1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK02

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: [illegible] SAS No.: _____ SDG No.: [illegible]

Matrix: (soil/water) WATER_ Lab Sample ID: VBLK02_____

Sample wt/vol: __5.0 (g/mL) ML__ Lab File ID: B3738_____

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

% Moisture: not dec. ____ Date Analyzed: 12/20/89

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

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

CAS NO.	COMPOUND		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

4055

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO

VBLKB2

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2202__ SAS No.: _____ SDG No.: CPP55_

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

Sample wt/vol: __5.0 (g/mL) ML__ Lab File ID: B3738_____

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

% Moisture: not dec. ____ Date Analyzed: 12/22/89

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

4056

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKA4

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 1102__ SAS No.: _____ SDG No.: CPP55_

Matrix: (soil/water) SOIL__ Lab Sample ID: VBLKA4_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A3755_____

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

% Moisture: not dec. ____ Date Analyzed: 12/26/89

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

4057

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKA4

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: C102__ SAS No.: _____ SDG No.: CPP55_

Matrix: (soil/water) SOIL__ Lab Sample ID: VBLKA4_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A3755_____

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

% Moisture: not dec. ____ Date Analyzed: 12/26/89

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

4058

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKA6

Lab Name: PNELI Contract: INEL

Lab Code: PNELI Case No.: 2201 SAS No.: SDG No.: CPP55

Matrix: (soil/water) SOIL Lab Sample ID: VBLKA6

Sample wt/vol: 5.0 (g/mL) G Lab File ID: A3776

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 12/28/89

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	1	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

4059

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKA6

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2202__ SAS No.: _____ SDG No.: CPP55_

Matrix: (soil/water) SOIL__ Lab Sample ID: VBLKA6_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A3776_____

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

% Moisture: not dec. ____ Date Analyzed: 12/28/89

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

4060

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKB5

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2202__ SAS No.: _____ SDG No.: CPP55_

Matrix: (soil/water) WATER_ Lab Sample ID: VBLKB5_____

Sample wt/vol: __5.0 (g/mL) ML__ Lab File ID: B3766_____

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

% Moisture: not dec. ____ Date Analyzed: 12/29/89

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	15	
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	3	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

4061

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKB5

Lab Name: FNELI_____ Contract: INEL_____

Lab Code: FNELI__ Case No.: 2202__ SAS No.: _____ SDG No.: CPP55_

Matrix: (soil/water) WATER_ Lab Sample ID: VBLKB5_____

Sample wt/vol: __5.0 (g/mL) ML__ Lab File ID: B3766_____

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

% Moisture: not dec. ____ Date Analyzed: 12/29/89

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

4062

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKA7

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2202__ SAS No.: _____ SDG No.: CPP55_

Matrix: (soil/water) SOIL__ Lab Sample ID: VBLKA7_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A3787_____

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

% Moisture: not dec. ____ Date Analyzed: 12/29/89

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	15	
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	2	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

4063

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKA7

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2202__ SAS No.: _____ SDG No.: CPP55_

Matrix: (soil/water) SOIL__ Lab Sample ID: VBLKA7_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A3787_____

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

% Moisture: not dec. ____ Date Analyzed: 12/29/89

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

4064

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

218605

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: IDPI__ SAS No.: _____ SDG No.: CPP55_

Matrix: (soil/water) WATER_ Lab Sample ID: 2186-05_____

Sample wt/vol: __5.0 (g/mL) mL__ Lab File ID: B3740_____

Level: (low/med) LOW___ Date Received: 12/20/89

% Moisture: not dec. ____ Date Analyzed: 12/22/89

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

4026

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

218606

Lab Name: FNELI_____ Contract: INEL_____

Lab Code: FNELI__ Case No.: 2206__ SAS No.: _____ SDG No.: CPF55_

Matrix: (soil/water) WATER_ Lab Sample ID: 2186-05_____

Sample wt/vol: __5.0 (g/mL) ML__ Lab File ID: B3740_____

Level: (low/med) LOW___ Date Received: 12/20/89

% Moisture: not dec. ____ Date Analyzed: 12/22/89

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

4027

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

2186-05MS

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2286__ SAS No.: _____ SDG No.: CPP55_

Matrix: (soil/water) WATER_ Lab Sample ID: 2186-05MS____

Sample wt/vol: __5.0 (g/mL) ML__ Lab File ID: B3741_____

Level: (low/med) LOW___ Date Received: 12/20/89

% Moisture: not dec. ____ Date Analyzed: 12/22/89

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

4028

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

2186-05MSD

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2202__ SAS No.: _____ SDG No.: CPP55_

Matrix: (soil/water) WATER_ Lab Sample ID: 2186-05MSD___

Sample wt/vol: __5.0 (g/mL) ML__ Lab File ID: B3742_____

Level: (low/med) LOW___ Date Received: 12/20/89

% Moisture: not dec. ____ Date Analyzed: 12/22/89

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

4029

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Z191-08

Lab Name: FNELI_____ Contract: INEL_____

Lab Code: FNELI__ Case No.: ZZZZ__ SAS No.: _____ SDG No.: CPP55_

Matrix: (soil/water) SOIL__ Lab Sample ID: Z191-08_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A3758_____

Level: (low/med) LOW___ Date Received: 12/21/89

% Moisture: not dec. ___4 Date Analyzed: 12/26/89

Column: (packed/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	3	J
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

4030

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

219108

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 3200__ SAS No.: _____ SDG No.: CFF55_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2191-08_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A3758_____

Level: (low/med) LOW___ Date Received: 12/21/89

% Moisture: not dec. ___4 Date Analyzed: 12/26/89

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

4031

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

2191-08MS

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2202__ SAS No.: _____ SDG No.: CPP55_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2191-08MS____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A3759_____

Level: (low/med) LOW___ Date Received: 12/21/89

% Moisture: not dec. ___4 Date Analyzed: 12/26/89

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	2	J
67-64-1	Acetone	3	J
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

4032

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

2191-08MSD

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2200__ SAS No.: _____ SDG No.: CPP55_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2191-08MSD___

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A3760_____

Level: (low/med) LOW___ Date Received: 12/21/89

% Moisture: not dec. ___4 Date Analyzed: 12/26/89

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	2	J
67-64-1	Acetone	3	J
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	2	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

4033

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

220202

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2202__ SAS No.: _____ SDG No.: CPP55_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2202-02_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A3788_____

Level: (low/med) LOW___ Date Received: 12/23/89

% Moisture: not dec. __17 Date Analyzed: 12/28/89

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	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	7	J
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

4034

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CC0202

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2201__ SAS No.: _____ SDG No.: CPF55_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2202-02_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A3783_____

Level: (low/med) LOW___ Date Received: 12/23/89

% Moisture: not dec. __17 Date Analyzed: 12/28/89

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

4035

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

220205

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2202__ SAS No.: _____ SDG No.: CPP56_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2202-05_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A3784_____

Level: (low/med) LOW___ Date Received: 12/23/89

% Moisture: not dec. __23 Date Analyzed: 12/28/89

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	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	8	J
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

4036

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

2202-05

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2202__ SAS No.: _____ SDG No.: CPP55_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2202-05_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A3784_____

Level: (low/med) LOW___ Date Received: 12/23/89

% Moisture: not dec. __23 Date Analyzed: 12/29/89

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

4037

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

[illegible]

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: [illegible] SAS No.: _____ SDG No.: [illegible]

Matrix: (soil/water) SOIL__ Lab Sample ID: [illegible]-08_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A3788_____

Level: (low/med) LOW__ Date Received: 12/23/89

% Moisture: not dec. ___0 Date Analyzed: 12/29/89

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	17	B
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

4038

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

220208

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2202__ SAS No.: _____ SDG No.: CPF55_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2202-08_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A3788_____

Level: (low/med) LOW___ Date Received: 12/29/89

% Moisture: not dec. ___5 Date Analyzed: 12/29/89

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

4039

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

220211

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2202__ SAS No.: _____ SDG No.: CPP55_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2202-11_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A3789_____

Level: (low/med) LOW___ Date Received: 12/23/89

% Moisture: not dec. ___6 Date Analyzed: 12/29/89

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

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

4040

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

2202-11

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2202__ SAS No.: _____ SDG No.: CPP55_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2202-11_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A3789_____

Level: (low/med) LOW___ Date Received: 12/23/89

% Moisture: not dec. ___6 Date Analyzed: 12/29/89

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

4041

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

220214

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2202__ SAS No.: _____ SDG No.: CP55_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2202-14_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A3790_____

