56000	ABJ
4.	UNKNOWN	7.18	1100	BJ
5.	UNKNOWN	8.47	630	BJ
6.	UNKNOWN	9.15	560	BJ
7.	UNKNOWN	10.10	970	BJ

690000

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field Spike

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

Field Spike

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 Field Spike

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

APPENDIX C
PART 4

LABORATORY METHOD BLANK DATA
FIELD BLANK DATA

CPP64-TX-00-EB

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

Z48915

Lab Name: PACIFIC NW ENV LABORATORY Contract:

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

Matrix (soil/water): WATER Lab Sample ID: 2489-15

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

% 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	8.4			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	51.6	B		P
7439-92-1	Lead	3.1			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		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

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

000006

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
CPP64
V2-00-EB

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) WATER_ Lab Sample ID: 2489-17_____

Sample wt/vol: __5.0 (g/mL) ML__ Lab File ID: B4534_____

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

% 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

000046

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
CPP64
V2-00-EB

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) WATER_ Lab Sample ID: 2489-17_____

Sample wt/vol: __5.0 (g/mL) ML__ Lab File ID: B4534_____

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

% 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

000047

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP64-SV2-00-EB

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) WATER_ Lab Sample ID: 2489-16_____

Sample wt/vol: 1020_ (g/mL) ML__ Lab File ID: AD712_____

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

% 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: 1.00____

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	49	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	49	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	49	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

000086

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP64-SV2-00-ED

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) WATER_ Lab Sample ID: 2489-16_____

Sample wt/vol: 1020_ (g/mL) ML__ Lab File ID: AD712_____

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

% 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: 1.00____

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

CAS NO.	COMPOUND	Q
99-09-2	3-Nitroaniline	49 U
83-32-9	Acenaphthene	10 U
51-28-5	2,4-Dinitrophenol	49 U
100-02-7	4-Nitrophenol	49 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	49 U
534-52-1	4,6-Dinitro-2-methylphenol	49 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	49 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

000087

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CPP64-SV2-00-EB

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) WATER_ Lab Sample ID: 2489-16_____

Sample wt/vol: 1020_ (g/mL) ML__ Lab File ID: AD712_____

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

% 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: 1.00____

Number TICs found: __4

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	27.09	7.8	BJ
2.	UNKNOWN	27.22	12	J
3.	UNKNOWN	27.31	100	BJ
4.	UNKNOWN	29.36	47	BJ

000088

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP64-03-00-TB

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2487__ SAS No.: _____ SDG No.: CPP64_

Matrix: (soil/water) WATER_ Lab Sample ID: 2487-28_____

Sample wt/vol: __5.0 (g/mL) ML__ Lab File ID: B4532_____

Level: (low/med) LOW___ Date Received: 06/14/90

% 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.

CPP64-03-00-TB

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2487__ SAS No.: _____ SDG No.: CPP64_

Matrix: (soil/water) WATER_ Lab Sample ID: 2487-28_____

Sample wt/vol: __5.0 (g/mL) ML__ Lab File ID: B4532_____

Level: (low/med) LOW___ Date Received: 06/14/90

% 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.

CPP64
04-00-TB

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) WATER_ Lab Sample ID: 2489-37_____

Sample wt/vol: __5.0 (g/mL) ML__ Lab File ID: B4533_____

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

% 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

000062

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CPP64
04-00-TB

Lab Name: PNELI_____ Contract: INEL_____

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

Matrix: (soil/water) WATER_ Lab Sample ID: 2489-37_____

Sample wt/vol: __5.0 (g/mL) ML__ Lab File ID: B4533_____

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

% 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

000063

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP64-05-00-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: EHL07R

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VOEHL07R

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	49	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.

CPF64-05-00-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: EHL07R

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VOEHL07R

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.

CPP64-05-00-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: EHL07R

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VOEHL07R

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.

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.

VBLKA1

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2487__ SAS No.: _____ SDG No.: CPP64_

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

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A4618_____

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

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

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.: 2487__ SAS No.: _____ SDG No.: CPP64_

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

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A4618_____

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

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

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	49	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKA2

Lab Name: PNELI Contract: INEL

Lab Code: PNELI Case No.: 2487 SAS No.: SDG No.: CPP64

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.: 2487__ SAS No.: _____ SDG No.: CPP64_

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

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKB1

Lab Name: PNELI Contract: INEL

Lab Code: PNELI Case No.: 2487 SAS No.: SDG No.: 2472

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.: 2487__ SAS No.: _____ SDG No.: 2472__

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.

VBLKB2

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2487__ SAS No.: _____ SDG No.: CPP64_

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKB2

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2487__ SAS No.: _____ SDG No.: CPP64_

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

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

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

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-dinitropheno	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.

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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