NORTHROP GRUMMAN
Integrated Systems

Northrop Grumman Corporation
Airborne Early Warning and
Electronic Warfare Systems
South Oyster Bay Road
Bethpage, NY 11714-3581

ETC-02L-167
August 28, 2002

John S. Kushwara, Chief
Ground Water Compliance Section
U.S. Environmental Protection Agency
Division of Enforcement & Compliance Assistance
Water Compliance Branch
290 Broadway, 20th Floor
New York, NY 10007-1866

Re: Interim Report No. 4
Plant 1
UIC Closure Program

Dear Mr. Kushwara:

The purpose of this correspondence is to present all of the remaining endpoint sampling results obtained in support of the above referenced program, and to request your approval of the activities conducted at each of these locations. Attachment 1 to this correspondence presents a table summarizing the findings of the endpoint sampling conducted since Interim Report Number 3 was submitted to your office. As requested, the laboratory data packages are also presented as Attachment 2.

If you have any questions or comments, please do not hesitate to contact me at (516) 575-2385.

Very truly yours,

Larry A. Leskovjan
Manager
Environmental, Safety, Health & Medical Services

Attachments

cc: B. Mackay, NCDH
Henry Wilkie, NYSDEC
Larry Rosenmann, NYSDEC
William Gilday, NYSDOH

NORTHROP GRUMMAN CORPORATION

PLANT 1 UIC PROGRAM

INTERIM REPORT NO. 4
ENDPOINT SAMPLING RESULTS AND RECOMMENDATIONS

Area of Concern	Feature Type	Location	Endpoint Sampling Results	Recommendation
DF-101	Pit	Material Stock Room	No exceedances of TAGM 4046 cleanup objectives.	Since there were no exceedances of TAGM 4046 in the end point sample collected from this location, this pit was closed (backfilled in 12-inch lifts to within 6 inches of the top of the pit with clean fill material and resurfaced with concrete to match existing surrounding grade).
D-05	Dry well	Northeast Roadway	No exceedances of TAGM 4046 cleanup objectives were detected in the final confirmatory sample.	An initial endpoint sample collected at this dry well was found to contain several CaPAHs and RCRA metals at concentrations in excess of the TAGM 4046 cleanup objectives. As a result, this dry well was removed and additional remediation was performed in this area (to 24' bgs). Subsequent to these activities, a second endpoint sample was collected which was not found to contain any constituents in excess of the referenced criteria. As a result, a new dry well was installed at this location for stormwater drainage It is requested that the USEPA/NCDH authorize "by rule" the continued use of this new dry well for stormwater drainage.
E06B07	Leaching Pool	Leaching Pool Area	No exceedances of TAGM 4046 cleanup objectives were detected in the final confirmatory sample.	Initial sampling at this location, undertaken in support of the UIC Phase II program, did not reveal any exceedances of TAGM 4046 cleanup objectives However, several SVOCs exceeded TAGM 4046 cleanup objectives in a second round of sampling conducted at this location As a result, as recommended in Interim Report No. 1, another endpoint sample was collected at this AOC to confirm whether or not this leaching pool had been impacted Analytical results of this sampling effort, generally confirmed that several SVOCs existed at concentrations above the TAGM 4046 cleanup objectives. As a result, 4' of soil was removed from this leaching pool and another endpoint sample was collected. Results of the sample analysis did not indicate any constituents in excess of the referenced criteria. As a result, this dry well was backfilled in 12-inch lifts with 4' of certified fill material and returned to service for stormwater drainage. It is recommended that the USEPA/NCDH authorize "by rule" the continued use of this dry well for stormwater drainage.
D-18	Dry well	Outside of Former Paint Stripping Bay	No exceedances of TAGM 4046 cleanup objectives were detected in the final confirmatory sample.	Several SVOCs as well as arsenic and lead exceeded TAGM 4046 cleanup objectives in an endpoint sample collected in this location As a result, approximately 4' of soil was removed from the bottom of this dry well and it was resampled in coordination with NCDH. Results of the sample analysis did not indicate any constituents in excess of the referenced criteria As a result, this dry well was closed (backfilled in 12-inch lifts with clean fill material and resurfaced with concrete to match existing surrounding grade). Two new dry wells were installed in the vicinity of D-18 to accept stormwater drainage which formerly discharged to D-18. It is recommended that the USEPA/NCDH authorize "by rule" the continued use of these two new dry wells for stormwater drainage.

NORTHROP GRUMMAN CORPORATION

PLANT 1 UIC PROGRAM

INTERIM REPORT NO. 4

ENDPOINT SAMPLING RESULTS AND RECOMMENDATIONS (continued)

Area of Concern	Feature Type	Location	Endpoint Sampling Results	Recommendation
E15B01	Dry well	Immediately adjacent to loading dock in northeastern corner of Plant 1	No exceedances of TAGM 4046 cleanup objectives detected in the final confirmatory sample from the floor of the excavation	Two previous rounds of endpoint sampling at this AOC indicated SVOCs at concentrations above NYSDEC TAGM 4046 cleanup objectives. Prior to each round, 2 feet of soil was remove from the pit. As recommended in Interim Report Number 3, another 2 feet (a total of 6 feet) of soil was removed from this AOC and it was resampled. Results of this third round of sampling did not indicate any constituents in excess of the referenced criteria As a result, this pit was closed (backfilled in 12-inch lifts to within 6 inches of grade with clean fill material and resurfaced with concrete to match existing surrounding grade)
I27B01/DF-17	Pit	SMS Bench Packaging Area	Benzo(a)pryrene detected at an estimated concentration of 82 ppb (TAGM 4046 Cleanup Value is 61 ppb).	The New York State Department of Environmental Conservation (NYSDEC) has determined that the cleanup objectives of the Department's TAGM 4046 are considered satisfied under the situation where a soil sample is found to contain a concentration of a constituent/compound above the numerical cleanup objective, but the detected concentration is below the CRDL for that particular constituent/compound Since the value for benzo(a)pyrene has been qualified with a "J", this constituent was detected at an estimated concentration, below the CRDL, and is therefore not considered to be an exceedance of the TAGM 4046 cleanup objective by the Department As a result, this utility pit was replaced in kind (backfilled in 12-inch lifts to within 6 inches of the bottom of the pit and resurfaced with concrete to match the existing level of the bottom of the pit)
DF-184/E16B01	Former Leaching Gallery	Outside Kitchen	Benzo(a)pryrene found at an estimated concentration of 83 ppb (TAGM 4046 Cleanup Objective is 61 ppb).	The New York State Department of Environmental Conservation (NYSDEC) has determined that the cleanup objectives of the Department's TAGM 4046 are considered satisfied under the situation where a soil sample is found to contain a concentration of a constituent/compound above the numerical cleanup objective, but the detected concentration is below the CRDL for that particular constituent/compound Since the value for benzo(a)pyrene has been qualified with a "J", this constituent was detected at an estimated concentration, below the CRDL, and is therefore not considered to be an exceedance of the TAGM 4046 cleanup objective by the Department. As a result, this stormwater leaching gallery was placed back in service (backfilled in 12-inch lifts with 2' of clean fill material) to continue to accept stormwater drainage. It is recommended that the USEPA/NCDH authorize "by rule" the continued use of this leaching gallery for stormwater drainage

DF-101

Pit within Material Stock Room

ACCREDITED LABORATORIES, INC.
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	5577	MATRIX	Soil
SAMPLE NUMBER	0202571	DILUTION FACTOR	1.0
DATA FILE	>06875	DATE EXTRACTED	
CLIENT NAME	ITS	DATE ANALYZED	03/03/02
FIELD ID	DF101	ANALYZED BY	WILLIAM

CAS #	COMPOUND	UG/KG		MDL
107028	Acrolein	U		26
107131	Acrylonitrile	U		26
75718	Dichlorodifluoromethane	U		5
74873	Chloromethane	U		5
75014	Vinyl Chloride	U		5
74839	Bromomethane	U		5
75003	Chloroethane	U		5
75694	Trichlorofluoromethane	U		5
75354	1,1-Dichloroethene	U		5
75092	Methylene Chloride	7	B	5
156605	trans-1,2-Dichloroethene	U		5
75343	1,1-Dichloroethane	U		5
590207	2,2-Dichloropropane	U		5
156592	cis-1,2-dichloroethene	5	J	5
67663	Chloroform	U		5
74975	Bromochloromethane	U		5
71556	1,1,1-Trichloroethane	U		5
563586	1,1-Dichloropropene	U		5
56235	Carbon Tetrachloride	U		5
107062	1,2-Dichloroethane	U		5
71432	Benzene	U		5
79016	Trichloroethene	15		5
78875	1,2-Dichloropropane	U		5
75274	Bromodichloromethane	U		5
74953	Dibromomethane	U		5
10061015	cis-1,3-dichloropropene	U		5
108883	Toluene	U		5
10061026	trans-1,3-Dichloropropene	U		5
79005	1,1,2-Trichloroethane	U		5
142289	1,3-dichloropropane	U		5
127184	Tetrachloroethene	U		5
124481	Dibromochloromethane	U		5
106934	1,2-Dibromoethane	U		5
100414	Ethylbenzene	U		5

CAS #	COMPOUND	UG/KG		MDL
108907	Chlorobenzene	U		5
630206	1,1,1,2-Tetrachloroethane	U		5
1330207	m,p-Xylene	U		10
100425	Styrene	U		5
98828	Isopropylbenzene	U		5
75252	Bromoform	U		5
79345	1,1,2,2-Tetrachloroethene	U		5
96184	1,2,3-Trichloropropane	U		5
103651	n-Propyl benzene	U		5
108861	Bromobenzene	U		5
108678	1,3,5-Trimethylbenzene	U		5
95498	2-Chlorotoluene	U		5
106434	4-Chlorotoluene	U		5
98066	tert-Butylbenzene	U		5
95636	1,2,4-Trimethylbenzene	U		5
135988	sec-Butylbenzene	U		5
99876	p-Isopropyltoluene	U		5
541731	1,3-Dichlorobenzene	U		5
106467	1,4-Dichlorobenzene	U		5
104518	n-Butylbenzene	U		5
95501	1,2-Dichlorobenzene	U		5
96128	1,2-Dibromo-3-Chloropropane	U		5
120821	1,2,4-Trichlorobenzene	U		5
87683	Hexachlorobutadiene	U		5
91203	Napothalene	U		5
87616	1,2,3-Trichlorobenzene	U		5
95476	o-Xylene	U		5
75150	Carbon disulfide	U		5
110758	2-Chloroethylvinylether	U		5
67641	Acetone	U		5
108054	Vinyl acetate	U		5
789333	2-Butanone	U		5
108101	4-Methyl-2-pentanone	U		5
591786	2-Hexanone	U		5

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	97 %	70-121	OK
Toluene-d8	91 %	81-117	OK
Bromofluorobenzene	90 %	74-121	OK

Percent solid of 98.7 is used for all target compounds.