Level: (low/med) LOW___ Date Received: 12/23/89

% Moisture: not dec. __12 Date Analyzed: 12/29/89

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	1	J
67-64-1	Acetone	14	B
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	Trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

4042

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

220214

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2202__ SAS No.: _____ SDG No.: CPP55_

Matrix: (soil/water) SOIL__ Lab Sample ID: 2202-14_____

Sample wt/vol: __5.0 (g/mL) G___ Lab File ID: A3790_____

Level: (low/med) LOW___ Date Received: 12/23/89

% Moisture: not dec. __12 Date Analyzed: 12/29/89

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

4043

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

220217

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2202__ SAS No.: _____ SDG No.: CPF55_

Matrix: (soil/water) WATER_ Lab Sample ID: 2202-17_____

Sample wt/vol: __5.0 (g/mL) ML__ Lab File ID: B3771_____

Level: (low/med) LOW___ Date Received: 12/22/89

% Moisture: not dec. ____ Date Analyzed: 12/29/89

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

4044

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

220217

Lab Name: PNELI_____ Contract: INEL_____

Lab Code: PNELI__ Case No.: 2202__ SAS No.: _____ SDG No.: CPP55_

Matrix: (soil/water) WATER_ Lab Sample ID: 2202-17_____

Sample wt/vol: __5.0 (g/mL) ML__ Lab File ID: B3771_____

Level: (low/med) LOW___ Date Received: 12/23/89

% Moisture: not dec. ____ Date Analyzed: 12/29/89

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

4045

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1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP55-10-TX-3-1

Lab Name: PNEL Contract: _____

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

Matrix (soil/water): Soil Lab Sample ID: 2202-01

Level (low/med): low Date Received: 12/23/89

% Solids: 93.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic	6.2		N	F
7440-39-3	Barium	160			P
7440-41-7	Beryllium				
7440-43-9	Cadmium	1.0	U	N	P
7440-70-2	Calcium				
7440-47-3	Chromium	29.5		N *	P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron	16300			P
7439-92-1	Lead	10.4			F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.11			CV
7440-02-0	Nickel	23.9			P
7440-09-7	Potassium				
7782-49-2	Selenium	0.56	U	NE	F
7440-22-4	Silver	2.5			P
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: Coarse

Color After: _____ Clarity After: _____ Artifacts: Yes

Comments:

artifacts : rocks

4001

FORM I - IN

7/88

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1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP55-10-TX-6-4

Lab Name: PNEL Contract: _____

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

Matrix (soil/water): Soil Lab Sample ID: 2202-04

Level (low/med): low Date Received: 12/23/89

% Solids: 96.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic	6.0		N	F
7440-39-3	Barium	88.2			P
7440-41-7	Beryllium				
7440-43-9	Cadmium	1.0	U	N	P
7440-70-2	Calcium				
7440-47-3	Chromium	18.3		N *	P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron	11300			P
7439-92-1	Lead	6.3			F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.05	U		CV
7440-02-0	Nickel	16.0			P
7440-09-7	Potassium				
7782-49-2	Selenium	0.56	U	N W	F
7440-22-4	Silver	2.0			P
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: Coarse

Color After: _____ Clarity After: _____ Artifacts: Yes

Comments:

artifacts : rocks

4002

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1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

KPPSS-11-TX-1-9

Lab Name: PNEL Contract: _____

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

Matrix (soil/water): Soil Lab Sample ID: 2202-07

Level (low/med): low Date Received: 12/23/89

% Solids: 93.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic	5.2		N	E
7440-39-3	Barium	148			P
7440-41-7	Beryllium				
7440-43-9	Cadmium	1.0	U	N	P
7440-70-2	Calcium				
7440-47-3	Chromium	25.1		N*	P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron	14500			P
7439-92-1	Lead	9.7			F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	> 2.0			CV
7440-02-0	Nickel	21.5			P
7440-09-7	Potassium				
7782-49-2	Selenium	0.53	U	NE	F
7440-22-4	Silver	2.4			P
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: coarse

Color After: _____ Clarity After: _____ Artifacts: Yes

Comments:

The quantitation of mercury in this sample and the problems associated with the analysis is described in the case narrative

artifacts : rock.

4003

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1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP55-11-TX-3-10

Lab Name: PNEL Contract: _____

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

Matrix (soil/water): Soil Lab Sample ID: 2202-10

Level (low/med): low Date Received: 12/23/89

% Solids: 93.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic	3.8		N	F
7440-39-3	Barium	133			P
7440-41-7	Beryllium				
7440-43-9	Cadmium	1.0	U	N	P
7440-70-2	Calcium				
7440-47-3	Chromium	26.4		N*	P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron	16100			P
7439-92-1	Lead	6.9			F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.05	U		CV
7440-02-0	Nickel	25.4			P
7440-09-7	Potassium				
7782-49-2	Selenium	0.60	U	NW	F
7440-22-4	Silver	2.4			P
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: Coarse

Color After: _____ Clarity After: _____ Artifacts: Yes

Comments:

artifacts : rocks

4004

FORM I - IN

7/88

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1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPPSS-11-TX-6-13

Lab Name: PNEL Contract: _____

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

Matrix (soil/water): Soil Lab Sample ID: 2202-13

Level (low/med): low Date Received: 12/23/89

% Solids: 94.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic	4.4		N	F
7440-39-3	Barium	105			P
7440-41-7	Beryllium				
7440-43-9	Cadmium	1.0	U	N	P
7440-70-2	Calcium				
7440-47-3	Chromium	64.7		N*	P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron	11500			P
7439-92-1	Lead	6.1			F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.05	U		CV
7440-02-0	Nickel	20.2			P
7440-09-7	Potassium				
7782-49-2	Selenium	0.57	U	NW	F
7440-22-4	Silver	2.1	U		P
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: Coarse

Color After: _____ Clarity After: _____ Artifacts: Yes

Comments:

artifacts : rocks

4005

FORM I - IN

7/88

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1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

KPPSS-11-TX-FB-16

Lab Name: PNEL Contract: _____

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

Matrix (soil/water): water Lab Sample ID: 2202-16

Level (low/med): low Date Received: 12/23/89

% Solids: _____

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic	3.0	U		F
7440-39-3	Barium	10.0	U		P
7440-41-7	Beryllium				
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium				
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron	50.7	B		P
7439-92-1	Lead	3.0		W	F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.1	U		CV
7440-02-0	Nickel	20.0	U		P
7440-09-7	Potassium				
7782-49-2	Selenium	3.0	U	W	F
7440-22-4	Silver	10.0	U		P
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: clear Artifacts: _____

Comments:

4006

FORM I - IN

7/88

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1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

950421

Lab Name: G S E L I Contract:

Lab Code: GULF Case No.: SAS No.: SDG No.: DOQ001

Matrix (soil/water): WATER Lab Sample ID: 2301-01

Level (low/med): LOW Date Received: 02/20/90

% 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	17.3		N	F
7440-39-3	Barium	814		E	P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	3.8	B		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	49.4			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron	34500		E	P
7439-92-1	Lead	28.0			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	52.2			P
7440-09-7	Potassium				NR
7782-49-2	Selenium	2.0	U	W	F
7440-22-4	Silver	2.[illegible]	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: BROWN Clarity Before: TURBID Texture:

Color After: COLORLESS Clarity After: OPAQUE Artifacts:

Comments:

000001

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1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

950422

Lab Name: G S E L I Contract:

Lab Code: GULF Case No.: SAS No.: SDG No.: DOQ001

Matrix (soil/water): SOIL Lab Sample ID: 2301-02

Level (low/med): LOW Date Received: 02/20/90

% Solids: 81.7

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	3.7		N	F
7440-39-3	Barium	227		E	P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.66	B		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	24.1			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron	15800		E	P
7439-92-1	Lead	8.1			F
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.12	U	N	CV
7440-02-0	Nickel	19.5			P
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.33	U	W	F
7440-22-4	Silver	0.32	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: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

000002

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1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

CMPSS-11-TX-1-7

Lab Name: PNEL Contract: _____

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

Matrix (soil/water): EP Leachate Lab Sample ID: 2202-07

Level (low/med): _____ Date Received: 12-23-89

% Solids: _____

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				
7440-36-0	Antimony				
7440-38-2	Arsenic	3.0	U		F
7440-39-3	Barium	1194			P
7440-41-7	Beryllium				
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium				
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt				
7440-50-8	Copper				
7439-89-6	Iron	50.0	U		P
7439-92-1	Lead	3.0	U		F
7439-95-4	Magnesium				
7439-96-5	Manganese				
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	64.9			P
7440-09-7	Potassium				
7782-49-2	Selenium	3.0	U	NE	F
7440-22-4	Silver	10.0	U		P
7440-23-5	Sodium				
7440-28-0	Thallium				
7440-62-2	Vanadium				
7440-66-6	Zinc				
	Cyanide				

