

Volume 2

**- INVESTIGATIVE REPORT -
VOLUNTARY CLEANUP PROGRAM**

**575 EAST MILL STREET
CITY OF LITTLE FALLS
HERKIMER COUNTY, NEW YORK
SITE NO. V00223-6**

September 2000

Prepared For:

**THE NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
REGION 6
ATTN: DARREL SWEREDOSKI, P.E.
REGIONAL HAZARDOUS WASTE REMEDIATION ENGINEER**



B U C K

BUCK ENGINEERING

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ANALYTICAL SUMMARY DATA PACKAGE
(NYSDEC ASP)

The analytical work for this project was conducted under NYSDEC ASP protocol. The work is assigned "Sample Delivery Group" (SDG) identifications in order to process and review the work in a systematic way.

The analytical work occurred in three distinct batches during this project.

The initial analytical work for this project was assigned to "SDG BEL0006." This encompassed the bulk of the analytical results and included volatile, semi-volatile, PCB/Pesticide, and inorganic analyses.

The second sample delivery group identifier (SDG BEL0008) was assigned to a single site sample (MW-1) and one QC sample for volatile analysis. This sample was taken to confirm the analytical results from SDG BEL0006.

The third sample delivery group (SDG BEL0013) was assigned to groundwater samples that had been initially found to have high turbidity and some sediment in the sample. In order to obtain more representative results, the site sample and its filtered counterpart were analyzed for TAL metals.

Section dividers (green pages) have been inserted to identify each SDG Analytical Summary Package.

ANALYTICAL SUMMARY DATA PACKAGE

SDG 0006

Narrative
and
Summary Data Package

SDG BEL0006

prepared for

**United Dominion Industries, Inc.
2300 One First Union Center
301 South College Street
Charlotte, NC 28202-6039**

by

**Buck Environmental Laboratories, Inc.
3821 Buck Drive
Cortland, NY 13045**

July 13, 2000

SDG NARRATIVE

September 19, 2000

This laboratory narrative applies to samples from Feldmeier Equipment, Inc., 575 East Mill Street, Little Falls, NY. The samples were taken by personnel from Buck Environmental Labs, Inc. following plans for a VCD Investigation. This data package reports the analytical work performed on the samples received. The soil and water samples received carried sample identifications as listed in the table below. Also shown are the BEL laboratory assigned identification numbers, the sampling and VTSR dates. All samples were assigned to sample delivery group number **BEL0006**.

SAMPLING DATE	VTSR	SAMPLE ID	BEL SAMPLE ID	VOLATILES by ASP-95-1	SEMI-VOLATILES by ASP-95-2	PESTS/PCB's by ASP-95-3	TAL METALS by ASP-CLP	CYANIDE
4/17/00	4/18/00	EQUIPMENT BLANK	0004206-01	X	X	-	X	X
4/11/00	4/12/00	EXPOSURE PATHWAY-CREEK-DOWNSTREAM	0004132-02	X	X	-	X	-
4/17/00	4/18/00	EXPOSURE PATHWAY-CREEK-DOWNSTREAM	0004206-10	-	-	-	-	X
4/11/00	4/12/00	EXPOSURE PATHWAY-CREEK-DOWNSTREAM	0004132-03	X	X	-	X	-
4/11/00	4/12/00	HE-1-SOIL BACKGROUND	0004131-01	-	X	-	X	X
4/11/00	4/12/00	HE-2 SOIL BACKGROUND	0004131-02	-	X	-	X	X
4/11/00	4/12/00	HE-3 SOIL BACKGROUND	0004131-03	-	X	-	X	X
4/17/00	4/18/00	MW-1	0004206-02	X	X	-	X	X
4/17/00	4/18/00	MW-3	0004206-03	-	-	-	X	-
4/18/00	4/19/00	MW-3	0004245-01	X	X	-	-	X
4/17/00	4/18/00	MW-4	0004206-04	X	X	-	X	X
4/17/00	4/18/00	MW-4 FIELD DUP	0004206-07	-	-	-	X	X
4/17/00	4/18/00	MW-4 MS	0004206-05	X	X	-	X	X
4/17/00	4/18/00	MW-4 MSD	0004206-06	X	X	-	X	X
4/14/00	4/15/00	MW-4 AST 4'-6'	0004180-11	-	X	-	X	X
4/14/00	4/15/00	MW-4 AST 6'-8'	0004180-12	X	-	-	-	-
4/17/00	4/18/00	MW-5	0004206-08	-	-	-	X	-
4/13/00	4/15/00	SB-1: 6"-1' ELECTRO. WASTES	0004180-01	-	-	-	X	X
4/13/00	4/15/00	SB-1: 4'-5.3" ELECTRO. WASTES	0004180-02	-	-	-	X	X
4/13/00	4/15/00	SB-2: 6"-1' ELECTRO. WASTES	0004180-03	-	-	-	X	X
4/13/00	4/15/00	SB-2: 2'-3.2' ELECTRO. WASTES	0004180-04	-	-	-	X	X
4/13/00	4/15/00	SB-3: 6'-6.8' ELECTRO. WASTES	0004180-05	-	X	-	X	X
4/13/00	4/15/00	SB-3: 6.8' ELECTRO. WASTES	0004180-06	X	-	-	-	-
4/13/00	4/15/00	SB-4: 8'-10' ELECTRO. WASTES	0004180-07	-	X	-	X	X
4/13/00	4/15/00	SB-4: 20'-22' ELECTRO. WASTES	0004180-08	X	-	-	-	-
4/14/00	4/15/00	SB-5 GAS MANUFACTURING	0004180-10	X	X	-	X	X
4/11/00	4/12/00	TP-1 PETROLEUM AST'S	0004131-04	X	X	-	X	X

(con't)

SAMPLING DATE	VTSR	SAMPLE ID	BEL SAMPLE ID	VOLATILES by ASP-95-1	SEMI-VOLATILES by ASP-95-2	PCB's by ASP-95-3	TAL METALS by ASP-CLP	CYANIDE
4/11/00	4/12/00	TP-2 PETROLEUM AST'S	0004131-05	X	X	-	X	X
4/11/00	4/12/00	TP-2 PETROEUM AST'S	0004132-01	X	X	-	X	-
4/11/00	4/12/00	TP-3 FIELD DUP	0004131-09	-	-	-	X	X
4/11/00	4/12/00	TP-3 MS	0004131-07	X	X	X	X	X
4/11/00	4/12/00	TP-3 MSD	0004131-08	X	X	X	X	X
4/11/00	4/12/00	TP-3 TANNERY SITE	0004131-06	X	X	X	X	X
4/11/00	4/12/00	TP-4 TANNERY SITE	0004131-10	X	X	X	X	X
4/11/00	4/12/00	TP-5 TANNERY SITE	0004131-11	X	X	X	X	X
4/11/00	4/12/00	TRIP BLANK 4/11	0004132-04	X	-	-	-	-
4/13/00	4/15/00	TRIP BLANK 4/13	0004180-09	X	-	-	-	-
4/17/00	4/18/00	TRIP BLANK 4/17	0004206-09	X	-	-	-	-

The samples arrived on four different days.

The first samples arrived 4/12/00 at 09:30AM by hand delivery from the sampler, Eric Monsen. The BEL sample custodian, Kathleen Walsh, accepted the samples. There were 2 coolers in the delivery with custody seals and samples intact. Soil samples were in 1 cooler, with the cooler temperature recorded at 4.1°C. Water samples were in the second cooler with the cooler temperature recorded at 3.8°C. All samples were on bagged ice. The laboratory identification numbers 0004131 and 0004132 were assigned to these samples.

Laboratory identification number 0004180 was assigned to the second group of samples to arrive. These twelve samples arrived after hours (18:52) on 4/14/00 and were placed in the locked storage cooler by the sampler, Eric Monsen. The BEL sample custodian, Kathleen Walsh, removed the samples from storage on the morning of 4/15/00. There were 2 coolers in the delivery, with custody seals and all samples intact. The samples were on bagged ice and the cooler temperatures were recorded at 2.4°C and 2.9°C.

Laboratory identification number 0004206 was assigned to the third group of samples to arrive. These ten samples arrived after hours (17:00) on 4/17/00 and were placed in the locked storage cooler by the sampler, Ernest Spencer. The BEL inorganic supervisor, Shirley Towner, retrieved the samples on the afternoon of 4/18/00. There were 2 coolers in the delivery, with custody seals intact. The samples were on bagged ice and both cooler temperatures were recorded at 4°C.