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Indicates result exceeds highest calibration standard

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

DF101

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: 5377 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0202391

Sample wt/vol: 30 (g/ml) G Lab File ID: E0186.D

Level: (low/med) LOW Date Received:

% Moisture: 3.3 decanted:(Y/N) N Date Extracted: 2/28/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/1/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
000062-75-9	N-Nitrosodimethylamine	340	U
108-95-2	Phenol	340	U
111-44-4	bis(2-Chloroethyl)ether	340	U
95-57-8	2-Chlorophenol	340	U
541-73-1	1,3-Dichlorobenzene	340	U
106-46-7	1,4-Dichlorobenzene	340	U
100-51-6	Benzyl alcohol	340	U
95-50-1	1,2-Dichlorobenzene	340	U
95-48-7	2-Methylphenol	340	U
108-60-1	bis(2-chloroisopropyl)ether	340	U
106-44-5	3&4-Methylphenol	340	U
621-64-7	N-Nitroso-di-n-propylamine	340	U
67-72-1	Hexachloroethane	340	U
98-95-3	Nitrobenzene	340	U
78-59-1	Isophorone	340	U
88-75-5	2-Nitrophenol	340	U
105-67-9	2,4-Dimethylphenol	340	U
000065-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)methane	340	U
120-83-2	2,4-Dichlorophenol	340	U
120-82-1	1,2,4-Trichlorobenzene	340	U
91-20-3	Naphthalene	59	J
106-47-8	4-Chloroaniline	340	U
87-68-3	Hexachlorobutadiene	340	U
59-50-7	4-Chloro-3-methylphenol	340	U
91-57-6	2-Methylnaphthalene	46	J
77-47-4	Hexachlorocyclopentadiene	340	U
88-06-2	2,4,6-Trichlorophenol	340	U
95-95-4	2,4,5-Trichlorophenol	340	U
91-58-7	2-Chloronaphthalene	340	U
88-74-4	2-Nitroaniline	340	U
131-11-3	Dimethylphthalate	340	U
208-96-8	Acenaphthylene	340	U
99-09-2	3-Nitroaniline	340	U
83-32-9	Acenaphthene	150	J
51-28-5	2,4-Dinitrophenol	340	U
100-02-7	4-Nitrophenol	340	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DF101

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: 5377 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0202391

Sample wt/vol: 30 (g/ml) G Lab File ID: E0186.D

Level: (low/med) LOW Date Received:

% Moisture: 3.3 decanted:(Y/N) N Date Extracted: 2/28/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/1/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
132-64-9	Dibenzofuran	79	J
606-20-2	2,6-Dinitrotoluene	340	U
121-14-2	2,4-Dinitrotoluene	340	U
84-66-2	Diethylphthalate	340	U
7005-72-3	4-Chlorophenyl-phenylether	340	U
86-73-7	Fluorene	140	J
100-01-6	4-Nitroaniline	340	U
534-52-1	4,6-Dinitro-2-methylphenol	340	U
86-30-6	n-Nitrosodiphenylamine	340	U
101-55-3	4-Bromophenyl-phenylether	340	U
118-74-1	Hexachlorobenzene	340	U
87-86-5	Pentachlorophenol	340	U
85-01-8	Phenanthrene	690	
120-12-7	Anthracene	170	J
84-74-2	Di-n-butylphthalate	340	U
206-44-0	Fluoranthene	570	
129-00-0	Pyrene	440	
85-68-7	Butylbenzylphthalate	100	J
91-94-1	3,3'-Dichlorobenzidine	340	U
56-55-3	Benzo[a]anthracene	200	J
117-81-7	bis(2-Ethylhexyl)phthalate	110	J
218-01-9	Chrysene	220	J
117-84-0	Di-n-octylphthalate	340	U
205-99-2	Benzo[b]fluoranthene	230	J
207-08-9	Benzo[K]fluoranthene	270	J
50-32-8	Benzo[a]pyrene	210	J
193-39-5	Indeno[1,2,3-cd]pyrene	340	U
53-70-3	Dibenz[a,h]anthracene	340	U
191-24-2	Benzo[g,h,i]perylene	68	J

ACCREDITED LABORATORIES, INC.
INORGANIC ANALYSIS DATA SHEET

Case #: 5377
Sample #: 0202391
Field ID: DF101
Client Name: ITS

Matrix: Soil
Date Received: 02/25/02

CAS No.	Element	Result MG/KG	MDL MG/KG	Dilution Factor	Method	Date Analyzed
7440-38-2	Arsenic	ND	1.33	4	F	02/27/02
7440-39-3	Barium	6.63	1.99	1	P	02/28/02
7440-43-9	Cadmium	ND	.663	1	P	02/28/02
7440-47-3	Chromium	ND	1.99	1	P	02/28/02
7439-92-1	Lead	ND	16.6	1	P	02/28/02
7439-97-6	Mercury	ND	.517	1	CV	02/26/02
7782-49-2	Selenium	ND	1.67	5	F	02/26/02
7440-22-4	Silver	ND	.663	1	P	02/28/02

Percent Solid of 96.7 is used for all target elements

ND - Element analyzed for but not detected.
P - Analyzed by ICP
F - Analyzed by GFA
CV - Analyzed by Cold Vapor
A - Analyzed by flame AA

Accredited Laboratories, Inc.
TPHC by GC-FID Method 310.13

Client: ITS
Case #: 5377
Analyst: CG

Matrix: Soil
Date Received: 02/25/02
Date Extracted: 03/01/02
Date Analyzed: 03/01,02/02
Date Analyzed: 03/04/02

Field #	Sample #	mg/Kg Gasoline	mg/Kg Kerosene	mg/Kg Fuel #2	mg/Kg Mineral Spirits	mg/Kg Fuel #6	mg/Kg MDL
	DBLK85	ND	ND	ND	ND	ND	4.0
E07B08	0202388	ND	ND	ND	ND	ND	4.2
DF-88	0202389	ND	ND	ND	ND	ND	7.9
E08B13	0202390	ND	ND	ND	ND	ND	4.5
DF101	0202391	ND	ND	ND	ND	ND	4.1
E15B01	0202392	ND	ND	ND	ND	ND	71
D-08	0202393	ND	ND	ND	ND	ND	4.1
G-01	0202394	ND	ND	ND	ND	ND	4.3
G-02	0202395	ND	ND	ND	ND	ND	4.4
G-03	0202396	ND	ND	ND	ND	ND	4.4
G-04	0202397	ND	ND	60.2	17.7	ND	4.2
G-05	0202398	ND	ND	ND	ND	ND	4.0
G-06	0202399	ND	ND	ND	ND	ND	4.1
G-07	0202400	ND	ND	ND	ND	ND	4.3
G-08	0202401	ND	ND	41.8	ND	ND	4.3
G-09	0202402	ND	ND	ND	ND	ND	4.3
G-10	0202403	ND	ND	45.5	19.6	ND	4.2
G-11	0202404	ND	ND	ND	ND	ND	4.3
G-12	0202405	ND	ND	ND	ND	ND	4.3
G-13	0202406	ND	ND	ND	ND	ND	4.3
G-14	0202407	ND	ND	ND	ND	ND	4.3
G-15	0202408	ND	ND	ND	ND	ND	4.2
G-16	0202409	ND	ND	ND	ND	ND	4.3
G-17	0202410	ND	ND	ND	ND	ND	4.2
G-18	0202411	ND	ND	ND	ND	ND	4.1
G-19	0202412	ND	ND	ND	ND	ND	4.3
G-20	0202413	ND	ND	ND	ND	ND	4.3
G-21	0202414	ND	ND	ND	ND	ND	4.3

ND = Not detected
Detection was based on the peak pattern compared to Gasoline, Kerosene, Diesel Fuel#2, Mineral Spirits and Fuel#6.