Color Before: Colorless Clarity Before: clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

002001

FORM I - IN

7/88

PACIFIC NORTHWEST ENVIRONMENTAL LABORATORY

Client No: 30-891206

ORGANIC ANALYSIS REPORT

Customer #	CPP55-DCW-MH-12
PNEL #	2191-12
Sample Description	EGG/ICPP/ID LDV CPP-55
Matrix	Water
Date Received	12-21-89
Date Analyzed	12-28-89
Units of Measure	mg/L

Compound	
Methanol	30

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1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP-55-TX-1-1

Lab Name: G S E L I Contract:

Lab Code: GULF Case No.: SAS No.: SDG No.: CPP-55

Matrix (soil/water): SOIL Lab Sample ID: DLK-02

Level (low/med): LOW Date Received: 02/07/90

% Solids: 93.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5610		E*	P
7440-36-0	Antimony	5.6	U		P
7440-38-2	Arsenic	4.9		N*	F
7440-39-3	Barium	109		E*	P
7440-41-7	Beryllium	0.79	B		P
7440-43-9	Cadmium	1.1			P
7440-70-2	Calcium	5550		E*	P
7440-47-3	Chromium	16.4		*	P
7440-48-4	Cobalt	5.8	B		P
7440-50-8	Copper	14.9		*	P
AR ~~7439-89-6~~	~~Iron~~ TIN	8.7 U ~~3.6~~	~~B~~ AR		P
7439-92-1	Lead	8.9		N	F
7439-95-4	Magnesium	3480		E*	P
7439-96-5	Manganese	194		N*	P
7439-97-6	Mercury	0.11			CV
7440-02-0	Nickel	20.4		*	P
7440-09-7	Potassium	858	B	E	P
7782-49-2	Selenium	0.41	U		F
7440-22-4	Silver	0.45	B	*	P
7440-23-5	Sodium	191	B	E	P
7440-28-0	Thallium	0.61	U		F
7440-62-2	Vanadium	20.1		*	P
7440-66-6	Zinc	56.6		*	P
	Cyanide	0.54	U		C
	SULFIDE	1.30	U		NA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: COLORLESS Clarity After: Artifacts: YES

Comments:
SAMPLE CONTAINED ROCKS.

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1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP-55-TX-3-2

Lab Name: G S E L I Contract:

Lab Code: GULF Case No.: SAS No.: SDG No.: CPP-55

Matrix (soil/water): SOIL Lab Sample ID: DLK-05

Level (low/med): LOW Date Received: 02/07/90

% Solids: 94.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4350		E*	P
7440-36-0	Antimony	6.6	B		P
7440-38-2	Arsenic	5.0		N*	F
7440-39-3	Barium	88.9		E*	P
7440-41-7	Beryllium	0.69	B		P
7440-43-9	Cadmium	0.99			P
7440-70-2	Calcium	8700		E*	P
7440-47-3	Chromium	13.3		*	P
7440-48-4	Cobalt	5.1	B		P
7440-50-8	Copper	10.6		*	P
~~7439-89-6~~	~~Iron~~ TIN	2.6 ~~5.5~~	~~BU~~		P
7439-92-1	Lead	9.0		N	F
7439-95-4	Magnesium	2900		E*	P
7439-96-5	Manganese	136		N*	P
7439-97-6	Mercury	0.20			CV
7440-02-0	Nickel	16.8		*	P
7440-09-7	Potassium	769	B	E	P
7782-49-2	Selenium	0.40	U		F
7440-22-4	Silver	0.47	B	*	P
7440-23-5	Sodium	162	B	E	P
7440-28-0	Thallium	0.60	U		F
7440-62-2	Vanadium	14.9		*	P
7440-66-6	Zinc	54.3		*	P
	Cyanide	0.40	U		C
	SULFIDE	0.70	U		NA

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: COLORLESS Clarity After: Artifacts: YES

Comments:
SAMPLE CONTAINED ROCKS.

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP-55-TX-5-3

Lab Name: G S E L I Contract:

Lab Code: GULF Case No.: SAS No.: SDG No.: CPP-55

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

Level (low/med): LOW Date Received: 02/07/90

% Solids: 84.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8590		E*	P
7440-36-0	Antimony	7.1	B		P
7440-38-2	Arsenic	6.4		N*	F
7440-39-3	Barium	164		E*	P
7440-41-7	Beryllium	1.0	B		P
7440-43-9	Cadmium	1.4			P
7440-70-2	Calcium	40300		E*	P
7440-47-3	Chromium	20.9		*	P
7440-48-4	Cobalt	8.0	B		P
7440-50-8	Copper	15.4		*	P
KOR ~~7439-89-6~~	~~Iron~~ TIN	10.7 U ~~4.2~~	~~B~~ KM		P
7439-92-1	Lead	8.6		N	F
7439-95-4	Magnesium	8270		E*	P
7439-96-5	Manganese	276		N*	P
7439-97-6	Mercury	0.22			CV
7440-02-0	Nickel	27.6		*	P
7440-09-7	Potassium	1040	B	E	P
7782-49-2	Selenium	0.40	U		F
7440-22-4	Silver	0.73	B	*	P
7440-23-5	Sodium	325	B	E	P
7440-28-0	Thallium	0.60	U		F
7440-62-2	Vanadium	24.6		*	P
7440-66-6	Zinc	86.2		*	P
	Cyanide	0.53	U		C
	SULFIDE	0.89	U		NA

Color Before: BROWN Clarity Before: Texture: COARSE

Color After: COLORLESS Clarity After: Artifacts: YES

Comments:
SAMPLE CONTAINED ROCKS.

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: EVB020990A

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

% Moisture: not dec. ____ Date Analyzed: 02/09/90

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	5	UA
67-64-1	Acetone	10	UA
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	10	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	5	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	Dibromomethane	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: EVB020990A

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

% Moisture: not dec. _____ Date Analyzed: 02/09/90

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: EVB020990A

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

% Moisture: not dec. ____ Date Analyzed: 02/09/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 4

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN HYDROCARBON	8.13	0.080	J
2.	UNKNOWN CHLORINATED ORGANIC	20.89	3.3	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: SVDLKSBL1

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

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/14/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/15/90

GPC Cleanup: (Y/N) N pH: 6.3 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: SVDLKSBL1

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

% Moisture: not dec. ____ dec. ____ Date Extracted: 02/14/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/15/90

GPC Cleanup: (Y/N) N pH: 6.3 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
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	120	JA
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: SVDLKSBL1

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

% Moisture: not dec. ____ dec. ____ Date Extracted: 02/14/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/15/90

GPC Cleanup: (Y/N) N pH: 6.3 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
101-55-3	4-Bromophenyl-phenylether	330	UA
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	360	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
119-93-7	3,3-Dimethylbenzidine	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: SVDLKSBL1

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

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/14/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/15/90

GPC Cleanup: (Y/N) N pH: 6.3 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: SVDLKSBL1

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

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/14/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/15/90

GPC Cleanup: (Y/N) N pH: 6.3 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

(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: SVDLKSBL1

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

% Moisture: not dec. ____ dec. ____ Date Extracted: 02/14/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/15/90

GPC Cleanup: (Y/N) N pH: 6.3 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	0	UA

(1) - Cannot be separated from Diphenylamine

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: SVDLKSBL1

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

% Moisture: not dec. ____ dec. ____ Date Extracted: 02/14/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/15/90

GPC Cleanup: (Y/N) N pH: 6.3 Dilution Factor: 1.00

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN KETONE	7.13	250	J
2.	UNKNOWN KETONE	7.85	120	J

GC/ECD ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE ID

PBLK L1

Lab Name: GULF SOUTH ENVIRONMENTAL LABORATORY Contract: GOLDER

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

Matrix: SOIL Lab Sample ID: DLKBLK

Level: LOW Lab File ID: G:A122050

Sample wt : 30 g pH: 6.3 Date Received: ~~2-7-90~~ mjl

Extraction: SONC Date Extracted: 2-14-90

Moisture: not dec: 0% dec: ____% Date Analyzed: 02-20-90

Cleanup (Y/N - Type): N - NONE 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
7421-93-4	Endrin aldehyde	16	U
53494-70-5	Endrin ketone	16	U
57-74-9	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