The last sample to arrive was given the laboratory identification number 0004245. This sample was taken on 4/18/00 by Jacob Haas, a non-BEL employee and delivered to the lab by Richard Hemmings, the BEL sales manager on 4/19/00. One vial was broken by the sampler and was noted on the chain of custody before custody was transferred to BEL personnel. The sample was in one cooler with ice and the temperature was recorded at 4°C.

Comments on BEL analytical quality control review are as follows:

SDG BEL0006

GC/MS Volatiles

Holding Time: Met acceptance criteria.
Initial Calibration: Calibration met laboratory acceptance criteria.
Continuing Calibration: Calibration met laboratory acceptance criteria.
MBS: Met acceptance criteria.
Spikes/Duplicates: Met acceptance criteria.
Surrogate Recovery: Met acceptance criteria.
Internal Standards: Met laboratory acceptance criteria.

BEL SAMPLE ID	pH
0004132-01	< 2
0004132-02	< 2
0004132-03	< 2
0004132-04	< 2
0004180-09	< 2
0004206-01	< 2

BEL SAMPLE ID	pH
0004206-02	< 2
0004206-04	< 2
0004206-05	< 2
0004206-06	< 2
0004206-09	< 2
0004245-01	< 2

The ASP 95-1 analysis was completed on a GC/MS equipped with a J & W DB-624 20 m-.18 mm ID column and using a Supelco VOCARB 3000 trap.

GC/MS Semi-Volatiles

Holding Time: Met acceptance criteria.
Initial Calibration: Calibration met laboratory acceptance criteria.
Continuing Calibration: Calibration met laboratory acceptance criteria.
MS/MSD: Met acceptance criteria. MSD (water) had 5 RPD outside QC limits. MSD (soil) had 1 RPD outside QC limits.
Surrogate Recovery: Met acceptance criteria. Four recoveries were below QC limits for the water samples: (2) 2-fluorobiphenyl, (1) terphenyl and (1) 2-chlorophenol. Five recoveries were below QC for soil samples: (1) 2-fluorobiphenyl, (3) 2-fluorophenol, and (1) 1,2-dichlorobenzene.
Internal Standards: Met laboratory acceptance criteria.
MBS: Met laboratory acceptance criteria.
Note: Samples SB-3 [6-6.8] and TP-4 have target analytes present at concentrations above the upper quantitation limit. Due to analyst error, these samples were not re-analyzed at a dilution.

The EPA 8270 analysis was completed on a GC/MS equipped with a Restek RTX-5MS-30 m-.25 mm ID column.

PCB

Holding Time: Met acceptance criteria.
Initial Calibration: Calibration met laboratory acceptance criteria.
Continuing Calibration: Calibration met laboratory acceptance criteria.
MS/MSD: Met acceptance criteria.
Surrogate Recovery: Met acceptance criteria.
Internal Standards Met laboratory acceptance criteria.

The ASP 95-3 analysis was completed on a GC equipped with RTX-5 and RTX-35 .53 mm columns with a dual ECD detector.

Metals

Holding Time: Met acceptance criteria.
Initial Calibration: Met laboratory acceptance criteria, with the exception of Ba at 87.8% on the soil ICP run. The limit is 90%.
Continuing Calibration: Met laboratory acceptance criteria with the exceptions of 1 CCV for Ag at 86.9% (limit is 90%) and 1 CCV for Hg at 71.6% (limit is 80%).
Method Blanks: A summary of blanks follows:
Soil analyses: ICB's : all non-detect to IDL
CCB's: those noted are between IDL and CRDL
1 above IDL – Ca
2 above IDL – Sb, Pb, Zn
4 above IDL – Na
The last CCB for Pb at 3.4 ug/l was above CRDL, which is 3.0 ug/l.
Prep Blank: TI was just above IDL
Water analyses: ICB's: Al, As, Cu, Na and Zn above IDL.
CCB's: those noted are between IDL and CRDL
1 above IDL – Sb, Cr, Co, Fe, Ni,
2 above IDL – Al, Cu, Na, Zn
The absolute value of the Ag ICB and CCB's were above CRDL, which is 10 ug/l.
Spikes: Qualifier "N" has been assigned to analytes below:
Soil analyses: Hg, Ag
Water analyses: Sb, Pb, Se, TI, Hg
Duplicates: Qualifier "*" has been assigned to analytes below:
Soil analyses: none
Water analyses: Hg, TI
LCS: Met laboratory acceptance criteria.
Serial Dilutions: Qualifier "E" has been assigned to analytes below:
Soil analyses: Zn
Water analyses: Co, Fe, Ag, Na, Zn

Please call Barbara Houskamp, QA Manager, at BEL if you have any questions or need any further information regarding this submittal.

I certify that to the best of my knowledge and belief, this data package is in compliance with the terms and conditions of the Analytical Services Protocol, both technically and for completeness, other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.



John H. Buck, P.E.
Laboratory Director

9-21-00
Date

GC/MS

VOLATILE

SAMPLE DATA SUMMARY

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

EQUIPBLANK

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004206-01B

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 1201012.D

Level: (low/med) LOW Date Received: 04/18/00

% Moisture: not dec. Date Analyzed: 04/19/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

EQUIPBLANK

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004206-01B

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 1201012.D

Level: (low/med) LOW Date Received: 04/18/00

% Moisture: not dec. Data Analyzed: 04/19/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

EXPPATHWAYDO

Lab Name: Buck Environmental Labs Contract: _____

Lab Code: 10795 Case No.: _____ SAS No.: _____ SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004132-02B

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 1401014.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: not dec. _____ Date Analyzed: 04/19/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

EXPPATHWAYDO

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004132-02B

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 1401014.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: not dec. _____ Data Analyzed: 04/19/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1. _____	_____	_____	_____	_____
2. _____	_____	_____	_____	_____
3. _____	_____	_____	_____	_____
4. _____	_____	_____	_____	_____
5. _____	_____	_____	_____	_____
6. _____	_____	_____	_____	_____
7. _____	_____	_____	_____	_____
8. _____	_____	_____	_____	_____
9. _____	_____	_____	_____	_____
10. _____	_____	_____	_____	_____
11. _____	_____	_____	_____	_____
12. _____	_____	_____	_____	_____
13. _____	_____	_____	_____	_____
14. _____	_____	_____	_____	_____
15. _____	_____	_____	_____	_____
16. _____	_____	_____	_____	_____
17. _____	_____	_____	_____	_____
18. _____	_____	_____	_____	_____
19. _____	_____	_____	_____	_____
20. _____	_____	_____	_____	_____
21. _____	_____	_____	_____	_____
22. _____	_____	_____	_____	_____
23. _____	_____	_____	_____	_____
24. _____	_____	_____	_____	_____
25. _____	_____	_____	_____	_____
26. _____	_____	_____	_____	_____
27. _____	_____	_____	_____	_____
28. _____	_____	_____	_____	_____
29. _____	_____	_____	_____	_____
30. _____	_____	_____	_____	_____

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

EXPPATHWAYUP

Lab Name: Buck Environmental Labs Contract: _____

Lab Code: 10795 Case No.: _____ SAS No.: _____ SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004132-03B

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 1301013.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: not dec. _____ Date Analyzed: 04/19/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

EXPPATHWAYUP

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004132-03B

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 1301013.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: not dec. _____ Data Analyzed: 04/19/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1. _____	_____	_____	_____	_____
2. _____	_____	_____	_____	_____
3. _____	_____	_____	_____	_____
4. _____	_____	_____	_____	_____
5. _____	_____	_____	_____	_____
6. _____	_____	_____	_____	_____
7. _____	_____	_____	_____	_____
8. _____	_____	_____	_____	_____
9. _____	_____	_____	_____	_____
10. _____	_____	_____	_____	_____
11. _____	_____	_____	_____	_____
12. _____	_____	_____	_____	_____
13. _____	_____	_____	_____	_____
14. _____	_____	_____	_____	_____
15. _____	_____	_____	_____	_____
16. _____	_____	_____	_____	_____
17. _____	_____	_____	_____	_____
18. _____	_____	_____	_____	_____
19. _____	_____	_____	_____	_____
20. _____	_____	_____	_____	_____
21. _____	_____	_____	_____	_____
22. _____	_____	_____	_____	_____
23. _____	_____	_____	_____	_____
24. _____	_____	_____	_____	_____
25. _____	_____	_____	_____	_____
26. _____	_____	_____	_____	_____
27. _____	_____	_____	_____	_____
28. _____	_____	_____	_____	_____
29. _____	_____	_____	_____	_____
30. _____	_____	_____	_____	_____

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-1

Lab Name: Buck Environmental Labs Contract: _____

Lab Code: 10795 Case No.: _____ SAS No.: _____ SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004206-02B