D-05

Dry Well in Northeast Roadway

ACCREDITED LABORATORIES, INC.
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	6051	MATRIX	Soil
SAMPLE NUMBER	0204959	DILUTION FACTOR	1.0
DATA FILE	>A7034	DATE EXTRACTED	
CLIENT NAME	ITS	DATE ANALYZED	05/06/02
FIELD ID	D0522C0501	ANALYZED BY	DANIEL

CAS #	COMPOUND	UG/KG	MDL	CAS #	COMPOUND	UG/KG	MDL
107028	Acrolein	U	25	108907	Chlorobenzene	U	5
107131	Acrylonitrile	U	25	630206	1,1,1,2-Tetrachloroethane	U	5
75718	Dichlorodifluoromethane	U	5	10330207	m,p-Xylene	U	10
74873	Chloromethane	U	5	100425	Styrene	U	5
75014	Vinyl Chloride	U	5	98828	Isopropylbenzene	U	5
74839	Bromomethane	U	5	75252	Bromoform	U	5
75003	Chloroethane	U	5	79345	1,1,2,2-Tetrachloroethane	U	5
75694	Trichlorofluoromethane	U	5	96184	1,2,3-Trichloropropane	U	5
75354	1,1-Dichloroethene	U	5	103651	n-Propyl benzene	U	5
75092	Methylene Chloride	2 JB	5	108861	Bromobenzene	U	5
156605	trans-1,2-Dichloroethene	U	5	108678	1,3,5-Trimethylbenzene	U	5
75343	1,1-Dichloroethane	U	5	95498	2-Chlorotoluene	U	5
590207	2,2-Dichloropropane	U	5	106434	4-Chlorotoluene	U	5
156592	cis-1,2-dichloroethene	U	5	98066	tert-Butylbenzene	U	5
67663	Chloroform	U	5	95636	1,2,4-Trimethylbenzene	U	5
74975	Bromochloromethane	U	5	135988	sec-Butylbenzene	U	5
71556	1,1,1-Trichloroethane	U	5	99876	p-Isopropyltoluene	U	5
563586	1,1-Dichloropropene	U	5	541731	1,3-Dichlorobenzene	U	5
56235	Carbon Tetrachloride	U	5	106467	1,4-Dichlorobenzene	U	5
107062	1,2-Dichloroethane	U	5	104518	n-Butylbenzene	U	5
71432	Benzene	U	5	95501	1,2-Dichlorobenzene	U	5
79016	Trichloroethene	U	5	96128	1,2-Dibromo-3-Chloropropane	U	5
78875	1,2-Dichloropropane	U	5	120821	1,2,4-Trichlorobenzene	U	5
75274	Bromodichloromethane	U	5	87683	Hexachlorobutadiene	U	5
74953	Dibromomethane	U	5	91203	Naphthalene	U	5
10061015	cis-1,3-dichloropropene	U	5	87616	1,2,3-Trichlorobenzene	U	5
108883	Toluene	U	5	95476	o-Xylene	U	5
10061026	trans-1,3-Dichloropropene	U	5	75150	Carbon disulfide	U	5
79005	1,1,2-Trichloroethane	U	5	110758	2-Chloroethylvinylether	U	5
142289	1,3-Dichloropropane	U	5	67641	Acetone	U	5
127184	Tetrachloroethene	U	5	108054	Vinyl acetate	U	5
124481	Dibromochloromethane	U	5	789333	2-Butanone	U	5
106934	1,2-Dibromoethane	U	5	108101	4-Methyl-2-pentanone	U	5
100414	Ethylbenzene	2 J	5	591786	2-Hexanone	U	5

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	101 %	70-121	OK
Toluene-d8	102 %	81-117	OK
Bromofluorobenzene	104 %	74-121	OK

Percent solid of 98.1 is used for all target compounds.

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected,
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Indicates result exceeds highest calibration standard

ACCREDITED LABORATORIES, INC.
BNA ORGANIC ANALYSIS DATA

CASE NUMBER	6051	MATRIX	Soil
SAMPLE NUMBER	0204959	DILUTION FACTOR	1.0
DATA FILE	>F0309	DATE EXTRACTED	05/03/02
CLIENT NAME	ITS	DATE ANALYZED	05/06/02
FIELD ID	D0522C0501	ANALYZED BY	ROBERT

CAS #	COMPOUND	UG/KG	MDL	CAS #	COMPOUND	UG/KG	MDL
83329	Acenaphthene	U	340	534521	4,6-Dinitro-2-methylphenol	U	340
208968	Acenaphthylene	U	340	51285	2,4-Dinitrophenol	U	340
120127	Anthracene	U	340	121142	2,4-Dinitrotoluene	U	340
56553	Benzo(a)Anthracene	U	340	606202	2,6-Dinitrotoluene	U	340
50328	Benzo(a)Pyrene	U	340	117840	Di-n-octyl phthalate	U	340
205992	Benzo(b)fluoranthene	U	340	206440	Fluoranthene	U	340
191242	Benzo(g,h,i)Perylene	U	340	86737	Fluorene	U	340
207089	Benzo(k)Fluoranthene	U	340	118741	Hexachlorobenzene	U	340
65850	Benzoic Acid	U	1700	87683	Hexachlorobutadiene	U	340
100516	Benzyl Alcohol	U	340	77474	Hexachlorocyclopentadiene	U	340
111444	bis(-2-Chloroethyl)Ether	U	340	67721	Hexachloroethane	U	340
108601	bis(2-Chloroisopropyl)ether	U	340	193395	Indeno(1,2,3-cd)Pyrene	U	340
117817	Bis(2-Ethylhexyl)Phthalate	35 JB	340	78591	Isophorone	U	340
111911	bis(-2-Chloroethoxy)Methane	U	340	91576	2-Methylnaphthalene	U	340
101553	4-Bromophenyl-phenylether	U	340	95487	2-Methylphenol	U	340
85687	Butylbenzylphthalate	U	340	106394	3&4-Methylphenol	U	340
106478	4-Chloroaniline	U	340	91203	Naphthalene	U	340
91587	2-Chloronaphthalene	U	340	88744	2-Nitroaniline	U	340
59567	4-Chloro-3-methylphenol	U	340	99092	3-Nitroaniline	U	340
95578	2-Chlorophenol	U	340	100016	4-Nitroaniline	U	340
7005723	4-Chlorophenyl-phenylether	U	340	98953	Nitrobenzene	U	340
218019	Chrysene	U	340	88755	2-Nitrophenol	U	340
53703	Dibenzo(a,h)Anthracene	U	340	100027	4-Nitrophenol	U	340
132649	Dibenzofuran	U	340	62759	N-Nitrosodimethylamine	U	340
95501	1,2-Dichlorobenzene	U	340	86306	N-Nitrosodiphenylamine	U	340
541731	1,3-Dichlorobenzene	U	340	621647	N-Nitroso-Di-n-propylamine	U	340
106467	1,4-Dichlorobenzene	U	340	87865	Pentachlorophenol	U	340
91941	3,3'-Dichlorobenzidine	U	340	85018	Phenanthrene	U	340
120832	2,4-Dichlorophenol	U	340	108952	Phenol	U	340
84662	Diethylphthalate	U	340	129000	Pyrene	U	340
105679	2,4-Dimethylphenol	U	340	120821	1,2,4-Trichlorobenzene	U	340
131113	Dimethyl Phthalate	U	340	95954	2,4,5-Trichlorophenol	U	340
84742	Di-n-Butylphthalate	U	340	88062	2,4,6-Trichlorophenol	U	340

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
Nitrobenzene-d5	63 %	23-120	OK
2-Fluorobiphenyl	51 %	30-115	OK
Terphenyl-d14	96 %	18-137	OK
Phenol-d5	55 %	24-113	OK
2-Fluorophenol	49 %	25-121	OK
2,4,6-Tribromophenol	74 %	19-122	OK

Percent solid of 98.1 is used for all target compounds.

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Concentration exceeds highest calibration standard.

** 3-Methylphenol and 4-Methylphenol can not be separated by the method applied

ACCREDITED LABORATORIES, INC.
INORGANIC ANALYSIS DATA SHEET

Case #: 6051
Sample #: 0204959
Field ID: D052200501
Client Name: ITS

Matrix: Soil
Date Received: 05/02/02

CAS No.	Element	Result MG/KG	MDL MG/KG	Dilution Factor	Method	Date Analyzed
7440-38-2	Arsenic	ND	3.25	1	P	05/06/02
7440-39-3	Barium	7.01	.974	1	P	05/06/02
7440-43-9	Cadmium	ND	.325	1	P	05/06/02
7440-47-3	Chromium	4.75	.649	1	P	05/06/02
7439-92-1	Lead	ND	16.3	1	A	05/07/02
7439-97-6	Mercury	ND	.510	1	CV	05/06/02
7782-49-2	Selenium	ND	3.25	1	P	05/06/02
7440-22-4	Silver	ND	.325	1	P	05/06/02

Percent Solid of 98.1 is used for all target elements

ND - Element analyzed for but not detected.
P - Analyzed by ICP
F - Analyzed by GFA
CV - Analyzed by Cold Vapor
A - Analyzed by flame AA

Accredited Laboratories, Inc.
TPHC by GC-FID Method 310.13

Client: ITS
Case #: 6051
Analyst: CG

Matrix: Soil
Date Received: 05/02/02
Date Extracted: 05/03/02
Date Analyzed: 05/06/02

Field #	Sample #	mg/Kg Gasoline	mg/Kg Kerosene	mg/Kg Fuel #2	mg/Kg Mineral Spirits	mg/Kg Fuel #6	mg/Kg MDL
	DBLK99	ND	ND	ND	ND	ND	4.0
D0522C0501	0204959	ND	ND	ND	ND	ND	4.1

ND = Not detected
Detection was based on the peak pattern compared to Gasoline, Kerosene, Diesel Fuel#2, Mineral Spirits and Fuel#6.