1

GC/ECD ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE ID

PBLK L1

Lab Name: GULF SOUTH ENVIRONMENTAL LABORATORY Contract: GOLDER

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

Matrix: SOIL Lab Sample ID: DLKBLK

Level: LOW Lab File ID: G:A122050

Sample wt : 30 g pH: 6.3 Date Received: ~~2-7-90~~ MJB

Extraction: SONC Date Extracted: 2-14-90

Moisture: not dec: 0% dec: ____% Date Analyzed: 02-20-90

Cleanup (Y/N - Type): N - NONE 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/NPD ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE ID

OBLK L1 Blank

Lab Name: GULF SOUTH ENVIRONMENTAL LABORATORY Contract: NA

Lab Code: GULF Case No.: NA SAS No.: NA SDG No.: NA

Matrix: SOIL Lab Sample ID: DLK L1

Level: LOW Lab File ID: L:A522112

Sample wt : 30 g pH: ____ Date Received: ~~2-7-90~~ N/A 2/23/90

Moisture: not dec: 0% dec: ____% Date Extracted: 2-14-90

Extraction: SONC Date Analyzed: 02-20-90

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

1

GC/ECD ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE ID

DLK HBLK L1 Blank

Lab Name: GULF SOUTH ENVIRONMENTAL LABORATORY Contract: GOLDER

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

Matrix: SOIL Lab Sample ID: DLKHL1

Level: LOW Lab File ID: H:A21209

Sample wt : 50 g pH: N/A Date Received: ~~02-07-90~~ N/A 2/23/90

Moisture: not dec: 0% dec: _____% Date Extracted: 02-~~14~~ 12-90 EAW

Extraction: SONC Date Analyzed: 02-22-90

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP55-06-1-TB

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: DLK10

Sample wt/vol: 10.0 (g/mL) ML Lab File ID: VODLK10

Level: (low/med) LOW Date Received: 02/07/90

% Moisture: not dec. _____ Date Analyzed: 02/09/90

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	4	JA
67-64-1	Acetone	49	A
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	10	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	5	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	Dibromomethane	10	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
75-05-8	Acetonitrile	25	UA
107-02-8	Acrolein	25	UA
107-13-1	Acrylonitrile	25	UA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP55-06-1-TB

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: DLK10

Sample wt/vol: 10.0 (g/mL) ML Lab File ID: VODLK10

Level: (low/med) LOW Date Received: 02/07/90

% Moisture: not dec. _____ Date Analyzed: 02/09/90

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
630-20-6	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.

CPP55-06-1-TB

Lab Name: S S E L I Contract: .

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

Matrix: (soil/water) WATER Lab Sample ID: DLK10

Sample wt/vol: 10.0 (g/mL) ML Lab File ID: VODLK10

Level: (low/med) LOW Date Received: 02/07/90

% Moisture: not dec. ____ Date Analyzed: 02/09/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 3

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.05	2.1	J
2.	UNKNOWN HYDROCARBON	8.17	0.17	BJ
3.	UNKNOWN CHLORINATED ORGANIC	20.92	2.9	BJ

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP55-06-V1-1-1

Lab Name: S S E L I Contract: .

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

Matrix: (soil/water) SOIL Lab Sample ID: DLK01

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VODLK01

Level: (low/med) LOW Date Received: 02/07/90

% Moisture: not dec. 7 Date Analyzed: 02/09/90

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Methyl Chloride	11	UA
74-83-9	Methyl Bromide	11	UA
75-01-4	Vinyl Chloride	11	UA
75-00-3	Chloroethane	11	UA
75-09-2	Methylene Chloride	5	UA
67-64-1	Acetone	11	UA
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	11	UA
107-06-2	1,2-Dichloroethane	5	UA
78-93-3	Methyl ethyl ketone	11	UA
71-55-6	1,1,1-Trichloroethane	5	UA
56-23-5	Carbon Tetrachloride	5	UA
108-05-4	Vinyl Acetate	11	UA
75-27-4	Dichlorobromomethane	5	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	Dibromomethane	11	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	15	A
591-78-6	2-Hexanone	11	UA
127-18-4	Tetrachloroethylene	5	UA
79-34-5	1,1,2,2-Tetrachloroethane	5	UA
108-88-3	Toluene	5	UA
108-90-7	Chlorobenzene	5	UA
100-41-4	Ethylbenzene	5	UA
100-42-5	Styrene	5	UA
1330-20-7	Xylene (total)	5	UA
75-05-8	Acetonitrile	27	UA
107-02-8	Acrolein	27	UA
107-13-1	Acrylonitrile	27	UA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP55-06-V1-1-1

Lab Name: G S E L I Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: DLK01

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VODLK01

Level: (low/med) LOW Date Received: 02/07/90

% Moisture: not dec. 7 Date Analyzed: 02/09/90

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

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

CAS NO.	COMPOUND		Q
107-05-1	Allyl Chloride	11	UA
598-31-2	Bromoacetone	11	UB
106-89-8	1-Chloro-2,3-epoxypropane	55	UB
124-48-1	Chlorodibromomethane	5	UA
110-75-8	2-Chloroethylvinyl ether	11	UA
107-30-2	Chloromethyl methyl ether	0	UC
126-99-8	Chloroprene	0	UC
4170-30-3	Crotonaldehyde	27	UB
96-12-8	1,2-Dibromo-3-chloropropane	11	UA
107-06-2	1,2-Dibromoethane	11	UA
764-41-0	trans-1,4-Dicholoro-2-butene	5	UA
75-71-8	Dichlorodifluoromethane	11	UA
156-60-5	1,2-Trans-dichloroethylene	5	UA
142-28-9	1,3-Dichloropropane	5	UB
78-88-6	2,3-Dichloropropene	5	UB
1464-53-5	1,2,3,4-Diepoxybutane	0	UC
616-40-0	N,N-Diethylhydrazine	0	UC
123-91-1	1,4-Dioxane	110	UA
107-12-0	Ethylcyanide	11	UA
76-13-1	Freon TF	5	UB
50-00-0	Formaldehyde	0	UC
74-88-4	Iodomethane	5	UA
78-83-1	Isobutyl alcohol	110	UA
126-98-7	Methacrylonitrile	27	UA
60-34-4	Methyl hydrazine	0	UC
123-63-7	Paraldehyde	0	UC
76-01-7	Pentachloroethane	5	UB
630-20-6	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	~~5~~ 11	UB
3175-23-2	1,2,2-Trichloropropane	~~5~~ 11	UB
96-18-4	1,2,3-Trichloropropane	~~5~~ 11	UA

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CPP55-06-V1-1-1

Lab Name: G E E L I Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: DLK01

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VODLK01

Level: (low/med) LOW Date Received: 02/07/90

% Moisture: not dec. 7 Date Analyzed: 02/09/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN HYDROCARBON	8.12	1.0	BJ
2.	UNKNOWN CLHORINATED ORGANIC	20.89	3.1	BJ

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP55-06-SV-1-1

Lab Name: G E E L I Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: DLK03

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SVDLK03

Level: (low/med) LOW Date Received: 02/07/90

% Moisture: not dec. 7 dec. ____ Date Extracted: 02/14/90

Extraction: (SepF/Cont/Sonc) ____ Date Analyzed: 02/15/90

GPC Cleanup: (Y/N) N pH: 9.1 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	360	UA
111-44-4	bis(2-Chloroethyl)Ether	360	UA
95-57-8	2-Chlorophenol	360	UA
541-73-1	1,3-Dichlorobenzene	360	UA
106-46-7	1,4-Dichlorobenzene	360	UA
100-51-6	Benzyl Alcohol	360	UA
95-50-1	1,2-Dichlorobenzene	360	UA
95-48-7	o-Cresol	360	UA
108-60-1	bis(2-Chloroisopropyl)Ether	360	UA
106-44-5	p-Cresol	360	UA
621-64-7	N-Nitroso-Di-n-Propylamine	360	UA
67-72-1	Hexachloroethane	360	UA
98-95-3	Nitrobenzene	360	UA
78-59-1	Isophorone	360	UA
88-75-5	2-Nitrophenol	360	UA
105-67-9	2,4-Dimethylphenol	360	UA
65-85-0	Benzoic Acid	1800	UA
111-91-1	bis(2-Chloroethoxy)Methane	360	UA
120-83-2	2,4-Dichlorophenol	360	UA
120-82-1	1,2,4-Trichlorobenzene	360	UA
91-20-3	Naphthalene	360	UA
106-47-8	p-Chloroaniline	360	UA
87-68-3	Hexachlorobutadiene	360	UA
59-50-7	p-Chloro-m-cresol	360	UA
91-57-6	2-Methylnaphthalene	360	UA
77-47-4	Hexachlorocyclopentadiene	360	UA
88-06-2	2,4,6-Trichlorophenol	360	UA
95-95-4	2,4,5-Trichlorophenol	360	UA
91-58-7	2-Chloronaphthalene	360	UA
88-74-4	2-Nitroaniline	360	UA
131-11-3	Dimethyl Phthalate	360	UA
208-96-8	Acenaphthylene	360	UA
606-20-2	2,6-Dinitrotoluene	360	UA