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 1601016.D

Level: (low/med) LOW Date Received: 04/18/00

% Moisture: not dec. _____ Date Analyzed: 04/19/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

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	10	U
67-64-1	Acetone	15	
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	71	
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	13	
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	58	
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	36	

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

MW-1

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004206-02B

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 1601016.D

Level: (low/med) LOW Date Received: 04/18/00

% Moisture: not dec. Data Analyzed: 04/19/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Number TICs found: 24 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	3.515	10	J
2. 0-00-0	CYCLOHEXENE, 1,3-DIMETHYL-	6.794	79	NJ
3. 56324-66-4	Cyclopentane, 2-ethylidene-1	7.813	8	NJ
4.	Unknown	8.107	6	J
5. 55308-20-8	Cycloheptene, methyl-	8.222	8	NJ
6. 98-82-8	Benzene, (1-methylethyl)-	9.960	78	NJ
7.	Unknown	10.083	6	J
8. 103-65-1	Benzene, propyl-	10.752	10	NJ
9. 620-14-4	Benzene, 1-ethyl-3-methyl-	10.973	12	NJ
10. 622-96-8	Benzene, 1-ethyl-4-methyl-	11.405	64	NJ
11.	Trimethylbenzene Isomer	11.772	10	J
12. 99-87-6	Benzene, 1-methyl-4-(1-methyl)	12.343	7	NJ
13.	Trimethylbenzene Isomer	12.474	43	J
14. 496-11-7	1H-Indene, 2,3-dihydro-	12.735	333	NJ
15. 141-93-5	Benzene, 1,3-diethyl-	12.997	49	NJ
16. 95-13-6	1H-Indene	13.136	50	NJ
17. 767-58-8	1H-Indene, 2,3-dihydro-1-met	13.854	22	NJ
18. 4218-48-8	Benzene, 1-ethyl-4-(1-methyl)	14.156	11	NJ
19. 17059-52-8	Benzofuran, 7-methyl-	14.344	27	NJ
20.	Tetramethylbenzene Isomer	14.573	20	J
21. 874-35-1	1H-Indene, 2,3-dihydro-5-met	14.998	17	NJ
22. 3454-07-7	Benzene, 1-ethenyl-4-ethyl-	15.259	30	NJ
23. 767-59-9	1H-Indene, 1-methyl-	15.357	14	NJ
24. 767-59-9	1H-Indene, 1-methyl-	15.553	16	NJ
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-3

Lab Name: Buck Environmental Labs Contract: _____

Lab Code: 10795 Case No.: _____ SAS No.: _____ SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004245-01A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 0401004.D

Level: (low/med) LOW Date Received: 04/19/00

% Moisture: not dec. _____ Date Analyzed: 04/26/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

MW-3

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004245-01A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 0401004.D

Level: (low/med) LOW Date Received: 04/19/00

% Moisture: not dec. Data Analyzed: 04/26/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-4

Lab Name: Buck Environmental Labs Contract: _____

Lab Code: 10795 Case No.: _____ SAS No.: _____ SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004206-04B

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 1701017.D

Level: (low/med) LOW Date Received: 04/18/00

% Moisture: not dec. _____ Date Analyzed: 04/20/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

MW-4

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004206-04B

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 1701017.D

Level: (low/med) LOW Date Received: 04/18/00

% Moisture: not dec. Data Analyzed: 04/20/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-2AQ

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004132-01B

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 1501015.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: not dec. Date Analyzed: 04/19/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

TP-2AQ

Lab Name: Buck Environmental Labs

Contract:

Lab Code: 10795

Case No.:

SAS No.:

SDG No.: BEL0006

Matrix: (soil/water) WATER

Lab Sample ID: 0004132-01B

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: 1501015.D

Level: (low/med) LOW

Date Received: 04/12/00

% Moisture: not dec. _____

Data Analyzed: 04/19/00

GC Column: J&W DB-624 ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1. _____	_____	_____	_____	_____
2. _____	_____	_____	_____	_____
3. _____	_____	_____	_____	_____
4. _____	_____	_____	_____	_____
5. _____	_____	_____	_____	_____
6. _____	_____	_____	_____	_____
7. _____	_____	_____	_____	_____
8. _____	_____	_____	_____	_____
9. _____	_____	_____	_____	_____
10. _____	_____	_____	_____	_____
11. _____	_____	_____	_____	_____
12. _____	_____	_____	_____	_____
13. _____	_____	_____	_____	_____
14. _____	_____	_____	_____	_____
15. _____	_____	_____	_____	_____
16. _____	_____	_____	_____	_____
17. _____	_____	_____	_____	_____
18. _____	_____	_____	_____	_____
19. _____	_____	_____	_____	_____
20. _____	_____	_____	_____	_____
21. _____	_____	_____	_____	_____
22. _____	_____	_____	_____	_____
23. _____	_____	_____	_____	_____
24. _____	_____	_____	_____	_____
25. _____	_____	_____	_____	_____
26. _____	_____	_____	_____	_____
27. _____	_____	_____	_____	_____
28. _____	_____	_____	_____	_____
29. _____	_____	_____	_____	_____
30. _____	_____	_____	_____	_____

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TRIPBLANK413

Lab Name: Buck Environmental Labs Contract: _____

Lab Code: 10795 Case No.: _____ SAS No.: _____ SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004132-04A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 0901009.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: not dec. _____ Date Analyzed: 04/19/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

TRIPBLANK413

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004132-04A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 0901009.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: not dec. Data Analyzed: 04/19/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TRIPBLANK418

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004180-09A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 1001010.D

Level: (low/med) LOW Date Received: 04/15/00

% Moisture: not dec. Date Analyzed: 04/19/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

TRIPBLANK418

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004180-09A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 1001010.D

Level: (low/med) LOW Date Received: 04/15/00

% Moisture: not dec. Data Analyzed: 04/19/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TRIPBLANK420

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004206-09A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 1101011.D

Level: (low/med) LOW Date Received: 04/18/00

% Moisture: not dec. Date Analyzed: 04/19/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

TRIPBLANK420

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004206-09A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 1101011.D

Level: (low/med) LOW Date Received: 04/18/00

% Moisture: not dec. _____ Data Analyzed: 04/19/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-4 [6-8]

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004180-12A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 0501005.D

Level: (low/med) LOW Date Received: 04/15/00

% Moisture: not dec. 24.4 Date Analyzed: 04/24/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

MW-4 [6-8]

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004180-12A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 0501005.D

Level: (low/med) LOW Date Received: 04/15/00

% Moisture: not dec. 24.4 Data Analyzed: 04/24/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1. _____	_____	_____	_____	_____
2. _____	_____	_____	_____	_____
3. _____	_____	_____	_____	_____
4. _____	_____	_____	_____	_____
5. _____	_____	_____	_____	_____
6. _____	_____	_____	_____	_____
7. _____	_____	_____	_____	_____
8. _____	_____	_____	_____	_____
9. _____	_____	_____	_____	_____
10. _____	_____	_____	_____	_____
11. _____	_____	_____	_____	_____
12. _____	_____	_____	_____	_____
13. _____	_____	_____	_____	_____
14. _____	_____	_____	_____	_____
15. _____	_____	_____	_____	_____
16. _____	_____	_____	_____	_____
17. _____	_____	_____	_____	_____
18. _____	_____	_____	_____	_____
19. _____	_____	_____	_____	_____
20. _____	_____	_____	_____	_____
21. _____	_____	_____	_____	_____
22. _____	_____	_____	_____	_____
23. _____	_____	_____	_____	_____
24. _____	_____	_____	_____	_____
25. _____	_____	_____	_____	_____
26. _____	_____	_____	_____	_____
27. _____	_____	_____	_____	_____
28. _____	_____	_____	_____	_____
29. _____	_____	_____	_____	_____
30. _____	_____	_____	_____	_____

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-3 [6-8] 3H
6.8

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004180-06A

Sample wt/vol: 5.2 (g/mL) G Lab File ID: 1101011.D

Level: (low/med) LOW Date Received: 04/15/00

% Moisture: not dec. 14.3 Date Analyzed: 04/21/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