E06B07

Leaching Pool in Front of Plant 1 Building

ACCREDITED LABORATORIES, INC.
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	6619	MATRIX	Soil
SAMPLE NUMBER	0206824	DILUTION FACTOR	1.0
DATA FILE	>A7758	DATE EXTRACTED	
CLIENT NAME	ITS	DATE ANALYZED	06/24/02
FIELD ID	EQ6B07EP-2	ANALYZED BY	DANIEL

CAS #	COMPOUND	UG/KG	MDL	CAS #	COMPOUND	UG/KG	MDL
107028	Acrolein	U	27	108907	Chlorobenzene	2 J	5
107131	Acrylonitrile	U	27	630206	1,1,1,2-Tetrachloroethane	U	5
75718	Dichlorodifluoromethane	U	5	10330207	m,p-Xylene	U	11
74873	Chloromethane	U	5	100425	Styrene	U	5
75014	Vinyl Chloride	U	5	98828	Isopropylbenzene	U	5
74839	Bromomethane	U	5	75252	Bromoform	U	5
75003	Chloroethane	U	5	79345	1,1,2,2-Tetrachloroethane	U	5
75694	Trichlorofluoromethane	U	5	96184	1,2,3-Trichloropropane	U	5
75354	1,1-Dichloroethene	2 J	5	103651	n-Propyl benzene	U	5
75092	Methylene Chloride	9 B	5	108861	Bromobenzene	U	5
156605	trans-1,2-Dichloroethene	U	5	108678	1,3,5-Trimethylbenzene	U	5
75343	1,1-Dichloroethane	U	5	95498	2-Chlorotoluene	U	5
590207	2,2-Dichloropropane	U	5	106434	4-Chlorotoluene	U	5
156592	cis-1,2-dichloroethene	U	5	98066	tert-Butylbenzene	U	5
67663	Chloroform	2 J	5	95636	1,2,4-Trimethylbenzene	U	5
74975	Bromochloromethane	U	5	135988	sec-Butylbenzene	U	5
71556	1,1,1-Trichloroethane	U	5	99876	p-Isopropyltoluene	U	5
563586	1,1-Dichloropropene	U	5	541731	1,3-Dichlorobenzene	U	5
56235	Carbon Tetrachloride	U	5	106467	1,4-Dichlorobenzene	2 J	5
107062	1,2-Dichloroethane	U	5	104518	n-Butylbenzene	U	5
71432	Benzene	2 J	5	95501	1,2-Dichlorobenzene	U	5
79016	Trichloroethene	2 J	5	96128	1,2-Dibromo-3-Chloropropane	U	5
78875	1,2-Dichloropropane	U	5	120821	1,2,4-Trichlorobenzene	U	5
75274	Bromodichloromethane	U	5	87683	Hexachlorobutadiene	U	5
74953	Dibromomethane	U	5	91203	Naphthalene	U	5
10061015	cis-1,3-dichloropropene	U	5	87616	1,2,3-Trichlorobenzene	U	5
108883	Toluene	U	5	95476	o-Xylene	U	5
10061026	trans-1,3-Dichloropropene	U	5	75150	Carbon disulfide	U	5
79005	1,1,2-Trichloroethane	U	5	110758	2-Chloroethylvinylether	U	5
142289	1,3-Dichloropropane	U	5	67641	Acetone	U	5
127184	Tetrachloroethene	2 J	5	108054	Vinyl acetate	U	5
124481	Dibromochloromethane	U	5	789333	2-Butanone	U	5
106934	1,2-Dibromoethane	U	5	108101	4-Methyl-2-pentanone	U	5
100414	Ethylbenzene	U	5	591786	2-Hexanone	U	5

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	118 %	70-121	OK
Toluene-d8	99 %	81-117	OK
Bromofluorobenzene	100 %	74-121	OK

Percent solid of 93.9 is used for all target compounds.

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Indicates result exceeds highest calibration standard

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

E06B07EP-2

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: 6618 6619 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0206624

Sample wt/vol: 30.03 (g/ml) G Lab File ID: E0909.D

Level: (low/med) LOW Date Received:

% Moisture: 6.1 decanted:(Y/N) N Date Extracted: 6/21/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
000062-75-9	N-Nitrosodimethylamine	350	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	350	U
95-57-8	2-Chlorophenol	350	U
541-73-1	1,3-Dichlorobenzene	350	U
106-46-7	1,4-Dichlorobenzene	350	U
100-51-6	Benzyl alcohol	350	U
95-50-1	1,2-Dichlorobenzene	350	U
95-48-7	2-Methylphenol	350	U
108-60-1	bis(2-chloroisopropyl)ether	350	U
106-44-5	3&4-Methylphenol	350	U
621-64-7	N-Nitroso-di-n-propylamine	350	U
67-72-1	Hexachloroethane	350	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	350	U
88-75-5	2-Nitrophenol	350	U
105-67-9	2,4-Dimethylphenol	350	U
000065-85-0	Benzoic Acid	1800	U
111-91-1	bis(2-Chloroethoxy)methane	350	U
120-83-2	2,4-Dichlorophenol	350	U
120-82-1	1,2,4-Trichlorobenzene	350	U
91-20-3	Naphthalene	350	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	350	U
59-50-7	4-Chloro-3-methylphenol	350	U
91-57-6	2-Methylnaphthalene	350	U
77-47-4	Hexachlorocyclopentadiene	350	U
88-06-2	2,4,6-Trichlorophenol	350	U
95-95-4	2,4,5-Trichlorophenol	350	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	350	U
131-11-3	Dimethylphthalate	350	U
208-96-8	Acenaphthylene	350	U
99-09-2	3-Nitroaniline	350	U
83-32-9	Acenaphthene	350	U
51-28-5	2,4-Dinitrophenol	350	U
100-02-7	4-Nitrophenol	350	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

E06B07EP-2

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: ~~6618~~6619 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0206824

Sample wt/vol: 30.03 (g/ml) G Lab File ID: E0909.D

Level: (low/med) LOW Date Received:

% Moisture: 6.1 decanted:(Y/N) N Date Extracted: 6/21/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
132-64-9	Dibenzofuran	350	U
606-20-2	2,6-Dinitrotoluene	350	U
121-14-2	2,4-Dinitrotoluene	350	U
84-66-2	Diethylphthalate	350	U
7005-72-3	4-Chlorophenyl-phenylether	350	U
86-73-7	Fluorene	350	U
100-01-6	4-Nitroaniline	350	U
534-52-1	4,6-Dinitro-2-methylphenol	350	U
86-30-6	n-Nitrosodiphenylamine	350	U
101-55-3	4-Bromophenyl-phenylether	350	U
118-74-1	Hexachlorobenzene	350	U
87-86-5	Pentachlorophenol	350	U
85-01-8	Phenanthrene	350	U
120-12-7	Anthracene	350	U
84-74-2	Di-n-butylphthalate	350	U
206-44-0	Fluoranthene	350	U
129-00-0	Pyrene	350	U
85-68-7	Butylbenzylphthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	350	U
56-55-3	Benzo[a]anthracene	350	U
117-81-7	bis(2-Ethylhexyl)phthalate	350	U
218-01-9	Chrysene	350	U
117-84-0	Di-n-octylphthalate	350	U
205-99-2	Benzo[b]fluoranthene	350	U
207-08-9	Benzo[k]fluoranthene	350	U
50-32-8	Benzo[a]pyrene	350	U
193-39-5	Indeno[1,2,3-cd]pyrene	350	U
53-70-3	Dibenz[a,h]anthracene	350	U
191-24-2	Benzo[g,h,i]perylene	350	U

ACCREDITED LABORATORIES, INC.
INORGANIC ANALYSIS DATA SHEET

Case #: 6619
Sample #: 0206824
Field ID: MW607EP-2
Client Name: ITS

Matrix: Soil
Date Received: 06/20/02

CAS No.	Element	Result MG/KG	MDL MG/KG	Dilution Factor	Method	Date Analyzed
7440-38-2	Arsenic	ND	1.71	1	P	06/21/02
7440-39-3	Barium	4.38	1.02	1	P	06/21/02
7440-43-9	Cadmium	ND	.341	1	P	06/21/02
7440-47-3	Chromium	6.81	.683	1	P	06/21/02
7439-92-1	Lead	ND	6.83	1	P	06/21/02
7439-97-6	Mercury	ND	.213	1	CV	06/21/02
7782-49-2	Selenium	ND	1.71	1	P	06/21/02
7440-22-4	Silver	ND	.341	1	P	06/21/02

Percent Solid of 93.9 is used for all target elements

ND - Element analyzed for but not detected.
P - Analyzed by ICP
F - Analyzed by GFA
CV - Analyzed by Cold Vapor
A - Analyzed by flame AA

Accredited Laboratories, Inc.
TPHC by GC-FID Method 310.13

Client: ITS
Case #: 6619
Analyst: CG

Matrix: Soil
Date Received: 06/20/02
Date Extracted: 06/25/02
Date Analyzed: 06/25/02

Field #	Sample #	mg/Kg Gasoline	mg/Kg Kerosene	mg/Kg Fuel #2	mg/Kg Mineral Spirits	mg/Kg Fuel #6	mg/Kg MDL
	DBLK09	ND	ND	ND	ND	ND	4.0
D18EP-2	0206823	ND	ND	ND	ND	ND	4.2
E06B07EP-2	0206824	ND	ND	ND	ND	ND	4.3
E15EP-3	0206825	ND	ND	ND	ND	ND	4.1

ND = Not detected
Detection was based on the peak pattern compared to Gasoline, Kerosene, Diesel Fuel#2, Mineral Spirits and Fuel#6.

D-18

Dry Well Located Outside Former Paint Stripping Bay

ACCREDITED LABORATORIES, INC.
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	6619.	MATRIX	Soil
SAMPLE NUMBER	0206823	DILUTION FACTOR	1.0
DATA FILE	>A7757	DATE EXTRACTED	
CLIENT NAME	ITS	DATE ANALYZED	06/24/02
FIELD ID	D10EP-2	ANALYZED BY	DANIEL

CAS #	COMPOUND	UG/KG	MDL
107028	Acrolein	U	26
107131	Acrylonitrile	U	26
75718	Dichlorodifluoromethane	U	5
74873	Chloromethane	U	5
75014	Vinyl Chloride	U	5
74839	Bromomethane	U	5
75003	Chloroethane	U	5
75694	Trichlorofluoromethane	U	5
75354	1,1-Dichloroethene	5 J	5
75092	Methylene Chloride	6 B	5
156605	trans-1,2-Dichloroethene	U	5
75343	1,1-Dichloroethane	U	5
590207	2,2-Dichloropropane	U	5
156592	cis-1,2-dichloroethene	U	5
67663	Chloroform	2 J	5
74975	Bromochloromethane	U	5
71556	1,1,1-Trichloroethane	U	5
563586	1,1-Dichloropropene	U	5
56235	Carbon Tetrachloride	U	5
107062	1,2-Dichloroethane	U	5
71432	Benzene	2 J	5
79016	Trichloroethene	5 J	5
78875	1,2-Dichloropropane	U	5
75274	Bromodichloromethane	U	5
74953	Dibromomethane	U	5
10061015	cis-1,3-dichloropropene	U	5
108883	Toluene	U	5
10061026	trans-1,3-Dichloropropene	U	5
79005	1,1,2-Trichloroethane	U	5
142289	1,3-Dichloropropane	U	5
127184	Tetrachloroethene	2 J	5
124481	Dibromochloromethane	U	5
106934	1,2-Dibromoethane	U	5
100414	Ethylbenzene	U	5