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CRP55-06-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: DLK03

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SVDLK03

Level: (low/med) LOW Date Received: 02/07/90

% Moisture: not dec. 7 dec. ____ Date Extracted: 02/14/90

Extraction: (SepF/Cont/Sonc) ____ Date Analyzed: 02/15/90

GPC Cleanup: (Y/N) N pH: 9.1 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1800	UA
83-32-9	Acenaphthene	360	UA
51-28-5	2,4-Dinitrophenol	1800	UA
100-02-7	4-Nitrophenol	1800	UA
132-64-9	Dibenzofuran	360	UA
121-14-2	2,4-Dinitrotoluene	360	UA
84-66-2	Diethylphthalate	360	UA
7005-72-3	4-Chlorophenyl-phenylether	360	UA
86-73-7	Fluorene	360	UA
100-01-6	4-Nitroaniline	1800	UA
534-52-1	4,6-Dinitro-2-Methylphenol	1800	UA
86-30-6	N-Nitrosodiphenylamine (1)	360	UA
101-55-3	4-Bromophenyl-phenylether	360	UA
118-74-1	Hexachlorobenzene	360	UA
87-86-5	Pentachlorophenol	1800	UA
85-01-8	Phenanthrene	360	UA
120-12-7	Anthracene	360	UA
84-74-2	Di-n-Butylphthalate	360	UA
206-44-0	Fluoranthene	360	UA
129-00-0	Pyrene	360	UA
85-68-7	Butylbenzylphthalate	360	UA
91-94-1	3,3'-Dichlorobenzidine	720	UA
56-55-3	Benzo(a)Anthracene	360	UA
218-01-9	Chrysene	360	UA
117-81-7	bis(2-Ethylhexyl)Phthalate	1800	BA
117-84-0	Di-n-Octyl Phthalate	360	UA
205-99-2	Benzo(b)Fluoranthene	360	UA
207-08-9	Benzo(k)Fluoranthene	360	UA
50-32-8	Benzo(a)Pyrene	360	UA
193-39-5	Indeno(1,2,3-cd)Pyrene	360	UA
53-70-3	Dibenz(a,h)Anthracene	360	UA
191-24-2	Benzo(g,h,i)Perylene	360	UA
98-86-2	Acetophenone	360	UA
53-96-3	2-Acetylaminofluorene	360	UA

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP55-06-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: DLK03

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SVDLK03

Level: (low/med) LOW Date Received: 02/07/90

% Moisture: not dec. 7 dec. ____ Date Extracted: 02/14/90

Extraction: (SepF/Cont/Sonc) ____ Date Analyzed: 02/15/90

GPC Cleanup: (Y/N) N pH: 9.1 Dilution Factor: 1.0

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	360	UA
1072-67-9	5-(Aminomethyl)-3-isoxazolol	0	UC
62-53-3	Aniline	360	UA
140-57-8	Aramite	360	UA
492-80-8	Auramine	0	UC
225-51-4	Benzo(c)acridine	360	UB
100-44-7	Benzyl Chloride	360	UB
108-98-5	Benezenthiol	0	UC
205-82-3	Benzo(j)fluoranthene	360	UB
98-07-7	Benzotrichloride	360	UB
106-51-4	p-Benzoquinone	360	UB
357-57-3	Brucine	0	UC
13-38-23-4	2-Butanone Peroxide	360	UA
88-85-7	2-sec-Butyl-4,6-dinitrophenol	1800	UA
494-03-1	Chloronaphazine	0	UC
90-13-1	1-Chloronaphathalene	360	UB
542-76-7	3-Chlorpropionitrile	0	UC
108-39-4	m-Cresol	360	UA
131-89-5	2-Cyclohexyl-4,6-dinitropheno	1800	UB
226-36-8	Dibenzo(a,h)acridine	360	UB
224-42-0	Dibenzo(a,j)acridine	360	UB
192-65-4	Dibenzo(a,e)pyrene	360	UB
159-55-9	Dibenzo(a,i)pyrene	360	UB
194-59-2	7H-Dibenzo(c,g)carbazole	360	UB
119-93-7	3,3-Dimethylbenzidine	720	UA
98-87-3	Dichloromethylbenzene	360	UB
87-65-0	2,6-Dichlorophenol	360	UB
696-28-6	Dichlorophenylarsine	0	UC
94-58-6	Dihydrosafrole	360	UB
55-91-4	Diisopropylfluorophosphate	0	UC
60-11-7	p-Dimethylaminoazobenzene	360	UA

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP55-06-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: DLK03

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SVDLK03

Level: (low/med) LOW Date Received: 02/07/90

% Moisture: not dec. 7 dec. ____ Date Extracted: 02/14/90

Extraction: (SepF/Cont/Sonc) ____ Date Analyzed: 02/15/90

GPC Cleanup: (Y/N) N pH: 9.1 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
57-77-6	7,12Dimethylbenzo(a)anthracen	360	UB
57-14-7	1,1-Dimethylhydrazine	0	UC
540-73-8	1,2-Dimethylhydrazine	0	UC
122-09-8	a-a-Dimethylphenethylamine	720	UB
77-78-1	Dimethyl Sulfate	0	UC
99-65-0	m-Dinitrobenzene	360	UB
122-39-4	Diphenylamine	360	UA
122-66-7	1,2-Diphenylhydrazine	360	UA
541-53-7	2,4-Dithiobiuret	0	UC
145-73-7	Endothal	0	UC
97-63-2	Ethyl Methacrylate	360	UA
62-50-0	Ethyl Methanesulfonate	360	UA
64-18-6	Formic Acid	0	UD
70-30-4	Hexachlorophene	0	UD
1888-71-7	Hexachloropropene	360	UA
757-58-4	Hexaethyltetraphosphate	0	UC
302-01-2	Hydrazine	0	UD
120-58-1	Isosafrole	360	UA
108-31-6	Maleic Anhydride	0	UC
148-82-3	Melphalan	0	UC
91-80-5	Methyapyrilene	360	UA
56-49-5	3-Methylcholanthrene	360	UA
80-62-6	Methyl Methacrylate	360	UA
101-14-4	4,4-Methylenbis(2-chloroanil)	0	UC
75-86-5	2-Methyllactonitrile	0	UC
66-27-3	Methyl Methansulfonate	360	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.

CPP55-06-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: DLK03

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SVDLK03

Level: (low/med) LOW Date Received: 02/07/90

% Moisture: not dec. 7 dec. ____ Date Extracted: 02/14/90

Extraction: (SepF/Cont/Sonc) ____ Date Analyzed: 02/15/90

GPC Cleanup: (Y/N) N pH: 9.1 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
130-15-4	1,4-Napthoquinioline	360	UA
134-32-7	1-Napthylamine	720	UA
91-59-8	2-Napthylamine	720	UA
924-16-3	N-Nitrosodi-n-butylamine	360	UA
1116-54-7	N-Nitrosodiethanolamine	0	UC
55-18-5	N-Nitrosodiethylamine	360	UA
62-75-9	N-Nitrosodimethylamine	720	UA
10595-95-6	N-Nitrosomethylethylamine	360	UA
615-53-2	N-Nitroso-n-methylurethane	0	UC
4549-40-0	N-Nitrosomethylvinylamine	360	UB
59-89-2	N-Nitrosomorpholine	360	UA
16543-55-9	N-Nitrosonornicotine	0	UC
56-57-5	N-Nitroquinoline-n-oxide	360	UA
100-75-4	N-Nitrosopiperidine	360	UA
930-55-2	N-Nitrosopyrrolidine	360	UA
86-30-6	N-Nitrosodiphenylamine	360	UA
13256-22-9	N-Nitrososarcosine	0	UC
99-55-8	5-Nitro-o-toluidine	360	UA
152-16-7	Octamethylpyrophosphoramide	0	UC
311-45-5	Paraoxon	0	UC
608-93-5	Pentachlorobenzene	360	UA
76-01-7	Pentachloroethane	360	UA
82-68-8	Pentachloronitrobenzene	360	UA
62-44-2	Phenacetin	360	UA
106-50-3	p-Phenylenediamine	1800	UA
85-44-9	Phthalic Anhydride	0	UC
23950-58-5	Pronamide	360	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	720	UA
108-46-3	Resorcinol	720	UB