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	4	J
67-64-1-----	Acetone	12	
75-15-0-----	Carbon Disulfide	11	U
75-35-4-----	1,1-Dichloroethene	11	U
75-34-3-----	1,1-Dichloroethane	11	U
540-59-0-----	1,2-Dichloroethene (total)	11	U
67-66-3-----	Chloroform	11	U
107-06-2-----	1,2-Dichloroethane	11	U
78-93-3-----	2-Butanone	11	U
71-55-6-----	1,1,1-Trichloroethane	11	U
56-23-5-----	Carbon Tetrachloride	11	U
75-27-4-----	Bromodichloromethane	11	U
78-87-5-----	1,2-Dichloropropane	11	U
10061-01-5-----	cis-1,3-Dichloropropene	11	U
79-01-6-----	Trichloroethene	11	U
124-48-1-----	Dibromochloromethane	11	U
79-00-5-----	1,1,2-Trichloroethane	11	U
71-43-2-----	Benzene	11	U
10061-02-6-----	trans-1,3-Dichloropropene	11	U
75-25-2-----	Bromoform	11	U
108-10-1-----	4-Methyl-2-pentanone	11	U
591-78-6-----	2-Hexanone	11	U
127-18-4-----	Tetrachloroethene	11	U
79-34-5-----	1,1,2,2-Tetrachloroethane	11	U
108-88-3-----	Toluene	11	U
108-90-7-----	Chlorobenzene	11	U
100-41-4-----	Ethylbenzene	11	U
100-42-5-----	Styrene	11	U
1330-20-7-----	Xylene (total)	11	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

SB-3 [6-8] JH
6.8

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004180-06A

Sample wt/vol: 5.2 (g/mL) G Lab File ID: 1101011.D

Level: (low/med) LOW Date Received: 04/15/00

% Moisture: not dec. 14.3 Data Analyzed: 04/21/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 590-86-3	Butanal, 3-methyl-	1.409	3	NJ
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-4 [20-22]

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004180-08A

Sample wt/vol: 5.3 (g/mL) G Lab File ID: 1201012.D

Level: (low/med) LOW Date Received: 04/15/00

% Moisture: not dec. 23.3 Date Analyzed: 04/21/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

SB-4 [20-22]

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004180-08A

Sample wt/vol: 5.3 (g/mL) G Lab File ID: 1201012.D

Level: (low/med) LOW Date Received: 04/15/00

% Moisture: not dec. 23.3 Data Analyzed: 04/21/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 3

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 71-23-8	1-Propanol	1.417	13	NJ
2. 110-54-3	Hexane	1.417	13	NJ
3. 80-56-8	.ALPHA.-PINENE, (-) -	9.883	20	NJ
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-5

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004180-10A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 0401004.D

Level: (low/med) LOW Date Received: 04/15/00

% Moisture: not dec. 26.7 Date Analyzed: 04/24/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

SB-5

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004180-10A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 0401004.D

Level: (low/med) LOW Date Received: 04/15/00

% Moisture: not dec. 26.7 Data Analyzed: 04/24/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.	Unknown	13.166	11	J
2.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-1

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004131-04B

Sample wt/vol: 5.1 (g/mL) G Lab File ID: 0801008.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: not dec. 36.8 Date Analyzed: 04/21/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	-----Chloromethane	16	U
74-83-9	-----Bromomethane	16	U
75-01-4	-----Vinyl Chloride	16	U
75-00-3	-----Chloroethane	16	U
75-09-2	-----Methylene Chloride	4	J
67-64-1	-----Acetone	16	U
75-15-0	-----Carbon Disulfide	16	U
75-35-4	-----1,1-Dichloroethene	16	U
75-34-3	-----1,1-Dichloroethane	16	U
540-59-0	-----1,2-Dichloroethene (total)	16	U
67-66-3	-----Chloroform	16	U
107-06-2	-----1,2-Dichloroethane	16	U
78-93-3	-----2-Butanone	16	U
71-55-6	-----1,1,1-Trichloroethane	4	J
56-23-5	-----Carbon Tetrachloride	16	U
75-27-4	-----Bromodichloromethane	16	U
78-87-5	-----1,2-Dichloropropane	16	U
10061-01-5	-----cis-1,3-Dichloropropene	16	U
79-01-6	-----Trichloroethene	64	
124-48-1	-----Dibromochloromethane	16	U
79-00-5	-----1,1,2-Trichloroethane	16	U
71-43-2	-----Benzene	16	U
10061-02-6	-----trans-1,3-Dichloropropene	16	U
75-25-2	-----Bromoform	16	U
108-10-1	-----4-Methyl-2-pentanone	16	U
591-78-6	-----2-Hexanone	16	U
127-18-4	-----Tetrachloroethene	56	
79-34-5	-----1,1,2,2-Tetrachloroethane	16	U
108-88-3	-----Toluene	5	J
108-90-7	-----Chlorobenzene	16	U
100-41-4	-----Ethylbenzene	16	U
100-42-5	-----Styrene	16	U
1330-20-7	-----Xylene (total)	16	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

TP-1

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004131-04B

Sample wt/vol: 5.1 (g/mL) G Lab File ID: 0801008.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: not dec. 36.8 Data Analyzed: 04/21/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1. 109-99-9	Furan, tetrahydro-	2.053	44	NJ
2.				
3.				
4.				
5.				
6.				
7.				
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30.				

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-2

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004131-05B

Sample wt/vol: 5.2 (g/mL) G Lab File ID: 1001010.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: not dec. 29.3 Date Analyzed: 04/20/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

TP-2

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004131-05B

Sample wt/vol: 5.2 (g/mL) G Lab File ID: 1001010.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: not dec. 29.3 Data Analyzed: 04/20/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1. _____	_____	_____	_____	_____
2. _____	_____	_____	_____	_____
3. _____	_____	_____	_____	_____
4. _____	_____	_____	_____	_____
5. _____	_____	_____	_____	_____
6. _____	_____	_____	_____	_____
7. _____	_____	_____	_____	_____
8. _____	_____	_____	_____	_____
9. _____	_____	_____	_____	_____
10. _____	_____	_____	_____	_____
11. _____	_____	_____	_____	_____
12. _____	_____	_____	_____	_____
13. _____	_____	_____	_____	_____
14. _____	_____	_____	_____	_____
15. _____	_____	_____	_____	_____
16. _____	_____	_____	_____	_____
17. _____	_____	_____	_____	_____
18. _____	_____	_____	_____	_____
19. _____	_____	_____	_____	_____
20. _____	_____	_____	_____	_____
21. _____	_____	_____	_____	_____
22. _____	_____	_____	_____	_____
23. _____	_____	_____	_____	_____
24. _____	_____	_____	_____	_____
25. _____	_____	_____	_____	_____
26. _____	_____	_____	_____	_____
27. _____	_____	_____	_____	_____
28. _____	_____	_____	_____	_____
29. _____	_____	_____	_____	_____
30. _____	_____	_____	_____	_____

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-3

Lab Name: Buck Environmental Labs Contract: _____

Lab Code: 10795 Case No.: _____ SAS No.: _____ SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004131-06B

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 1101011.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: not dec. 20.2 Date Analyzed: 04/20/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

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

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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

TP-3

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004131-06B

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 1101011.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: not dec. 20.2 Data Analyzed: 04/20/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-4

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004131-10B

Sample wt/vol: 5.2 (g/mL) G Lab File ID: 0901009.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: not dec. 30.2 Date Analyzed: 04/21/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

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

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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

TP-4

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004131-10B

Sample wt/vol: 5.2 (g/mL) G Lab File ID: 0901009.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: not dec. 30.2 Data Analyzed: 04/21/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1. _____	_____	_____	_____	_____
2. _____	_____	_____	_____	_____
3. _____	_____	_____	_____	_____
4. _____	_____	_____	_____	_____
5. _____	_____	_____	_____	_____
6. _____	_____	_____	_____	_____
7. _____	_____	_____	_____	_____
8. _____	_____	_____	_____	_____
9. _____	_____	_____	_____	_____
10. _____	_____	_____	_____	_____
11. _____	_____	_____	_____	_____
12. _____	_____	_____	_____	_____
13. _____	_____	_____	_____	_____
14. _____	_____	_____	_____	_____
15. _____	_____	_____	_____	_____
16. _____	_____	_____	_____	_____
17. _____	_____	_____	_____	_____
18. _____	_____	_____	_____	_____
19. _____	_____	_____	_____	_____
20. _____	_____	_____	_____	_____
21. _____	_____	_____	_____	_____
22. _____	_____	_____	_____	_____
23. _____	_____	_____	_____	_____
24. _____	_____	_____	_____	_____
25. _____	_____	_____	_____	_____
26. _____	_____	_____	_____	_____
27. _____	_____	_____	_____	_____
28. _____	_____	_____	_____	_____
29. _____	_____	_____	_____	_____
30. _____	_____	_____	_____	_____

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-5

Lab Name: Buck Environmental Labs

Contract:

Lab Code: 10795

Case No.:

SAS No.:

SDG No.: BEL0006

Matrix: (soil/water) SOIL

Lab Sample ID: 0004131-11B

Sample wt/vol: 5.2 (g/mL) G

Lab File ID: 1001010.D

Level: (low/med) LOW

Date Received: 04/12/00

% Moisture: not dec. 4.2

Date Analyzed: 04/21/00

GC Column: J&W DB-624 ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

TP-5

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004131-11B

Sample wt/vol: 5.2 (g/mL) G Lab File ID: 1001010.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: not dec. 4.2 Data Analyzed: 04/21/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1. _____	_____	_____	_____	_____
2. _____	_____	_____	_____	_____
3. _____	_____	_____	_____	_____
4. _____	_____	_____	_____	_____
5. _____	_____	_____	_____	_____
6. _____	_____	_____	_____	_____
7. _____	_____	_____	_____	_____
8. _____	_____	_____	_____	_____
9. _____	_____	_____	_____	_____
10. _____	_____	_____	_____	_____
11. _____	_____	_____	_____	_____
12. _____	_____	_____	_____	_____
13. _____	_____	_____	_____	_____
14. _____	_____	_____	_____	_____
15. _____	_____	_____	_____	_____
16. _____	_____	_____	_____	_____
17. _____	_____	_____	_____	_____
18. _____	_____	_____	_____	_____
19. _____	_____	_____	_____	_____
20. _____	_____	_____	_____	_____
21. _____	_____	_____	_____	_____
22. _____	_____	_____	_____	_____
23. _____	_____	_____	_____	_____
24. _____	_____	_____	_____	_____
25. _____	_____	_____	_____	_____
26. _____	_____	_____	_____	_____
27. _____	_____	_____	_____	_____
28. _____	_____	_____	_____	_____
29. _____	_____	_____	_____	_____
30. _____	_____	_____	_____	_____

2A
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

	NYSDEC SAMPLE NO.	SMC1 (TOL) #	SMC2 (BFB) #	SMC3 (DCE) #	OTHER	TOT OUT
	=====	=====	=====	=====	=====	=====
01	VBLK01	90	93	94		0
02	HOLDBLANK	90	90	91		0
03	TRIPBLANK413	89	89	93		0
04	TRIPBLANK418	89	90	92		0
05	TRIPBLANK420	90	89	95		0
06	EQUIPBLANK	90	91	94		0
07	EXPPATHWAYUP	89	89	94		0
08	EXPPATHWAYDO	89	88	93		0
09	TP-2AQ	94	99	96		0
10	MW-1	92	105	94		0
11	MW-4	95	99	99		0
12	MW-4MS	96	98	98		0
13	MW-4MSD	96	96	97		0
14	MBS01	90	97	100		0
15	VBLK05	90	101	98		0
16	MW-3	92	101	96		0
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

QC LIMITS

SMC1 (TOL) = Toluene-D8 (88-110)

SMC2 (BFB) = 4-Bromofluorobenzene (86-115)

SMC3 (DCE) = 1,2-Dichloroethane-d4 (76-114)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

2B
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: Buck Environmental Labs Contract:
 Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006
 Level: (low/med) LOW

	NYSDEC SAMPLE NO.	SMC1 (TOL) #	SMC2 (BFB) #	SMC3 (DCE) #	OTHER	TOT OUT
	=====	=====	=====	=====	=====	=====
01	VBLK02	87	99	97		0
02	TP-2	115	61	105		0
03	TP-3	101	76	97		0
04	TP-3MS	109	68	97		0
05	TP-3MSD	110	66	101		0
06	VBLK03	87	104	99		0
07	TP-1	93	63	105		0
08	TP-4	94	65	98		0
09	TP-5	91	100	99		0
10	SB-3 (6-8)	101	92	98		0
11	SB-4 (20-22)	100	87	96		0
12	VBLK04	89	104	95		0
13	SB-5	99	92	93		0
14	MW-4 (6-8)	114	82	101		0
15	MBS02	92	101	95		0
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QC LIMITS

SMC1 (TOL) = Toluene-D8 (84-138)
 SMC2 (BFB) = 4-Bromofluorobenzene (59-113)
 SMC3 (DCE) = 1,2-Dichloroethane-d4 (70-121)

Column to be used to flag recovery values
 * Values outside of contract required QC limits
 D System Monitoring Compound diluted out

3A
WATER VOLATILE BLANK SPIKE RECOVERY

Lab Name: Buck Environmental Labs Contract:
 Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006
 Blank Spike - NYSDEC Sample No.: MBS01

COMPOUND	SPIKE ADDED (ug/L)	BLANK CONCENTRATION (ug/L)	MBS CONCENTRATION (ug/L)	MBS % REC #	QC. LIMITS REC.
=====	=====	=====	=====	=====	=====
1,1-Dichloroethene	50	0	46	92	61-145
Trichloroethene	50	0	49	98	71-120
Benzene	50	0	50	100	76-127
Toluene	50	0	49	98	76-125
Chlorobenzene	50	0	50	99	75-130

Column to be used to flag recovery with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 5 outside limits

COMMENTS:

3A
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Buck Environmental Labs Contract:
 Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006
 Matrix Spike - NYSDEC Sample No.: MW-4

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	50	0	50	99	61-145
Trichloroethene	50	0	46	92	71-120
Benzene	50	0	50	101	76-127
Toluene	50	0	51	102	76-125
Chlorobenzene	50	0	50	100	75-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
1,1-Dichloroethene	50	50	100	1	14	61-145
Trichloroethene	50	48	95	3	14	71-120
Benzene	50	53	106	5	11	76-127
Toluene	50	52	104	2	13	76-125
Chlorobenzene	50	51	101	1	13	75-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits

Spike Recovery: 0 out of 10 outside limits

COMMENTS:

3B
SOIL VOLATILE BLANK SPIKE RECOVERY

Lab Name: Buck Environmental Labs Contract:
Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006
Blank Spike - NYSDEC Sample No.: MBS02 Level(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	BLANK CONCENTRATION (ug/Kg)	MBS CONCENTRATION (ug/Kg)	MBS % REC #	QC. LIMITS REC.
=====	=====	=====	=====	=====	=====
1,1-Dichloroethene	50	0	49	99	59-172
Trichloroethene	50	0	53	106	62-137
Benzene	50	0	53	105	66-142
Toluene	50	0	54	108	59-139
Chlorobenzene	50	0	55	110	60-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits

Spike Recovery: 0 out of 5 outside limits

COMMENTS: _____

3B
SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Buck Environmental Labs Contract:
 Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006
 Matrix Spike - NYSDEC Sample No.: TP-3 Level(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
=====	=====	=====	=====	=====	=====
1,1-Dichloroethene	69	0	76	109	59-172
Trichloroethene	69	0	62	89	62-137
Benzene	69	0	70	100	66-142
Toluene	69	0	86	124	59-139
Chlorobenzene	69	0	67	97	60-130

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
=====	=====	=====	=====	=====	=====	=====
1,1-Dichloroethene	65	75	115	5	22	59-172
Trichloroethene	65	60	92	3	24	62-137
Benzene	65	70	107	7	21	66-142
Toluene	65	85	130	5	21	59-139
Chlorobenzene	65	65	101	4	21	60-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits

Spike Recovery: 0 out of 10 outside limits

COMMENTS:

4A
VOLATILE METHOD BLANK SUMMARY

NYSDEC SAMPLE NO.

VBLK01

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Lab File ID: 0701007.D Lab Sample ID: METHODBLANK

Date Analyzed: 04/19/00 Time Analyzed: 1811

GC Column: J&W DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: MSD2

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
	=====	=====	=====	=====
01	HOLDBLANK	REFBLANK3-24-0	0801008.D	1846
02	TRIPBLANK413	0004132-04A	0901009.D	1921
03	TRIPBLANK418	0004180-09A	1001010.D	1956
04	TRIPBLANK420	0004206-09A	1101011.D	2031
05	EQUIPBLANK	0004206-01B	1201012.D	2107
06	EXPPATHWAYUP	0004132-03B	1301013.D	2142
07	EXPPATHWAYDO	0004132-02B	1401014.D	2218
08	TP-2AQ	0004132-01B	1501015.D	2253
09	MW-1	0004206-02B	1601016.D	2328
10	MW-4	0004206-04B	1701017.D	0003
11	MW-4MS	0004206-05B	1801018.D	0038
12	MW-4MSD	0004206-06B	1901019.D	0113
13	MBS01	BLANKSPIKE	2001020.D	0148
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COMMENTS:

4A
VOLATILE METHOD BLANK SUMMARY

NYSDEC SAMPLE NO.