CAS #	COMPOUND	UG/KG	MDL
108907	Chlorobenzene	2 J	5
630206	1,1,1,2-Tetrachloroethane	U	5
10330207	m,p-Xylene	U	11
100425	Styrene	U	5
98828	Isopropylbenzene	U	5
75252	Bromoform	U	5
79345	1,1,2,2-Tetrachloroethane	U	5
96184	1,2,3-Trichloropropane	U	5
103651	n-Propyl benzene	U	5
108861	Bromobenzene	U	5
108678	1,3,5-Trimethylbenzene	U	5
95498	2-Chlorotoluene	U	5
106434	4-Chlorotoluene	U	5
98066	tert-Butylbenzene	U	5
95636	1,2,4-Trimethylbenzene	U	5
135988	sec-Butylbenzene	U	5
99876	p-Isopropyltoluene	U	5
541731	1,3-Dichlorobenzene	U	5
106467	1,4-Dichlorobenzene	3 J	5
104518	n-Butylbenzene	U	5
95501	1,2-Dichlorobenzene	U	5
96128	1,2-Dibromo-3-Chloropropane	U	5
120821	1,2,4-Trichlorobenzene	U	5
87683	Hexachlorobutadiene	U	5
91203	Naphthalene	U	5
87616	1,2,3-Trichlorobenzene	U	5
95476	o-Xylene	U	5
75150	Carbon disulfide	U	5
110758	2-Chloroethylvinylether	U	5
67641	Acetone	U	5
108054	Vinyl acetate	U	5
789333	2-Butanone	U	5
108101	4-Methyl-2-pentanone	U	5
591786	2-Hexanone	U	5

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	118 %	70-121	OK
Toluene-d8	101 %	81-117	OK
Bromofluorobenzene	101 %	74-121	OK

Percent solid of 94.9 is used for all target compounds.

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Indicates result exceeds highest calibration standard

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

D18EP-2

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: 6648-66IQ SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0206823

Sample wt/vol: 30.19 (g/ml) G Lab File ID: E0908.D

Level: (low/med) LOW Date Received:

% Moisture: 5.1 decanted:(Y/N) N Date Extracted: 6/21/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
000062-75-9	N-Nitrosodimethylamine	350	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	350	U
95-57-8	2-Chlorophenol	350	U
541-73-1	1,3-Dichlorobenzene	350	U
106-46-7	1,4-Dichlorobenzene	350	U
100-51-6	Benzyl alcohol	350	U
95-50-1	1,2-Dichlorobenzene	350	U
95-48-7	2-Methylphenol	350	U
108-60-1	bis(2-chloroisopropyl)ether	350	U
106-44-5	3&4-Methylphenol	350	U
621-64-7	N-Nitroso-di-n-propylamine	350	U
67-72-1	Hexachloroethane	350	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	350	U
88-75-5	2-Nitrophenol	350	U
105-67-9	2,4-Dimethylphenol	350	U
000065-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)methane	350	U
120-83-2	2,4-Dichlorophenol	350	U
120-82-1	1,2,4-Trichlorobenzene	350	U
91-20-3	Naphthalene	350	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	350	U
59-50-7	4-Chloro-3-methylphenol	350	U
91-57-6	2-Methylnaphthalene	350	U
77-47-4	Hexachlorocyclopentadiene	350	U
88-06-2	2,4,6-Trichlorophenol	350	U
95-95-4	2,4,5-Trichlorophenol	350	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	350	U
131-11-3	Dimethylphthalate	350	U
208-96-8	Acenaphthylene	350	U
99-09-2	3-Nitroaniline	350	U
83-32-9	Acenaphthene	350	U
51-28-5	2,4-Dinitrophenol	350	U
100-02-7	4-Nitrophenol	350	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

D18EP-2

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: 6618661Q SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0206823

Sample wt/vol: 30.19 (g/ml) G Lab File ID: E0908.D

Level: (low/med) LOW Date Received:

% Moisture: 5.1 decanted:(Y/N) N Date Extracted: 6/21/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
132-64-9	Dibenzofuran	350	U
606-20-2	2,6-Dinitrotoluene	350	U
121-14-2	2,4-Dinitrotoluene	350	U
84-66-2	Diethylphthalate	350	U
7005-72-3	4-Chlorophenyl-phenylether	350	U
86-73-7	Fluorene	350	U
100-01-6	4-Nitroaniline	350	U
534-52-1	4,6-Dinitro-2-methylphenol	350	U
86-30-6	n-Nitrosodiphenylamine	350	U
101-55-3	4-Bromophenyl-phenylether	350	U
118-74-1	Hexachlorobenzene	350	U
87-86-5	Pentachlorophenol	350	U
85-01-8	Phenanthrene	350	U
120-12-7	Anthracene	350	U
84-74-2	Di-n-butylphthalate	350	U
206-44-0	Fluoranthene	350	U
129-00-0	Pyrene	350	U
85-68-7	Butylbenzylphthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	350	U
56-55-3	Benzo[a]anthracene	350	U
117-81-7	bis(2-Ethylhexyl)phthalate	350	U
218-01-9	Chrysene	350	U
117-84-0	Di-n-octylphthalate	350	U
205-99-2	Benzo[b]fluoranthene	350	U
207-08-9	Benzo[k]fluoranthene	350	U
50-32-8	Benzo[a]pyrene	350	U
193-39-5	Indeno[1,2,3-cd]pyrene	350	U
53-70-3	Dibenz[a,h]anthracene	350	U
191-24-2	Benzo[g,h,i]perylene	350	U

ACCREDITED LABORATORIES, INC.
INORGANIC ANALYSIG DATA SHEET

Case #: 6619
Sample #: 0206823
Field ID: D18EP-2
Client Name: ITS

Matrix: Soil
Date Received: 06/20/02

CAS No.	Element	Result MG/KG	MDL MG/KG	Dilution Factor	Method	Date Analyzed
7440-38-2	Arsenic	ND	1.66	1	P	06/21/02
7440-39-3	Barium	3.57	.994	1	P	06/21/02
7440-43-9	Cadmium	ND	.331	1	P	06/21/02
7440-47-3	Chromium	8.35	.663	1	P	06/21/02
7439-92-1	Lead	8.55	6.63	1	P	06/21/02
7439-97-6	Mercury	ND	.211	1	CV	06/21/02
7782-49-2	Selenium	ND	1.66	1	P	06/21/02
7440-22-4	Silver	ND	.331	1	P	06/21/02

Percent Solid of 94.9 is used for all target elements

ND - Element analyzed for but not detected.
P - Analyzed by ICP
F - Analyzed by GFA
CV - Analyzed by Cold Vapor
A - Analyzed by flame AA

Accredited Laboratories, Inc.
TPHC by GC-FID Method 310.13

Client: ITS
Case #: 6619
Analyst: CG

Matrix: Soil
Date Received: 06/20/02
Date Extracted: 06/25/02
Date Analyzed: 06/25/02

Field #	Sample #	mg/Kg Gasoline	mg/Kg Kerosene	mg/Kg Fuel #2	mg/Kg Mineral Spirits	mg/Kg Fuel #6	mg/Kg MDL
	DBLK09	ND	ND	ND	ND	ND	4.0
D18EP-2	0206823	ND	ND	ND	ND	ND	4.2
E06B07EP-2	0206824	ND	ND	ND	ND	ND	4.3
E15EP-3	0206825	ND	ND	ND	ND	ND	4.1

ND = Not detected
Detection was based on the peak pattern compared to Gasoline, Kerosene, Diesel Fuel#2, Mineral Spirits and Fuel#6.

E-15

Pit Located Adjacent to Loading Dock

ACCREDITED LABORATORIES, INC.
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	6619	MATRIX	Soil
SAMPLE NUMBER	0206825	DILUTION FACTOR	1.0
DATA FILE	>A7759	DATE EXTRACTED	
CLIENT NAME	ITS	DATE ANALYZED	06/24/02
FIELD ID	E15EP-3	ANALYZED BY	DANIEL

CAS #	COMPOUND	UG/KG	MDL
107028	Acrolein	U	26
107131	Acrylonitrile	U	26
75718	Dichlorodifluoromethane	U	5
74873	Chloromethane	U	5
75014	Vinyl Chloride	U	5
74839	Bromomethane	U	5
75003	Chloroethane	U	5
75694	Trichlorofluoromethane	27	5
75354	1,1-Dichloroethene	U	5
75092	Methylene Chloride	8 B	5
156605	trans-1,2-Dichloroethene	U	5
75343	1,1-Dichloroethane	U	5
590207	2,2-Dichloropropane	U	5
156592	cis-1,2-dichloroethene	U	5
67663	Chloroform	U	5
74975	Bromochloromethane	U	5
71556	1,1,1-Trichloroethane	U	5
563586	1,1-Dichloropropene	U	5
56235	Carbon Tetrachloride	U	5
107062	1,2-Dichloroethane	U	5
71432	Benzene	U	5
79016	Trichloroethene	2 J	5
78875	1,2-Dichloropropane	U	5
75274	Bromodichloromethane	U	5
74953	Dibromomethane	U	5
10061015	cis-1,3-dichloropropene	U	5
108883	Toluene	U	5
10061026	trans-1,3-Dichloropropene	U	5
79005	1,1,2-Trichloroethane	U	5
142289	1,3-Dichloropropane	U	5
127184	Tetrachloroethene	U	5
124481	Dibromochloromethane	U	5
106934	1,2-Dibromoethane	U	5
100414	Ethylbenzene	U	5

CAS #	COMPOUND	UG/KG	MDL
108907	Chlorobenzene	2 J	5
630206	1,1,1,2-Tetrachloroethane	U	5
10330207	m,p-Xylene	U	10
100425	Styrene	U	5
98828	Isopropylbenzene	U	5
75252	Bromoform	U	5
79345	1,1,2,2-Tetrachloroethane	U	5
96184	1,2,3-Trichloropropane	U	5
103651	n-Propyl benzene	U	5
108861	Bromobenzene	U	5
108678	1,3,5-Trimethylbenzene	U	5
95498	2-Chlorotoluene	U	5
106434	4-Chlorotoluene	U	5
98066	tert-Butylbenzene	U	5
95636	1,2,4-Trimethylbenzene	U	5
135988	sec-Butylbenzene	U	5
99876	p-Isopropyltoluene	U	5
541731	1,3-Dichlorobenzene	U	5
106467	1,4-Dichlorobenzene	2 J	5
104518	n-Butylbenzene	U	5
95501	1,2-Dichlorobenzene	U	5
96128	1,2-Dibromo-3-Chloropropane	U	5
120821	1,2,4-Trichlorobenzene	U	5
87683	Hexachlorobutadiene	U	5
91203	Naphthalene	U	5
87616	1,2,3-Trichlorobenzene	U	5
95476	o-Xylene	U	5
75150	Carbon disulfide	U	5
110758	2-Chloroethylvinylether	U	5
67641	Acetone	U	5
108054	Vinyl acetate	U	5
78933	2-Butanone	U	5
108101	4-Methyl-2-pentanone	U	5
591786	2-Hexanone	U	5

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	117 %	70-121	OK
Toluene-d8	102 %	81-117	OK
Bromofluorobenzene	111 %	74-121	OK

Percent solid of 96.7 is used for all target compounds.