(1) - Cannot be separated from Diphenylamine

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP55-06-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: DLK03

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SVDLK03

Level: (low/med) LOW Date Received: 02/07/90

% Moisture: not dec. 7 dec. ____ Date Extracted: 02/14/90

Extraction: (SepF/Cont/Sonc) ____ Date Analyzed: 02/15/90

GPC Cleanup: (Y/N) N pH: 9.1 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
81-07-2	Saccharin	0	UC
94-59-7	Safrole	360	UA
634-66-2	1,2,3,4-Tetrachlorobenzene	360	UB
634-90-2	1,2,3,5-Tetrachlorobenzene	360	UB
95-94-3	1,2,4,5-Tetrachlorobenzene	360	UA
58-90-2	2,3,4,6-Tetrachlorophenol	360	UB
95-53-4	o-Toluidine	360	UA
137-26-8	Thioram	0	UC
99-35-4	sym-Trinitrobenzene	360	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	360	UA
4901-51-3	2,3,4,5-Tetrachlorophenol	360	UA
3196-12-2	Thiofanox	0	UC
87-61-6	1,2,3-Trichlorobenzene	360	UB
108-70-3	1,3,5-Trichlorobenzene	360	UB
66-75-1	Uracil Mustard	0	UC
109-06-8	2-Picoline	360	UA

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CPP55-06-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: DLK03

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SVDLK03

Level: (low/med) LOW Date Received: 02/07/90

% Moisture: not dec. 7 dec. ____ Date Extracted: 02/14/90

Extraction: (SepF/Cont/Sonc) ____ Date Analyzed: 02/15/90

GPC Cleanup: (Y/N) N pH: 9.1 Dilution Factor: 1.0

Number TICs found: 6

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN KETONE	7.12	260	BJ
2.	UNKNOWN KETONE	7.45	160	J
3.	UNKNOWN KETONE	7.83	140	BJ
4.	UNKNOWN KETONE	8.75	110	J
5.	UNKNOWN KETONE	9.94	120	J
6. 314-40-9	BROMACIL	21.25	100	J

1

GC/ECD ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE ID

CPP55-06-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: DLK-03

Level: LOW Lab File ID: G:A122051

Sample wt : 30 g pH: 9.1 Date Received: 2-7-90

Extraction: SONC Date Extracted: 2-14-90

Moisture: not dec: 7% dec: ____% Date Analyzed: 02-20-90

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

CAS No.	COMPOUND	CONCENTRATION ug/Kg	Q
319-84-6	alpha-BHC	8.6	U
319-85-7	beta-BHC	8.6	U
319-86-8	delta-BHC	8.6	U
58-89-9	gamma-BHC (Lindane)	8.6	U
76-44-8	Heptachlor	8.6	U
309-00-2	Aldrin	8.6	U
1024-57-3	Heptachlor epoxide	8.6	U
959-98-8	Endosulfan I	8.6	U
60-57-1	Dieldrin	17	U
72-55-9	4,4'-DDE	17	U
72-20-8	Endrin	17	U
33213-65-9	Endosulfan II	17	U
72-54-8	4,4'-DDD	17	U
1031-07-8	Endosulfan sulfate	17	U
50-29-3	4,4'-DDT	17	U
72-43-5	Methoxychlor	86	U
7421-93-4	Endrin aldehyde	17	U
53494-70-5	Endrin ketone	17	U
57-74-9	Chlordane	86	U
8001-35-2	Toxaphene	170	U
12674-11-2	Aroclor 1016	86	U
11104-28-2	Aroclor 1221	86	U
11141-16-5	Aroclor 1232	86	U
53469-21-9	Aroclor 1242	86	U
12672-29-6	Aroclor 1248	86	U
11097-69-6	Aroclor 1254	170	U
11096-82-5	Aroclor 1260	170	U

1

GC/ECD ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE ID

CPP55-06-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: DLK-03

Level: LOW Lab File ID: G:A122051

Sample wt : 30 g pH: 9.1 Date Received: 2-7-90

Extraction: SONC Date Extracted: 2-14-90

Moisture: not dec: 7% dec: ____% Date Analyzed: 02-20-90

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

CAS No.	COMPOUND	CONCENTRATION ug/Kg	Q
510-15-6	Chlorobenzilate	86	U
2303-16-4	Diallate	86	U
465-73-6	Isodrin	17	U
143-50-0	Kepone	860	U

1

GC/NPD ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE ID

CPP55-06SV1-1

Lab Name: GULF SOUTH ENVIRONMENTAL LABORATORY Contract: NA

Lab Code: GULF Case No.: NA SAS No.: NA SDG No.: NA

Matrix: SOIL Lab Sample ID: DLK 03

Level: LOW Lab File ID: L:A522113

Sample wt : 30 g pH: ____ Date Received: 2-7-90

Moisture: not dec: 7% dec: ____% Date Extracted: 2-14-90

Extraction: SONC Date Analyzed: 02-20-90

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

CAS No.	COMPOUND	CONCENTRATION ug/Kg	Q
126-68-1	O,O,O-Triethylphosphorothi	72	U
297-97-2	Thionazin	72	U
298-02-2	Phorate	72	U
3689-24-5	Tetraethyldithropyrophosph	72	U
298-04-4	Disulfoton	72	U
60-51-5	Dimethoate	72	U
298-00-0	Methyl parathion	72	U
56-38-2	Parathion	72	U
52-85-7	Famphur	72	U

1

GC/ECD ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE ID

CPP55-06 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: DLK-03

Level: LOW Lab File ID: H:A212010

Sample wt : 50 g pH: ____ Date Received: 02-07-90

Moisture: not dec: 7% dec: ____% Date Extracted: 02-~~14~~ 12-90 EAW

Extraction: SONC Date Analyzed: 02-22-90

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	43	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP55-06-V1-3-2

Lab Name: G E E L I Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: DLK04

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VODLK04

Level: (low/med) LOW Date Received: 02/07/90

% Moisture: not dec. 6 Date Analyzed: 02/09/90

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Methyl Chloride	11	UA
74-83-9	Methyl Bromide	11	UA
75-01-4	Vinyl Chloride	11	UA
75-00-3	Chloroethane	11	UA
75-09-2	Methylene Chloride	12	A
67-64-1	Acetone	11	UA
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	11	UA
107-06-2	1,2-Dichloroethane	5	UA
78-93-3	Methyl ethyl ketone	11	UA
71-55-6	1,1,1-Trichloroethane	5	UA
56-23-5	Carbon Tetrachloride	5	UA
108-05-4	Vinyl Acetate	11	UA
75-27-4	Dichlorobromomethane	5	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	Dibromomethane	11	UA
79-00-5	1,1,2-Trichloroethane	5	UA
71-43-2	Benzene	5	UA
10061-02-6	Trans-1,3-Dichloropropylene	5	UA
75-25-2	Bromoform	5	UA
108-10-1	4-Methyl-2-Pentanone	11	UA
591-78-6	2-Hexanone	11	UA
127-18-4	Tetrachloroethylene	5	UA
79-34-5	1,1,2,2-Tetrachloroethane	5	UA
108-88-3	Toluene	5	UA
108-90-7	Chlorobenzene	5	UA
100-41-4	Ethylbenzene	5	UA
100-42-5	Styrene	5	UA
1330-20-7	Xylene (total)	5	UA
75-05-8	Acetonitrile	27	UA
107-02-8	Acrolein	27	UA
107-13-1	Acrylonitrile	27	UA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP55-06-V1-3-2

Lab Name: G S E L I Contract: .