VBLK02

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Lab File ID: 0701007.D Lab Sample ID: METHODBLANK

Date Analyzed: 04/20/00 Time Analyzed: 1310

GC Column: J&W DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: MSD2

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
	=====	=====	=====	=====
01	TP-2	0004131-05B	1001010.D	1455
02	TP-3	0004131-06B	1101011.D	1531
03	TP-3MS	0004131-07A	1201012.D	1606
04	TP-3MSD	0004131-08A	1301013.D	1641
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COMMENTS:

4A
VOLATILE METHOD BLANK SUMMARY

NYSDEC SAMPLE NO.

VBLK03

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Lab File ID: 0301003.D Lab Sample ID: METHODBLANK

Date Analyzed: 04/21/00 Time Analyzed: 0940

GC Column: J&W DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: MSD2

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
	=====	=====	=====	=====
01	TP-1	0004131-04B	0801008.D	1233
02	TP-4	0004131-10B	0901009.D	1440
03	TP-5	0004131-11B	1001010.D	1513
04	SB-3 (6-8)	0004180-06A	1101011.D	1547
05	SB-4 (20-22)	0004180-08A	1201012.D	1622
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COMMENTS:

4A
VOLATILE METHOD BLANK SUMMARY

NYSDEC SAMPLE NO.

VBLK04

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Lab File ID: 0201002.D Lab Sample ID: METHODBLANK

Date Analyzed: 04/24/00 Time Analyzed: 0931

GC Column:J&W DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: MSD2

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
	=====	=====	=====	=====
01	SB-5	0004180-10A	0401004.D	1040
02	MW-4 (6-8)	0004180-12A	0501005.D	1116
03	MBS02	BLANKSPIKE	0601006.D	1151
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COMMENTS:

4A
VOLATILE METHOD BLANK SUMMARY

NYSDEC SAMPLE NO.

VBK05

Lab Name: Buck Environmental Labs Contract:
 Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006
 Lab File ID: 0201002.D Lab Sample ID: METHODBLANK
 Date Analyzed: 04/26/00 Time Analyzed: 1645
 GC Column: J&W DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N
 Instrument ID: MSD2

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
	=====	=====	=====	=====
01	MW-3	0004245-01A	0401004.D	1553
02				
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COMMENTS:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

VBK01

Lab Name: Buck Environmental Labs Contract: _____

Lab Code: 10795 Case No.: _____ SAS No.: _____ SDG No.: BEL0006

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

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 0701007.D

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

% Moisture: not dec. _____ Date Analyzed: 04/19/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

VBK01

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

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

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 0701007.D

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

% Moisture: not dec. Data Analyzed: 04/19/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

VBK02

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

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

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 0701007.D

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

% Moisture: not dec. 0.0 Date Analyzed: 04/20/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

VBLK02

Lab Name: Buck Environmental Labs

Contract:

Lab Code: 10795

Case No.:

SAS No.:

SDG No.: BEL0006

Matrix: (soil/water) SOIL

Lab Sample ID: METHODBLANK

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: 0701007.D

Level: (low/med) LOW

Date Received: / /

% Moisture: not dec. 0.0

Data Analyzed: 04/20/00

GC Column: J&W DB-624 ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

VBK03

Lab Name: Buck Environmental Labs Contract: _____

Lab Code: 10795 Case No.: _____ SAS No.: _____ SDG No.: BEL0006

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

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 0301003.D

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

% Moisture: not dec. 0.0 Date Analyzed: 04/21/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

VBLK03

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

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

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 0301003.D

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

% Moisture: not dec. 0.0 Data Analyzed: 04/21/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1. _____	_____	_____	_____	_____
2. _____	_____	_____	_____	_____
3. _____	_____	_____	_____	_____
4. _____	_____	_____	_____	_____
5. _____	_____	_____	_____	_____
6. _____	_____	_____	_____	_____
7. _____	_____	_____	_____	_____
8. _____	_____	_____	_____	_____
9. _____	_____	_____	_____	_____
10. _____	_____	_____	_____	_____
11. _____	_____	_____	_____	_____
12. _____	_____	_____	_____	_____
13. _____	_____	_____	_____	_____
14. _____	_____	_____	_____	_____
15. _____	_____	_____	_____	_____
16. _____	_____	_____	_____	_____
17. _____	_____	_____	_____	_____
18. _____	_____	_____	_____	_____
19. _____	_____	_____	_____	_____
20. _____	_____	_____	_____	_____
21. _____	_____	_____	_____	_____
22. _____	_____	_____	_____	_____
23. _____	_____	_____	_____	_____
24. _____	_____	_____	_____	_____
25. _____	_____	_____	_____	_____
26. _____	_____	_____	_____	_____
27. _____	_____	_____	_____	_____
28. _____	_____	_____	_____	_____
29. _____	_____	_____	_____	_____
30. _____	_____	_____	_____	_____

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

VBLK04

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

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

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 0201002.D

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

% Moisture: not dec. 0.0 Date Analyzed: 04/24/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

VBK04

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

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

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 0201002.D

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

% Moisture: not dec. 0.0 Data Analyzed: 04/24/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

VBK05

Lab Name: Buck Environmental Labs Contract: _____

Lab Code: 10795 Case No.: _____ SAS No.: _____ SDG No.: BEL0006

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

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 0201002.D

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

% Moisture: not dec. _____ Date Analyzed: 04/26/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

VBLK05

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

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

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 0201002.D

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

% Moisture: not dec. Data Analyzed: 04/26/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Number TICs found: 0
CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Buck Environmental Labs Contract:
 Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006
 Lab File ID (Standard): 0301003.D Date Analyzed: 04/19/00
 Instrument ID: MSD2 Time Analyzed: 1552
 GC Column: J&W DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 (BCM) AREA #	RT #	IS2 (DFB) AREA #	RT #	IS3 (CBZ) AREA #	RT #
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	651243	1.95	3661498	3.00	3242968	7.93
UPPER LIMIT	1302486	2.45	7322996	3.50	6485936	8.43
LOWER LIMIT	325622	1.45	1830749	2.50	1621484	7.43
=====	=====	=====	=====	=====	=====	=====
NYSDEC SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 VBLK01	650739	1.98	3471819	3.05	2985101	8.02
02 HOLDBLANK	506628	1.99	2595500	3.05	2230201	8.03
03 TRIPBLANK413	640238	1.98	3337933	3.05	2867293	8.01
04 TRIPBLANK418	653122	1.98	3398561	3.05	2916711	8.02
05 TRIPBLANK420	652037	1.98	3339047	3.05	2834235	8.02
06 EQUIPBLANK	640000	1.98	3342285	3.05	2857487	8.01
07 EXPPATHWAYUP	640892	1.98	3344800	3.05	2844024	8.02
08 EXPPATHWAYDO	627753	1.98	3217516	3.05	2732963	8.02
09 TP-2AQ	606895	1.98	3101508	3.05	2458546	8.02
10 MW-1	632124	1.98	3398341	3.02	2879202	7.95
11 MW-4	527825	1.98	2864630	3.04	2300793	7.99
12 MW-4MS	519389	1.98	2924044	3.03	2308043	7.97
13 MW-4MSD	532009	1.98	2898459	3.02	2329124	7.97
14 MBS01	583762	1.97	3098708	3.01	2651185	7.97
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IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = + 0.50 minutes of internal standard RT
 RT LOWER LIMIT = 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Buck Environmental Labs Contract:
 Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006
 Lab File ID (Standard): 0401004.D Date Analyzed: 04/20/00
 Instrument ID: MSD2 Time Analyzed: 1126
 GC Column: J&W DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS1 (BCM)		IS2 (DFB)		IS3 (CBZ)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	647582	1.95	3385936	3.00	2883723	7.95
UPPER LIMIT	1295164	2.45	6771872	3.50	5767446	8.45
LOWER LIMIT	323791	1.45	1692968	2.50	1441862	7.45
=====	=====	=====	=====	=====	=====	=====
NYSDEC						
SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 VBLK02	666405	1.97	3371089	3.03	2773861	7.99
02 TP-2	408068	1.98	2833458	3.05	1518999	8.03
03 TP-3	519749	1.98	2975530	3.04	1908410	8.02
04 TP-3MS	540653	1.98	3046323	3.04	1793505	7.99
05 TP-3MSD	474361	1.98	2746477	3.03	1606012	7.99
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IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = + 0.50 minutes of internal standard RT
 RT LOWER LIMIT = 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Buck Environmental Labs Contract:
 Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006
 Lab File ID (Standard): 0201002.D Date Analyzed: 04/21/00
 Instrument ID: MSD2 Time Analyzed: 0846
 GC Column: J&W DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS1 (BCM)		IS2 (DFB)		IS3 (CBZ)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	635429	1.96	3357813	3.01	2862288	7.96
UPPER LIMIT	1270858	2.46	6715626	3.51	5724576	8.46
LOWER LIMIT	317714	1.46	1678906	2.51	1431144	7.46
=====	=====	=====	=====	=====	=====	=====
NYSDEC						
SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 VBLK03	612035	2.00	3016836	3.07	2534482	8.04
02 TP-1	376125	1.99	2296363	3.05	1459878	8.06
03 TP-4	462953	2.00	2491313	3.06	1517985	8.05
04 TP-5	600625	1.99	3292109	3.06	2645992	8.02
05 SB-3 (6-8)	561661	2.00	2990978	3.05	1994963	8.01
06 SB-4 (20-22)	609231	2.00	3375307	3.06	2396910	8.02
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IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = + 0.50 minutes of internal standard RT
 RT LOWER LIMIT = 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Buck Environmental Labs Contract:
 Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006
 Lab File ID (Standard): 0101001.D Date Analyzed: 04/24/00
 Instrument ID: MSD2 Time Analyzed: 0856
 GC Column: J&W DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS1 (BCM)		IS2 (DFB)		IS3 (CBZ)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	212217	1.97	1231425	3.02	1125204	7.96
UPPER LIMIT	424434	2.47	2462850	3.52	2250408	8.46
LOWER LIMIT	106108	1.47	615712	2.52	562602	7.46
=====	=====	=====	=====	=====	=====	=====
NYSDEC						
SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 VBLK04	198088	1.99	1114845	3.06	1012385	8.03
02 SB-5	170427	1.98	1023501	3.04	815945	8.02
03 MW-4 (6-8)	178407	1.98	1241383	3.04	863652	8.01
04 MBS02	227362	1.96	1274962	3.00	1149287	7.97
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IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = + 0.50 minutes of internal standard RT
 RT LOWER LIMIT = 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Buck Environmental Labs Contract:
 Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006
 Lab File ID (Standard): 0101001.D Date Analyzed: 04/26/00
 Instrument ID: MSD2 Time Analyzed: 1607
 GC Column: J&W DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS1 (BCM)		IS2 (DFB)		IS3 (CBZ)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	256408	1.95	1499566	3.00	1377086	7.95
UPPER LIMIT	512815	2.45	2999131	3.50	2754171	8.45
LOWER LIMIT	128204	1.45	749783	2.50	688543	7.45
=====	=====	=====	=====	=====	=====	=====
NYSDEC						
SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 VBLK05	234038	1.98	1401510	3.04	1307618	7.99
02 MW-3	222473	1.95	1323089	3.00	1222871	8.02
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IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = + 0.50 minutes of internal standard RT
 RT LOWER LIMIT = 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