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected,
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Indicates result exceeds highest calibration standard

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

E15EP-3

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: ~~6618~~ 6619 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0206825

Sample wt/vol: 30.1 (g/ml) G Lab File ID: E0910.D

Level: (low/med) LOW Date Received:

% Moisture: 3.3 decanted:(Y/N) N Date Extracted: 6/21/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
000062-75-9	N-Nitrosodimethylamine	340	U
108-95-2	Phenol	340	U
111-44-4	bis(2-Chloroethyl)ether	340	U
95-57-8	2-Chlorophenol	340	U
541-73-1	1,3-Dichlorobenzene	340	U
106-46-7	1,4-Dichlorobenzene	340	U
100-51-6	Benzyl alcohol	340	U
95-50-1	1,2-Dichlorobenzene	340	U
95-48-7	2-Methylphenol	340	U
108-60-1	bis(2-chloroisopropyl)ether	340	U
106-44-5	3&4-Methylphenol	340	U
621-64-7	N-Nitroso-di-n-propylamine	340	U
67-72-1	Hexachloroethane	340	U
98-95-3	Nitrobenzene	340	U
78-59-1	Isophorone	340	U
88-75-5	2-Nitrophenol	340	U
105-67-9	2,4-Dimethylphenol	340	U
000065-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)methane	340	U
120-83-2	2,4-Dichlorophenol	340	U
120-82-1	1,2,4-Trichlorobenzene	340	U
91-20-3	Naphthalene	340	U
106-47-8	4-Chloroaniline	340	U
87-68-3	Hexachlorobutadiene	340	U
59-50-7	4-Chloro-3-methylphenol	340	U
91-57-6	2-Methylnaphthalene	340	U
77-47-4	Hexachlorocyclopentadiene	340	U
88-06-2	2,4,6-Trichlorophenol	340	U
95-95-4	2,4,5-Trichlorophenol	340	U
91-58-7	2-Chloronaphthalene	340	U
88-74-4	2-Nitroaniline	340	U
131-11-3	Dimethylphthalate	340	U
208-96-8	Acenaphthylene	340	U
99-09-2	3-Nitroaniline	340	U
83-32-9	Acenaphthene	340	U
51-28-5	2,4-Dinitrophenol	340	U
100-02-7	4-Nitrophenol	340	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

E15EP-3

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: 6618&6619 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0206825

Sample wt/vol: 30.1 (g/ml) G Lab File ID: E0910.D

Level: (low/med) LOW Date Received:

% Moisture: 3.3 decanted:(Y/N) N Date Extracted: 6/21/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
132-64-9	Dibenzofuran	340	U
606-20-2	2,6-Dinitrotoluene	340	U
121-14-2	2,4-Dinitrotoluene	340	U
84-66-2	Diethylphthalate	340	U
7005-72-3	4-Chlorophenyl-phenylether	340	U
86-73-7	Fluorene	340	U
100-01-6	4-Nitroaniline	340	U
534-52-1	4,6-Dinitro-2-methylphenol	340	U
86-30-6	n-Nitrosodiphenylamine	340	U
101-55-3	4-Bromophenyl-phenylether	340	U
118-74-1	Hexachlorobenzene	340	U
87-86-5	Pentachlorophenol	340	U
85-01-8	Phenanthrene	340	U
120-12-7	Anthracene	340	U
84-74-2	Di-n-butylphthalate	340	U
206-44-0	Fluoranthene	340	U
129-00-0	Pyrene	340	U
85-68-7	Butylbenzylphthalate	340	U
91-94-1	3,3'-Dichlorobenzidine	340	U
56-55-3	Benzo[a]anthracene	340	U
117-81-7	bis(2-Ethylhexyl)phthalate	340	U
218-01-9	Chrysene	340	U
117-84-0	Di-n-octylphthalate	340	U
205-99-2	Benzo[b]fluoranthene	340	U
207-08-9	Benzo[k]fluoranthene	340	U
50-32-8	Benzo[a]pyrene	340	U
193-39-5	Indeno[1,2,3-cd]pyrene	340	U
53-70-3	Dibenz[a,h]anthracene	340	U
191-24-2	Benzo[g,h,i]perylene	340	U

ACCREDITED LABORATORIES, INC.
INORGANIC ANALYSIS DATA SHEET

Case #: 6619
Sample #: 0204825
Field ID: E15SP-3
Client Name: ITS

Matrix: Soil
Date Received: 06/20/02

CAS No.	Element	Result MG/KG	MDL MG/KG	Dilution Factor	Method	Date Analyzed
7440-38-2	Arsenic	ND	1.65	1	P	06/21/02
7440-39-3	Barium	3.53	.988	1	P	06/21/02
7440-43-9	Cadmium	ND	.329	1	P	06/21/02
7440-47-3	Chromium	4.23	.659	1	P	06/21/02
7439-92-1	Lead	ND	6.59	1	P	06/21/02
7439-97-6	Mercury	ND	.207	1	CV	06/21/02
7782-49-2	Selenium	ND	1.65	1	P	06/21/02
7440-22-4	Silver	ND	.329	1	P	06/21/02

Percent Solid of 96.7 is used for all target elements

ND - Element analyzed for but not detected.
P - Analyzed by ICP
F - Analyzed by GFA
CV - Analyzed by Cold Vapor
A - Analyzed by flame AA

Accredited Laboratories, Inc.
TPHC by GC-FID Method 310.13

Client: ITS
Case #: 6619
Analyst: CG

Matrix: Soil
Date Received: 06/20/02
Date Extracted: 06/25/02
Date Analyzed: 06/25/02

Field #	Sample #	mg/Kg Gasoline	mg/Kg Kerosene	mg/Kg Fuel #2	mg/Kg Mineral Spirits	mg/Kg Fuel #6	mg/Kg MDL
	DBLK09	ND	ND	ND	ND	ND	4.0
D18EP-2	0206823	ND	ND	ND	ND	ND	4.2
E06B07EP-2	0206824	ND	ND	ND	ND	ND	4.3
E15EP-3	0206825	ND	ND	ND	ND	ND	4.1

ND = Not detected
Detection was based on the peak pattern compared to Gasoline, Kerosene, Diesel Fuel#2, Mineral Spirits and Fuel#6.

D-17/I27B01

Pit within SMS Bench Packaging Area

ACCREDITED LABORATORIES, INC.
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	5311	MATRIX	Soil
SAMPLE NUMBER	0202128	DILUTION FACTOR	1.0
DATA FILE	>85801	DATE EXTRACTED	
CLIENT NAME	ITS	DATE ANALYZED	02/22/02
FIELD ID	DF-17 PIT	ANALYZED BY	DANIEL

CAS #	COMPOUND	UG/KG	MDL	CAS #	COMPOUND	UG/KG	MDL
107028	Acrolein	U	26	108907	Chlorobenzene	U	5
107131	Acrylonitrile	U	26	630206	1,1,1,2-Tetrachloroethane	U	5
75718	Dichlorodifluoromethane	U	5	10330207	m,p-Xylene	U	10
74873	Chloromethane	U	5	100425	Styrene	U	5
75014	Vinyl Chloride	U	5	98828	Isopropylbenzene	U	5
74839	Bromomethane	U	5	75252	Bromoform	U	5
75003	Chloroethane	U	5	79345	1,1,2,2-Tetrachloroethane	U	5
75694	Trichlorofluoromethane	U	5	96184	1,2,3-Trichloropropane	U	5
75354	1,1-Dichloroethene	U	5	103651	n-Propyl benzene	U	5
75092	Methylene Chloride	U	5	108861	Bromobenzene	U	5
156605	trans-1,2-Dichloroethene	U	5	108678	1,3,5-Trimethylbenzene	U	5
75343	1,1-Dichloroethane	U	5	95498	2-Chlorotoluene	U	5
590207	2,2-Dichloropropane	U	5	106434	4-Chlorotoluene	U	5
156592	cis-1,2-dichloroethene	U	5	98066	tert-Butylbenzene	U	5
67663	Chloroform	U	5	95636	1,2,4-Trimethylbenzene	U	5
74975	Bromochloromethane	U	5	135988	sec-Butylbenzene	U	5
71556	1,1,1-Trichloroethane	U	5	99876	p-Isopropyltoluene	U	5
563586	1,1-Dichloropropene	U	5	541731	1,3-Dichlorobenzene	U	5
56235	Carbon Tetrachloride	U	5	106467	1,4-Dichlorobenzene	U	5
107062	1,2-Dichloroethane	U	5	104518	n-Butylbenzene	U	5
71432	Benzene	U	5	95501	1,2-Dichlorobenzene	U	5
79016	Trichloroethene	U	5	96128	1,2-Dibromo-3-Chloropropane	U	5
78875	1,2-Dichloropropane	U	5	120821	1,2,4-Trichlorobenzene	U	5
75274	Bromodichloromethane	U	5	87683	Hexachlorobutadiene	U	5
74953	Dibromomethane	U	5	91203	Naphthalene	U	5
10061015	cis-1,3-dichloropropene	U	5	87616	1,2,3-Trichlorobenzene	U	5
108883	Toluene	U	5	95476	o-Xylene	U	5
10061026	trans-1,3-Dichloropropene	U	5	75150	Carbon disulfide	U	5
79005	1,1,2-Trichloroethane	U	5	110758	2-Chloroethylvinylether	U	5
142289	1,3-Dichloropropane	U	5	67641	Acetone	U	5
127184	Tetrachloroethene	U	5	108054	Vinyl acetate	U	5
124481	Dibromochloromethane	U	5	789333	2-Butanone	U	5
106934	1,2-Dibromoethane	U	5	108101	4-Methyl-2-pentanone	U	5
100414	Ethylbenzene	U	5	591786	2-Hexanone	U	5

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	93 %	70-121	OK
Toluene-d8	103 %	81-117	OK
Bromofluorobenzene	99 %	74-121	OK

Percent solid of 96.9 is used for all target compounds.