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

Matrix: (soil/water) SOIL Lab Sample ID: DLK04

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VODLK04

Level: (low/med) LOW Date Received: 02/07/90

% Moisture: not dec. 6 Date Analyzed: 02/09/90

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107-05-1	Allyl Chloride	11	UA
598-31-2	Bromoacetone	11	UB
106-89-8	1-Chloro-2,3-epoxypropane	55	UB
124-48-1	Chlorodibromomethane	5	UA
110-75-8	2-Chloroethylvinyl ether	11	UA
107-30-2	Chloromethyl methyl ether	0	UC
126-99-8	Chloroprene	0	UC
4170-30-3	Crotonaldehyde	27	UB
96-12-8	1,2-Dibromo-3-chloropropane	11	UA
107-06-2	1,2-Dibromoethane	11	UA
764-41-0	trans-1,4-Dicholoro-2-butene	5	UA
75-71-8	Dichlorodifluoromethane	11	UA
156-60-5	1,2-Trans-dichloroethylene	5	UA
142-28-9	1,3-Dichloropropane	5	UB
78-88-6	2,3-Dichloropropene	5	UB
1464-53-5	1,2,3,4-Diepoxybutane	0	UC
616-40-0	N,N-Diethylhydrazine	0	UC
123-91-1	1,4-Dioxane	110	UA
107-12-0	Ethylcyanide	11	UA
76-13-1	Freon TF	5	UB
50-00-0	Formaldehyde	0	UC
74-88-4	Iodomethane	5	UA
78-83-1	Isobutyl alcohol	110	UA
126-98-7	Methacrylonitrile	27	UA
60-34-4	Methyl hydrazine	0	UC
123-63-7	Paraldehyde	0	UC
76-01-7	Pentachloroethane	5	UB
630-20-6	1,1,1,2-Tetrachloroethane	5	UA
509-14-8	Tetranitromethane	0	UC
75-70-7	Trichloromethanethiol	0	UC
75-69-4	Trichlorofluoromethane	5	UA
598-77-6	1,1,2-Trichloropropane	11	UB
3175-23-3	1,2,2-Trichloropropane	11	UB
96-18-4	1,2,3-Trichloropropane	11	UA

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

OPP55-06-V1-3-2

Lab Name: S S E L I Contract: .

Lab Code: DLLF Case No.: SOLDER SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: DLK04

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VODLK04

Level: (low/med) LOW Date Received: 02/07/90

% Moisture: not dec. 6 Date Analyzed: 02/09/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN HYDROCARBON	8.17	2.0	BJ
2.	UNKNOWN CHLORINATED ORGANIC	20.92	3.0	BJ

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP55-06-SV-3-2

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: DLK06

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SVDLK06

Level: (low/med) LOW Date Received: 02/07/90

% Moisture: not dec. 6 dec. ____ Date Extracted: 02/14/90

Extraction: (SepF/Cont/Sonc) ____ Date Analyzed: 02/15/90

GPC Cleanup: (Y/N) N pH: 9.2 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	350	UA
111-44-4	bis(2-Chloroethyl)Ether	350	UA
95-57-8	2-Chlorophenol	350	UA
541-73-1	1,3-Dichlorobenzene	350	UA
106-46-7	1,4-Dichlorobenzene	350	UA
100-51-6	Benzyl Alcohol	350	UA
95-50-1	1,2-Dichlorobenzene	350	UA
95-48-7	o-Cresol	350	UA
108-60-1	bis(2-Chloroisopropyl)Ether	350	UA
106-44-5	p-Cresol	350	UA
621-64-7	N-Nitroso-Di-n-Propylamine	350	UA
67-72-1	Hexachloroethane	350	UA
98-95-3	Nitrobenzene	350	UA
78-59-1	Isophorone	350	UA
88-75-5	2-Nitrophenol	350	UA
105-67-9	2,4-Dimethylphenol	350	UA
65-85-0	Benzoic Acid	1700	UA
111-91-1	bis(2-Chloroethoxy)Methane	350	UA
120-83-2	2,4-Dichlorophenol	350	UA
120-82-1	1,2,4-Trichlorobenzene	350	UA
91-20-3	Naphthalene	350	UA
106-47-8	p-Chloroaniline	350	UA
87-68-3	Hexachlorobutadiene	350	UA
59-50-7	p-Chloro-m-cresol	350	UA
91-57-6	2-Methylnaphthalene	350	UA
77-47-4	Hexachlorocyclopentadiene	350	UA
88-06-2	2,4,6-Trichlorophenol	350	UA
95-95-4	2,4,5-Trichlorophenol	350	UA
91-58-7	2-Chloronaphthalene	350	UA
88-74-4	2-Nitroaniline	360	UA
131-11-3	Dimethyl Phthalate	350	UA
208-96-8	Acenaphthylene	350	UA
606-20-2	2,6-Dinitrotoluene	350	UA

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP55-06-SV-3-2

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: DLK06

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SVDLK06

Level: (low/med) LOW Date Received: 02/07/90

% Moisture: not dec. 6 dec. ____ Date Extracted: 02/14/90

Extraction: (SepF/Cont/Sonc) ____ Date Analyzed: 02/15/90

GPC Cleanup: (Y/N) N pH: 9.2 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	1700	UA
83-32-9	Acenaphthene	350	UA
51-28-5	2,4-Dinitrophenol	1700	UA
100-02-7	4-Nitrophenol	1700	UA
132-64-9	Dibenzofuran	350	UA
121-14-2	2,4-Dinitrotoluene	350	UA
84-66-2	Diethylphthalate	350	UA
7005-72-3	4-Chlorophenyl-phenylether	350	UA
86-73-7	Fluorene	350	UA
100-01-6	4-Nitroaniline	1700	UA
534-52-1	4,6-Dinitro-2-Methylphenol	1700	UA
86-30-6	N-Nitrosodiphenylamine (1)	350	UA
118-74-1	Hexachlorobenzene	350	UA
87-86-5	Pentachlorophenol	1700	UA
85-01-8	Phenanthrene	350	UA
120-12-7	Anthracene	350	UA
84-74-2	Di-n-Butylphthalate	350	UA
206-44-0	Fluoranthene	350	UA
129-00-0	Pyrene	350	UA
85-68-7	Butylbenzylphthalate	350	UA
91-94-1	3,3'-Dichlorobenzidine	700	UA
56-55-3	Benzo(a)Anthracene	350	UA
218-01-9	Chrysene	350	UA
117-81-7	bis(2-Ethylhexyl)Phthalate	4000	BA
117-84-0	Di-n-Octyl Phthalate	350	UA
205-99-2	Benzo(b)Fluoranthene	350	UA
207-08-9	Benzo(k)Fluoranthene	350	UA
50-32-8	Benzo(a)Pyrene	350	UA
193-39-5	Indeno(1,2,3-cd)Pyrene	350	UA
53-70-3	Dibenz(a,h)Anthracene	350	UA
191-24-2	Benzo(g,h,i)Perylene	350	UA
98-86-2	Acetophenone	350	UA
53-96-3	2-Acetylaminofluorene	350	UA

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP55-06-SV-3-2

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: DLK06

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SVDLK06

Level: (low/med) LOW Date Received: 02/07/90

% Moisture: not dec. 6 dec. ____ Date Extracted: 02/14/90

Extraction: (SepF/Cont/Sonc) ____ Date Analyzed: 02/15/90

GPC Cleanup: (Y/N) N pH: 9.2 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	350	UA
1072-67-9	5-(Aminomethyl)-3-isoxazolol	0	UC
62-53-3	Aniline	350	UA
140-57-8	Aramite	350	UA
492-80-8	Auramine	0	UC
225-51-4	Benzo(c)acridine	350	UB
100-44-7	Benzyl Chloride	350	UB
108-98-5	Benezenthiol	0	UC
205-82-3	Benzo(j)fluoranthene	350	UB
98-07-7	Benzotrichloride	350	UB
106-51-4	p-Benzoquinone	350	UB
101-55-3	4-Bromophenyl-phenylether	350	UA
357-57-3	Brucine	0	UC
13-38-23-4	2-Butanone Peroxide	350	UA
88-85-7	2-sec-Butyl-4,6-dinitrophenol	1700	UA
494-03-1	Chloronaphazine	0	UC
90-13-1	1-Chloronaphathalene	350	UB
542-76-7	3-Chlorpropionitrile	0	UC
108-39-4	m-Cresol	350	UA
131-89-5	2-Cyclohexyl-4,6-dinitropheno	1700	UB
226-36-8	Dibenzo(a,h)acridine	350	UB
224-42-0	Dibenzo(a,j)acridine	350	UB
192-65-4	Dibenzo(a,e)pyrene	350	UB
159-55-9	Dibenzo(a,i)pyrene	350	UB
194-59-2	7H-Dibenzo(c,g)carbazole	350	UB
91-94-1	3,3-Dimethylbenzidine	700	UA
98-87-3	Dichloromethylbenzene	350	UB
87-65-0	2,6-Dichlorophenol	350	UB
696-28-6	Dichlorophenylarsine	0	UC
94-58-6	Dihydrosafrole	350	UB
55-91-4	Diisopropylfluorophosphate	0	UC
60-11-7	p-Dimethylaminoazobenzene	350	UA