GC/MS

SEMI-VOLATILE

SAMPLE DATA SUMMARY

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

EQUIPMENTBLA

Lab Name: BUCK ENVIRONMENTAL LABS Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004206-01C

Sample wt/vol: 960 (g/mL) ML Lab File ID: 0901009.D

Level: (low/med) LOW Date Received: 04/18/00

% Moisture: decanted: (Y/N) Date Extracted: 04/21/00

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/11/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2-----	Phenol	10	U
111-44-4-----	bis(-2-Chloroethyl) Ether	10	U
95-57-8-----	2-Chlorophenol	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
95-48-7-----	2-Methylphenol	10	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5-----	4-Methylphenol	10	U
621-64-7-----	N-Nitroso-di-n-propylamine	10	U
67-72-1-----	Hexachloroethane	10	U
98-95-3-----	Nitrobenzene	10	U
78-59-1-----	Isophorone	10	U
88-75-5-----	2-Nitrophenol	10	U
105-67-9-----	2,4-Dimethylphenol	10	U
120-83-2-----	2,4-Dichlorophenol	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
91-20-3-----	Naphthalene	10	U
106-47-8-----	4-Chloroaniline	10	U
87-68-3-----	Hexachlorobutadiene	10	U
111-91-1-----	bis(-2-Chloroethoxy)methane	10	U
59-50-7-----	4-Chloro-3-Methylphenol	10	U
91-57-6-----	2-Methylnaphthalene	10	U
77-47-4-----	Hexachlorocyclopentadiene	10	U
88-06-2-----	2,4,6-Trichlorophenol	10	U
95-95-4-----	2,4,5-Trichlorophenol	26	U
91-58-7-----	2-Chloronaphthalene	10	U
88-74-4-----	2-Nitroaniline	26	U
131-11-3-----	Dimethylphthalate	10	U
208-96-8-----	Acenaphthylene	10	U
606-20-2-----	2,6-Dinitrotoluene	10	U
99-09-2-----	3-Nitroaniline	26	U
83-32-9-----	Acenaphthene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

EQUIPMENTBLA

Lab Name: BUCK ENVIRONMENTAL LABS Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004206-01C

Sample wt/vol: 960 (g/mL) ML Lab File ID: 0901009.D

Level: (low/med) LOW Date Received: 04/18/00

% Moisture: decanted: (Y/N) Date Extracted: 04/21/00

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/11/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5-----	2,4-Dinitrophenol	26	U
100-02-7-----	4-Nitrophenol	26	U
132-64-9-----	Dibenzofuran	10	U
121-14-2-----	2,4-Dinitrotoluene	10	U
84-66-2-----	Diethylphthalate	10	U
7005-72-3-----	4-Chlorophenyl-phenylether	10	U
86-73-7-----	Fluorene	10	U
100-01-6-----	4-Nitroaniline	26	U
534-52-1-----	4,6-Dinitro-2-methylphenol	26	U
86-30-6-----	N-nitrosodiphenylamine (1)	10	U
101-55-3-----	4-Bromophenyl-phenylether	10	U
118-74-1-----	Hexachlorobenzene	10	U
87-86-5-----	Pentachlorophenol	26	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
86-74-8-----	Carbazole	10	U
84-74-2-----	Di-n-butylphthalate	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
85-68-7-----	Butylbenzylphthalate	10	U
91-94-1-----	3,3'-Dichlorobenzidine	10	U
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	10	U
117-84-0-----	Di-n-octylphthalate	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a,h) anthracene	10	U
191-24-2-----	Benzo (g,h,i) perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

EQUIPMENTBLA

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004206-01C

Sample wt/vol: 960 (g/mL) ML Lab File ID: 0901009.D

Level: (low/med) LOW Date Received: 04/18/00

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/21/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/11/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

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

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

EXP_PATH

Lab Name: BUCK ENVIRONMENTAL LABS Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004132-02C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1501015.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: decanted: (Y/N) Date Extracted: 04/12/00

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/11/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

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

108-95-2-----	Phenol	10	U
111-44-4-----	bis(-2-Chloroethyl) Ether	10	U
95-57-8-----	2-Chlorophenol	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
95-48-7-----	2-Methylphenol	10	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5-----	4-Methylphenol	10	U
621-64-7-----	N-Nitroso-di-n-propylamine	10	U
67-72-1-----	Hexachloroethane	10	U
98-95-3-----	Nitrobenzene	10	U
78-59-1-----	Isophorone	10	U
88-75-5-----	2-Nitrophenol	10	U
105-67-9-----	2,4-Dimethyphenol	10	U
120-83-2-----	2,4-Dichlorophenol	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
91-20-3-----	Naphthalene	10	U
106-47-8-----	4-Chloroaniline	10	U
87-68-3-----	Hexachlorobutadiene	10	U
111-91-1-----	bis(-2-Chloroethoxy)methane	10	U
59-50-7-----	4-Chloro-3-Methylphenol	10	U
91-57-6-----	2-Methylnaphthalene	10	U
77-47-4-----	Hexachlorocyclopentadiene	10	U
88-06-2-----	2,4,6-Trichlorophenol	10	U
95-95-4-----	2,4,5-Trichlorphenol	25	U
91-58-7-----	2-Chloronaphthalene	10	U
88-74-4-----	2-Nitroaniline	25	U
131-11-3-----	Dimethylphthalate	10	U
208-96-8-----	Acenaphthylene	10	U
606-20-2-----	2,6-Dinitrotoluene	10	U
99-09-2-----	3-Nitroaniline	25	U
83-32-9-----	Acenaphthene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

EXP_PATH

Lab Name: BUCK ENVIRONMENTAL LABS Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004132-02C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1501015.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: decanted: (Y/N) Date Extracted: 04/12/00