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected,
D - Indicates result is based on a dilution.
B - Indicates compound found in associated blank.
E - Indicates result exceeds highest calibration standard

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

DF-17 PIT

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: 5311 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0202120

Sample wt/vol: 30 (g/ml) G Lab File ID: E0129.D

Level: (low/med) LOW Date Received:

% Moisture: 3.1 decanted:(Y/N) N Date Extracted: 2/20/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/21/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
000062-75-9	N-Nitrosodimethylamine	340	U
108-95-2	Phenol	340	U
111-44-4	bis(2-Chloroethyl)ether	340	U
95-57-8	2-Chlorophenol	340	U
541-73-1	1,3-Dichlorobenzene	340	U
106-46-7	1,4-Dichlorobenzene	340	U
100-51-6	Benzyl alcohol	340	U
95-50-1	1,2-Dichlorobenzene	340	U
95-48-7	2-Methylphenol	340	U
108-60-1	bis(2-chloroisopropyl)ether	340	U
106-44-5	3&4-Methylphenol	340	U
621-64-7	N-Nitroso-di-n-propylamine	340	U
67-72-1	Hexachloroethane	340	U
98-95-3	Nitrobenzene	340	U
78-59-1	Isophorone	340	U
88-75-5	2-Nitrophenol	340	U
105-67-9	2,4-Dimethylphenol	340	U
000065-85-0	Benzoic Acid	1700	U
111-91-1	bis(2-Chloroethoxy)methane	340	U
120-83-2	2,4-Dichlorophenol	340	U
120-82-1	1,2,4-Trichlorobenzene	340	U
91-20-3	Naphthalene	340	U
106-47-8	4-Chloroaniline	340	U
87-68-3	Hexachlorobutadiene	340	U
59-50-7	4-Chloro-3-methylphenol	340	U
91-57-6	2-Methylnaphthalene	340	U
77-47-4	Hexachlorocyclopentadiene	340	U
88-06-2	2,4,6-Trichlorophenol	340	U
95-95-4	2,4,5-Trichlorophenol	340	U
91-58-7	2-Chloronaphthalene	340	U
88-74-4	2-Nitroaniline	340	U
131-11-3	Dimethylphthalate	340	U
208-96-8	Acenaphthylene	340	U
99-09-2	3-Nitroaniline	340	U
83-32-9	Acenaphthene	340	U
51-28-5	2,4-Dinitrophenol	340	U
100-02-7	4-Nitrophenol	340	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DF-17 PIT

Lab Name: ACCREDITED LABS INC. Contract:

Lab Code: Case No.: 5311 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 0202120

Sample wt/vol: 30 (g/ml) G Lab File ID: E0129.D

Level: (low/med) LOW Date Received:

% Moisture: 3.1 decanted:(Y/N) N Date Extracted: 2/20/02

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/21/02

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
132-64-9	Dibenzofuran	340	U
606-20-2	2,6-Dinitrotoluene	340	U
121-14-2	2,4-Dinitrotoluene	340	U
84-66-2	Diethylphthalate	340	U
7005-72-3	4-Chlorophenyl-phenylether	340	U
86-73-7	Fluorene	340	U
100-01-6	4-Nitroaniline	340	U
534-52-1	4,6-Dinitro-2-methylphenol	340	U
86-30-6	n-Nitrosodiphenylamine	340	U
101-55-3	4-Bromophenyl-phenylether	340	U
118-74-1	Hexachlorobenzene	340	U
87-86-5	Pentachlorophenol	340	U
85-01-8	Phenanthrene	64	J
120-12-7	Anthracene	340	U
84-74-2	Di-n-butylphthalate	340	U
206-44-0	Fluoranthene	170	J
129-00-0	Pyrene	140	J
85-68-7	Butylbenzylphthalate	340	U
91-94-1	3,3'-Dichlorobenzidine	340	U
56-55-3	Benzo[a]anthracene	77	J
117-81-7	bis(2-Ethylhexyl)phthalate	340	U
218-01-9	Chrysene	96	J
117-84-0	Di-n-octylphthalate	340	U
205-99-2	Benzo[b]fluoranthene	83	J
207-08-9	Benzo[k]fluoranthene	89	J
50-32-8	Benzo[a]pyrene	82	J
193-39-5	Indeno[1,2,3-cd]pyrene	58	J
53-70-3	Dibenz[a,h]anthracene	340	U
191-24-2	Benzo[g,h,i]perylene	62	J

ACCREDITED LABORATORIES, INC.
INORGANIC ANALYSIS DATA SHEET

Case #: 5311
Sample #: 0202120
Field ID: DF-17 PIT
Client Name: ITS

Matrix: Soil
Date Received: 02/19/02

CAS No.	Element	Result MG/KG	MDL MG/KG	Dilution Factor	Method	Date Analyzed
7440-38-2	Arsenic	ND	1.32	4	F	02/20/02
7440-39-3	Barium	6.53	1.96	1	P	02/22/02
7440-43-9	Cadmium	ND	.653	1	P	02/22/02
7440-47-3	Chromium	9.73	1.96	1	P	02/22/02
7439-92-1	Lead	23.4	16.3	1	P	02/22/02
7439-97-6	Mercury	ND	.516	1	CV	02/20/02
7782-49-2	Selenium	ND	1.69	5	F	02/20/02
7440-22-4	Silver	ND	.653	1	P	02/22/02

Percent Solid of 96.9 is used for all target elements

ND - Element analyzed for but not detected.
P - Analyzed by ICP
CV - Analyzed by Cold Vapor
F - Analyzed by CFA
A - Analyzed by flame AA

ACCREDITED LABORATORIES, INC
PESTICIDE/PCB ORGANIC ANALYSIS DATA

CASE NUMBER	5311	MATRIX	Soil
SAMPLE NUMBER	0202120	DILUTION FACTOR	1
DATA FILE	>02257	DATE EXTRACTED	02/20/02
CLIENT NAME	ITS	DATE ANALYZED	02/21/02
FIELD ID	PP-17 PIT	ANALYZED BY	PHIL

CAS#	COMPOUND	UG/KG	MDL
319846	A-BHC	U	.688
319857	B-BHC	U	.688
58899	G-BHC (Lindane)	U	.688
319868	D-BHC	U	.688
76448	Heptachlor	U	.688
309002	Aldrin	U	.688
1024573	Heptachlor Epoxide	U	.688
959988	Endosulfan I	U	.688
5103719	A-Chlordane	.421 J	.688
5103742	G-Chlordane	U	.688
60571	Dieldrin	U	1.38
72559	4,4'-DDE	U	1.38
72208	Endrin	U	1.38
33213659	Endosulfan II	U	1.38
72548	4,4'-DDD	U	1.38
7421934	Endrin Aldehyde	U	1.38
1031078	Endosulfan Sulfate	U	1.38
50293	4,4'-DDT	U	1.38
53494705	Endrin Ketone	U	1.38
72435	Methoxychlor	U	6.88
8001352	Toxaphene	U	34.4
12674112	Aroclor-1016	U	17.2
11104282	Aroclor-1221	U	17.2
11141165	Aroclor-1232	U	17.2
53469219	Aroclor-1242	U	17.2
12672296	Aroclor-1248	U	17.2
11097691	Aroclor-1254	U	17.2
11096825	Aroclor-1260	U	17.2

Percent Solid of 96.9 is used for all target compounds.

B - Indicates compound found in associated blank.
J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
E - Indicates result exceeds highest calibration standard.
D - Indicates result is based on a dilution.
R - Result exceeds residential surface soil standards.*
I - Result exceeds industrial surface soil standards.*

* Flags are based on New Jersey Soil Cleanup from Site Remediation News Volume 06 Number 1.