(1) - Cannot be separated from Diphenylamine

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CPP55-06-SV-3-2

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: DLK06

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SVDLK06

Level: (low/med) LOW Date Received: 02/07/90

% Moisture: not dec. 6 dec. ____ Date Extracted: 02/14/90

Extraction: (SepF/Cont/Sonc) ____ Date Analyzed: 02/15/90

GPC Cleanup: (Y/N) N pH: 9.2 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
57-97-6	7,12Dimethylbenzo(a)anthracen	350	UB
57-14-7	1,1-Dimethylhydrazine	0	UC
540-73-8	1,2-Dimethylhydrazine	0	UC
122-09-8	a-a-Dimethylphenethylamine	700	UB
77-78-1	Dimethyl Sulfate	0	UC
99-65-0	m-Dinitrobenzene	350	UB
122-39-4	Diphenylamine	350	UA
122-66-7	1,2-Diphenylhydrazine	350	UA
541-53-7	2,4-Dithiobiuret	0	UC
145-73-7	Endothal	0	UC
97-63-2	Ethyl Methacrylate	350	UA
62-50-0	Ethyl Methanesulfonate	350	UA
64-18-6	Formic Acid	0	UD
70-30-4	Hexachlorophene	0	UD
1888-71-7	Hexachloropropene	350	UA
757-58-4	Hexaethyltetraphosphate	0	UC
302-01-2	Hydrazine	0	UD
120-58-1	Isosafrole	350	UA
108-31-6	Maleic Anhydride	0	UC
148-82-3	Melphalan	0	UC
91-80-5	Methyapyrilene	350	UA
56-49-5	3-Methylcholanthrene	350	UA
80-62-6	Methyl Methacrylate	350	UA
101-14-4	4,4-Methylenbis(2-chloroanil)	0	UC
75-86-5	2-Methyllactonitrile	0	UC
66-27-3	Methyl Methansulfonate	350	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.

CPP55-06-SV-3-2

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: DLK06

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SVDLK06

Level: (low/med) LOW Date Received: 02/07/90

% Moisture: not dec. 6 dec. ____ Date Extracted: 02/14/90

Extraction: (SepF/Cont/Sonc) ____ Date Analyzed: 02/15/90

GPC Cleanup: (Y/N) N pH: 9.2 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
130-15-4	1,4-Napthoquinioline	350	UA
134-32-7	1-Napthylamine	700	UA
91-59-8	2-Napthylamine	700	UA
924-16-3	N-Nitrosodi-n-butylamine	350	UA
1116-54-7	N-Nitrosodiethanolamine	0	UC
55-18-5	N-Nitrosodiethylamine	350	UA
62-75-9	N-Nitrosodimethylamine	700	UA
10595-95-6	N-Nitrosomethylethylamine	350	UA
615-53-2	N-Nitroso-n-methylurethane	0	UC
4549-40-0	N-Nitrosomethylvinylamine	350	UB
59-89-2	N-Nitrosomorpholine	350	UA
16543-55-9	N-Nitrosonornicotine	0	UC
56-57-5	N-Nitroquinoline-n-oxide	350	UA
100-75-4	N-Nitrosospiperidine	350	UA
930-55-2	N-Nitrosopyrrolidine	350	UA
86-30-6	N-Nitrosodiphenylamine	350	UA
13256-22-9	N-Nitrososarcosine	0	UC
99-55-8	5-Nitro-o-toluidine	350	UA
152-16-7	Octamethylpyrophosphoramide	0	UC
311-45-5	Paraoxon	0	UC
608-93-5	Pentachlorobenzene	350	UA
76-01-7	Pentachloroethane	350	UA
82-68-8	Pentachloronitrobenzene	350	UA
62-44-2	Phenacetin	350	UA
106-50-3	p-Phenylenediamine	1700	UA
85-44-9	Phthalic Anhydride	0	UC
23950-58-5	Pronamide	350	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	700	UA
108-46-3	Resorcinol	700	UB

(1) - Cannot be separated from Diphenylamine

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
CPP55-06-SV-3-2

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: DLK06

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SVDLK06

Level: (low/med) LOW Date Received: 02/07/90

% Moisture: not dec. 6 dec. ____ Date Extracted: 02/14/90

Extraction: (SepF/Cont/Sonc) ____ Date Analyzed: 02/15/90

GPC Cleanup: (Y/N) N pH: 9.2 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	350	UA
634-66-2	1,2,3,4-Tetrachlorobenzene	350	UB
634-90-2	1,2,3,5-Tetrachlorobenzene	350	UB
95-94-3	1,2,4,5-Tetrachlorobenzene	350	UA
58-90-2	2,3,4,6-Tetrachlorophenol	350	UB
95-53-4	o-Toluidine	350	UA
137-26-8	Thioram	0	UC
99-35-4	sym-Trinitrobenzene	350	UA
52-24-4	tris(1-Aziridinyl)phosphine su	0	UC
126-72-7	tris(2,3-Dibromopropyl)phosph	0	UC
935-95-5	2,3,5,6-Tetrachlorophenol	350	UA
4901-51-3	2,3,4,5-Tetrachlorophenol	350	UA
3196-13-2	Thiofanox	0	UC
87-61-6	1,2,3-Trichlorobenzene	350	UB
108-70-3	1,3,5-Trichlorobenzene	350	UB
66-75-1	Uracil Mustard	0	UC
109-06-8	2-Picoline	350	UA

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CPP55-06-SV-3-2

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: DLK06

Sample wt/vol: 30.0 (g/mL) G Lab File ID: SVDLK06

Level: (low/med) LOW Date Received: 02/07/90

% Moisture: not dec. 6 dec. _____ Date Extracted: 02/14/90

Extraction: (SepF/Cont/Sonc) _____ Date Analyzed: 02/15/90

GPC Cleanup: (Y/N) N pH: 9.2 Dilution Factor: 1.00

Number TICs found: 5

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN KETONE	7.10	280	BJ
2.	UNKNOWN KETONE	7.43	170	J
3.	UNKNOWN KETONE	7.82	230	BJ
4.	UNKNOWN KETONE	8.74	200	J
5.	UNKNOWN KETONE	9.94	200	J

GC/ECD ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE ID

CPP55-06-SV-3-2

Lab Name: GULF SOUTH ENVIRONMENTAL LABORATORY Contract: GOLDER

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

Matrix: SOIL Lab Sample ID: DLK-06

Level: LOW Lab File ID: G:A122054

Sample wt : 30 g pH: 9.2 Date Received: 2-7-90

Extraction: SONC Date Extracted: 2-14-90

Moisture: not dec: 6% dec: ____% Date Analyzed: 02-20-90

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

CAS No.	COMPOUND	CONCENTRATION ug/Kg	Q
319-84-6	alpha-BHC	8.5	U
319-85-7	beta-BHC	8.5	U
319-86-8	delta-BHC	8.5	U
58-89-9	gamma-BHC (Lindane)	8.5	U
76-44-8	Heptachlor	8.5	U
309-00-2	Aldrin	8.5	U
1024-57-3	Heptachlor epoxide	8.5	U
959-98-8	Endosulfan I	8.5	U
60-57-1	Dieldrin	17	U
72-55-9	4,4'-DDE	17	U
72-20-8	Endrin	17	U
33213-65-9	Endosulfan II	17	U
72-54-8	4,4'-DDD	17	U
1031-07-8	Endosulfan sulfate	17	U
50-29-3	4,4'-DDT	17	U
72-43-5	Methoxychlor	85	U
7421-93-4	Endrin aldehyde	17	U
53494-70-5	Endrin ketone	17	U
57-74-9	Chlordane	85	U
8001-35-2	Toxaphene	170	U
12674-11-2	Aroclor 1016	85	U
11104-28-2	Aroclor 1221	85	U
11141-16-5	Aroclor 1232	85	U
53469-21-9	Aroclor 1242	85	U
12672-29-6	Aroclor 1248	85	U
11097-69-6	Aroclor 1254	170	U
11096-82-5	Aroclor 1260	170	U

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GC/ECD ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE ID

CPP55-06-SV-3-2

Lab Name: GULF SOUTH ENVIRONMENTAL LABORATORY Contract: GOLDER

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

Matrix: SOIL Lab Sample ID: DLK-06

Level: LOW Lab File ID: G:A122054

Sample wt : 30 g pH: 9.2 Date Received: 2-7-90

Extraction: SONC Date Extracted: 2-14-90

Moisture: not dec: 6% dec: ____% Date Analyzed: 02-20-90

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

CAS No.	COMPOUND	CONCENTRATION ug/Kg	Q
510-15-6	Chlorobenzilate	85	U
2303-16-4	Diallate	85	U
465-73-6	Isodrin	17	U
143-50-0	Kepone	850	U