DF-184/E16B01

Former Leaching Gallery

ACCREDITED LABORATORIES, INC.
VOLATILE ORGANIC ANALYSIS DATA

CASE NUMBER	5223	MATRIX	Soil
SAMPLE NUMBER	0201799	DILUTION FACTOR	1.0
DATA FILE	>00719	DATE EXTRACTED	
CLIENT NAME	ITS	DATE ANALYZED	02/14/02
FIELD ID	OF-184	ANALYZED BY	WILLIAM

CAS #	COMPOUND	UG/KG		MDL
107028	Acrolein	U		26
107131	Acrylonitrile	U		26
75718	Dichlorodifluoromethane	U		5
74873	Chloromethane	U		5
75014	Vinyl Chloride	U		5
74839	Bromomethane	U		5
75003	Chloroethane	U		5
75694	Trichlorofluoromethane	U		5
75354	1,1-Dichloroethene	U		5
75092	Methylene Chloride	12	B	5
156605	trans-1,2-Dichloroethene	U		5
75343	1,1-Dichloroethane	U		5
590207	2,2-Dichloropropane	U		5
156592	cis-1,2-dichloroethene	U		5
67663	Chloroform	U		5
74975	Bromochloromethane	U		5
71556	1,1,1-Trichloroethane	U		5
563586	1,1-Dichloropropene	U		5
56235	Carbon Tetrachloride	U		5
107062	1,2-Dichloroethane	U		5
71432	Benzene	U		5
79016	Trichloroethene	U		5
78875	1,2-Dichloropropane	U		5
75274	Bromodichloromethane	U		5
74953	Dibromomethane	U		5
10061015	cis-1,3-dichloropropene	U		5
108883	Toluene	U		5
10061026	trans-1,3-Dichloropropene	U		5
79005	1,1,2-Trichloroethene	U		5
142289	1,3-dichloropropane	U		5
127184	Tetrachloroethene	U		5
124481	Dibromochloromethane	U		5
106934	1,2-Dibromoethane	U		5
100414	Ethylbenzene	U		5

CAS #	COMPOUND	UG/KG	MDL
108907	Chlorobenzene	U	5
630206	1,1,1,2-Tetrachloroethane	U	5
1330207	m,p-Xylene	U	10
100425	Styrene	U	5
98828	Isopropylbenzene	U	5
75252	Bromoform	U	5
79345	1,1,2,2-Tetrachloroethane	U	5
96184	1,2,3-Trichloropropane	U	5
103651	n-Propyl benzene	U	5
108861	Bromobenzene	U	5
108678	1,3,5-Trimethylbenzene	U	5
95498	2-Chlorotoluene	U	5
106434	4-Chlorotoluene	U	5
98066	tert-Butylbenzene	U	5
95636	1,2,4-Trimethylbenzene	U	5
135988	sec-Butylbenzene	U	5
99876	p-Isopropyltoluene	U	5
541731	1,3-Dichlorobenzene	U	5
106467	1,4-Dichlorobenzene	U	5
104518	n-Butylbenzene	U	5
95501	1,2-Dichlorobenzene	U	5
96128	1,2-Dibromo-3-Chloropropane	U	5
120821	1,2,4-Trichlorobenzene	U	5
87683	Hexachlorobutadiene	U	5
91203	Naphthalene	U	5
87616	1,2,3-Trichlorobenzene	U	5
95476	o-Xylene	U	5
75150	Carbon disulfide	U	5
110758	2-Chloroethylvinylether	U	5
67641	Acetone	12	5
108054	Vinyl acetate	U	5
789333	2-Butanone	U	5
108101	4-Methyl-2-pentanone	U	5
591786	2-Hexanone	U	5

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
1,2-Dichloroethane-d4	85 %	70-121	OK
Toluene-d8	97 %	81-117	OK
Bromofluorobenzene	96 %	74-121	OK

Percent solid of 97.9 is used for all target compounds.

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected,
D - Indicates result is based on a dilution.
I - Result exceeds industrial surface soil standards.*
B - Indicates compound found in associated blank.
E - Indicates result exceeds highest calibration standard
R - Result exceeds residential surface soil standards.*

ACCREDITED LABORATORIES, INC.
BNA ORGANIC ANALYSIS DATA

CASE NUMBER	5223	MATRIX	Soil
SAMPLE NUMBER	Q201799	DILUTION FACTOR	1.0
DATA FILE	>F7590	DATE EXTRACTED	02/13/02
CLIENT NAME	ITS	DATE ANALYZED	02/14/02
FIELD ID	DF-164	ANALYZED BY	ROBERT

CAS #	COMPOUND	UG/KG		MDL	CAS #	COMPOUND	UG/KG		MDL
83329	Acenaphthene	U		340	534521	4,6-Dinitro-2-methylphenol	U		340
208968	Acenaphthylene	U		340	51285	2,4-Dinitrophenol	U		340
120127	Anthracene	39	J	340	121142	2,4-Dinitrotoluene	U		340
56553	Benzo(a)Anthracene	100	J	340	606202	2,6-Dinitrotoluene	U		340
50328	Benzo(a)Pyrene	83	J	340	117840	Di-n-octyl phthalate	U		340
205992	Benzo(b)fluoranthene	94	J	340	206440	Fluoranthene	250	J	340
191242	Benzo(g,h,i)Perylene	54	J	340	86737	Fluorene	U		340
207089	Benzo(k)Fluoranthene	72	J	340	118741	Hexachlorobenzene	U		340
65850	Benzoic Acid	U		1700	87683	Hexachlorobutadiene	U		340
100516	Benzyl Alcohol	U		340	77474	Hexachlorocyclopentadiene	U		340
111444	bis(-2-Chloroethyl)Ether	U		340	67721	Hexachloroethane	U		340
108601	bis(2-Chloroisopropyl)ether	U		340	193395	Indeno(1,2,3-cd)Pyrene	54	J	340
117817	Bis(2-Ethylhexyl)Phthalate	38	J	340	78591	Isophorone	U		340
111911	bis(-2-Chloroethoxy)Methane	U		340	91576	2-Methylnaphthalene	U		340
101553	4-Bromophenyl-phenylether	U		340	95487	2-Methylphenol	U		340
85687	Butylbenzylphthalate	U		340	108394	3&4-Methylphenol	U		340
106478	4-Chloroaniline	U		340	91203	Naphthalene	U		340
91587	2-Chloronaphthalene	U		340	88744	2-Nitroaniline	U		340
59507	4-Chloro-3-methylphenol	U		340	99092	3-Nitroaniline	U		340
95578	2-Chlorophenol	U		340	100016	4-Nitroaniline	U		340
7005723	4-Chlorophenyl-phenylether	U		340	98953	Nitrobenzene	U		340
218019	Chrysene	95	J	340	88755	2-Nitrophenol	U		340
53703	Dibenzo(a,h)Anthracene	U		340	100027	4-Nitrophenol	U		340
132649	Dibenzofuran	U		340	62759	N-Nitrosodimethylamine	U		340
95501	1,2-Dichlorobenzene	U		340	86306	N-Nitrosodiphenylamine	U		340
541731	1,3-Dichlorobenzene	U		340	621647	N-Nitroso-Di-n-propylamine	U		340
106467	1,4-Dichlorobenzene	U		340	87865	Pentachlorophenol	U		340
91941	3,3'-Dichlorobenzidine	U		340	85018	Phenanthrene	160	J	340
120832	2,4-Dichlorophenol	U		340	108952	Phenol	U		340
84662	Diethylphthalate	U		340	129000	Pyrene	140	J	340
105679	2,4-Dimethylphenol	U		340	120821	1,2,4-Trichlorobenzene	U		340
131113	Dimethyl Phthalate	U		340	95954	2,4,5-Trichlorophenol	U		340
84742	Di-n-Butylphthalate	U		340	88062	2,4,6-Trichlorophenol	U		340

SURROGATE COMPOUNDS	RECOVERY	LIMITS	STATUS
Nitrobenzene-d5	73 %	23-120	OK
2-Fluorobiphenyl	66 %	30-115	OK
Terphenyl-d14	57 %	18-137	OK
Phenol-d5	70 %	24-113	OK
2-Fluorophenol	61 %	25-121	OK
2,4,6-Tribromophenol	69 %	19-122	OK

Percent solid of 97.9 is used for all target compounds.

J - Indicates compound concentration found below MDL.
U - Indicates compound analyzed for but not detected.
D - Indicates result is based on a dilution.
I - Results exceed industrial surface soil standards.*
B - Indicates compound found in associated blank.
E - Concentration exceeds highest calibration standard.
R - Result exceeds residential surface soil standards.*

* Flags are based on New Jersey Soil Cleanup Criteria from Site Remediation News Volume 06 Number 1.
** 3-Methylphenol and 4-Methylphenol can not be seperated by the method applied

ACCREDITED LABORATORIES, INC.
INORGANIC ANALYSIS DATA SHEET

Case #: 5223
Sample #: 0201799
Field ID: DF-184
Client Name: ITS

Matrix: Soil
Date Received: 02/08/02

CAS No.	Element	Result MG/KG	MDL MG/KG	Dilution Factor	Method	Date Analyzed
7440-38-2	Arsenic	ND	1.30	4	F	02/13/02
7440-39-3	Barium	3.22	1.94	1	P	02/13/02
7440-43-9	Cadmium	ND	.970	1	P	02/13/02
7440-47-3	Chromium	4.30	1.94	1	P	02/13/02
7439-92-1	Lead	ND	19.4	1	P	02/13/02
7439-97-6	Mercury	ND	.511	1	CV	02/12/02
7782-49-2	Selenium	ND	1.63	5	F	02/13/02
7440-22-4	Silver	ND	.646	1	P	02/13/02

Percent Solid of 97.9 is used for all target elements

ND - Element analyzed for but not detected.
P - Analyzed by ICP
F - Analyzed by GFA
CV - Analyzed by Cold Vapor
A - Analyzed by flame AA

Accredited Laboratories, Inc.
TPHC by GC-FID Method 310.13

Client: ITS
Case #: 5223
Analyst: CG

Matrix: Soil
Date Received: 02/08/02
Date Extracted: 02/11/02
Date Analyzed: 02/13/02

Field #	Sample #	mg/Kg Gasoline	mg/Kg Kerosene	mg/Kg Fuel #2	mg/Kg Fuel #4	mg/Kg Fuel #6	mg/Kg MDL
	DBLK81	ND	ND	ND	ND	ND	4.0
D01-B01	0201796	ND	ND	ND	ND	ND	4.2
D02-B01	0201797	ND	ND	ND	ND	ND	5.0
D03-B01	0201798	ND	ND	ND	ND	ND	4.4
DF-184	0201799	ND	ND	ND	ND	ND	4.1
D-06	0201800	ND	ND	ND	ND	ND	4.1
D-07	0201801	ND	ND	ND	ND	ND	4.9
E11-B01	0201802	ND	ND	ND	ND	ND	4.1
LPD-01	0201803	ND	ND	ND	ND	ND	4.2

ND = Not detected
Detection was based on the peak pattern compared to Gasoline, Kerosene, Diesel Fuel#2, Fuel#4 and Fuel#6.