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/11/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5-----	2,4-Dinitrophenol	25	U
100-02-7-----	4-Nitrophenol	25	U
132-64-9-----	Dibenzofuran	10	U
121-14-2-----	2,4-Dinitrotoluene	10	U
84-66-2-----	Diethylphthalate	10	U
7005-72-3-----	4-Chlorophenyl-phenylether	10	U
86-73-7-----	Fluorene	10	U
100-01-6-----	4-Nitroaniline	25	U
534-52-1-----	4,6-Dinitro-2-methylphenol	25	U
86-30-6-----	N-nitrosodiphenylamine (1)	10	U
101-55-3-----	4-Bromophenyl-phenylether	10	U
118-74-1-----	Hexachlorobenzene	10	U
87-86-5-----	Pentachlorophenol	25	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
86-74-8-----	Carbazole	10	U
84-74-2-----	Di-n-butylphthalate	2	J
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
85-68-7-----	Butylbenzylphthalate	10	U
91-94-1-----	3,3'-Dichlorobenzidine	10	U
56-55-3-----	Benzo(a) anthracene	10	U
218-01-9-----	Chrysene	10	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	10	U
117-84-0-----	Di-n-octylphthalate	10	U
205-99-2-----	Benzo(b) fluoranthene	10	U
207-08-9-----	Benzo(k) fluoranthene	10	U
50-32-8-----	Benzo(a) pyrene	10	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	10	U
53-70-3-----	Dibenzo(a,h)anthracene	10	U
191-24-2-----	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

EXP_PATH

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004132-02C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1501015.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: decanted: (Y/N) Date Extracted: 04/12/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/11/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

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

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1. 58-08-2	Caffeine	16.285	9	NJ
2.				
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

EXP_PATHWAY

Lab Name: BUCK ENVIRONMENTAL LABS Contract: _____

Lab Code: 10795 Case No.: _____ SAS No.: _____ SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004132-03C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1601016.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/12/00

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/11/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2-----	Phenol	10	U
111-44-4-----	bis(-2-Chloroethyl) Ether	10	U
95-57-8-----	2-Chlorophenol	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
95-48-7-----	2-Methylphenol	10	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5-----	4-Methylphenol	10	U
621-64-7-----	N-Nitroso-di-n-propylamine	10	U
67-72-1-----	Hexachloroethane	10	U
98-95-3-----	Nitrobenzene	10	U
78-59-1-----	Isophorone	10	U
88-75-5-----	2-Nitrophenol	10	U
105-67-9-----	2,4-Dimethyphenol	10	U
120-83-2-----	2,4-Dichlorophenol	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
91-20-3-----	Naphthalene	10	U
106-47-8-----	4-Chloroaniline	10	U
87-68-3-----	Hexachlorobutadiene	10	U
111-91-1-----	bis(-2-Chloroethoxy)methane	10	U
59-50-7-----	4-Chloro-3-Methylphenol	10	U
91-57-6-----	2-Methylnaphthalene	10	U
77-47-4-----	Hexachlorocyclopentadiene	10	U
88-06-2-----	2,4,6-Trichlorophenol	10	U
95-95-4-----	2,4,5-Trichlorophenol	25	U
91-58-7-----	2-Chloronaphthalene	10	U
88-74-4-----	2-Nitroaniline	25	U
131-11-3-----	Dimethylphthalate	10	U
208-96-8-----	Acenaphthylene	10	U
606-20-2-----	2,6-Dinitrotoluene	10	U
99-09-2-----	3-Nitroaniline	25	U
83-32-9-----	Acenaphthene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

EXP_PATHWAY

Lab Name: BUCK ENVIRONMENTAL LABS Contract: _____

Lab Code: 10795 Case No.: _____ SAS No.: _____ SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004132-03C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1601016.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/12/00

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/11/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5-----	2,4-Dinitrophenol	25	U
100-02-7-----	4-Nitrophenol	25	U
132-64-9-----	Dibenzofuran	10	U
121-14-2-----	2,4-Dinitrotoluene	10	U
84-66-2-----	Diethylphthalate	10	U
7005-72-3-----	4-Chlorophenyl-phenylether	10	U
86-73-7-----	Fluorene	10	U
100-01-6-----	4-Nitroaniline	25	U
534-52-1-----	4,6-Dinitro-2-methylphenol	25	U
86-30-6-----	N-nitrosodiphenylamine (1)	10	U
101-55-3-----	4-Bromophenyl-phenylether	10	U
118-74-1-----	Hexachlorobenzene	10	U
87-86-5-----	Pentachlorophenol	25	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
86-74-8-----	Carbazole	10	U
84-74-2-----	Di-n-butylphthalate	3	J
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
85-68-7-----	Butylbenzylphthalate	10	U
91-94-1-----	3,3'-Dichlorobenzidine	10	U
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
117-81-7-----	bis (2-Ethylhexyl) phthalate	10	U
117-84-0-----	Di-n-octylphthalate	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a,h) anthracene	10	U
191-24-2-----	Benzo (g,h,i) perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

EXP_PATHWAY

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004132-03C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1601016.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: decanted: (Y/N) Date Extracted: 04/12/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/11/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

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

Number TICs found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.	Unknown	18.567	3	J
2. 123-95-5	Octadecanoic acid, butyl est	19.671	3	NJ
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-1

Lab Name: BUCK ENVIRONMENTAL LABS Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004206-02C

Sample wt/vol: 980 (g/mL) ML Lab File ID: 1001010.D

Level: (low/med) LOW Date Received: 04/18/00

% Moisture: decanted: (Y/N) Date Extracted: 04/21/00

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/11/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(-2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethyphenol	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	11	
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
111-91-1	bis(-2-Chloroethoxy)methane	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	26	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	26	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	26	U
83-32-9	Acenaphthene	20	

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-1

Lab Name: BUCK ENVIRONMENTAL LABS Contract: _____

Lab Code: 10795 Case No.: _____ SAS No.: _____ SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004206-02C

Sample wt/vol: 980 (g/mL) ML Lab File ID: 1001010.D

Level: (low/med) LOW Date Received: 04/18/00

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/21/00

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/11/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5-----	2,4-Dinitrophenol	26	U
100-02-7-----	4-Nitrophenol	26	U
132-64-9-----	Dibenzofuran	3	J
121-14-2-----	2,4-Dinitrotoluene	10	U
84-66-2-----	Diethylphthalate	10	U
7005-72-3-----	4-Chlorophenyl-phenylether	10	U
86-73-7-----	Fluorene	7	J
100-01-6-----	4-Nitroaniline	26	U
534-52-1-----	4,6-Dinitro-2-methylphenol	26	U
86-30-6-----	N-nitrosodiphenylamine (1)	10	U
101-55-3-----	4-Bromophenyl-phenylether	10	U
118-74-1-----	Hexachlorobenzene	10	U
87-86-5-----	Pentachlorophenol	26	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
86-74-8-----	Carbazole	7	J
84-74-2-----	Di-n-butylphthalate	2	J
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
85-68-7-----	Butylbenzylphthalate	10	U
91-94-1-----	3,3'-Dichlorobenzidine	10	U
56-55-3-----	Benzo(a)anthracene	10	U
218-01-9-----	Chrysene	10	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	10	U
117-84-0-----	Di-n-octylphthalate	10	U
205-99-2-----	Benzo(b)fluoranthene	10	U
207-08-9-----	Benzo(k)fluoranthene	10	U
50-32-8-----	Benzo(a)pyrene	10	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	10	U
53-70-3-----	Dibenzo(a,h)anthracene	10	U
191-24-2-----	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

MW-1

Lab Name: Buck Environmental Labs Contract: _____

Lab Code: 10795 Case No.: _____ SAS No.: _____ SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004206-02C

Sample wt/vol: 980 (g/mL) ML Lab File ID: 1001010.D

Level: (low/med) LOW Date Received: 04/18/00

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/21/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/11/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 21 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1. 0-00-0	CYCLOHEXENE, 1,3-DIMETHYL-	3.357	21	NJ
2.	Volatile Target Analyte	3.809	27	J
3.	Volatile Target Analyte	4.189	13	J
4.	Ethylmethylbenzene Isomer	4.581	36	J
5.	Ethylmethylbenzene Isomer	5.341	28	J
6.	Trimethylbenzene Isomer	5.520	10	J
7.	Ethylmethylbenzene Isomer	5.960	26	J
8. 496-11-7	1H-Indene, 2,3-dihydro-	6.174	122	NJ
9. 135-01-3	Benzene, 1,2-diethyl-	6.317	48	NJ
10. 104-55-2	2-Propenal, 3-phenyl- (9CI)	7.055	18	NJ
11. 4265-25-2	Benzofuran, 2-methyl-	7.126	37	NJ
12. 17059-52-8	Benzofuran, 7-methyl-	7.198	8	NJ
13. 874-35-1	1H-Indene, 2,3-dihydro-5-met	7.650	18	NJ
14. 767-59-9	1H-Indene, 1-methyl-	7.816	42	NJ
15. 767-60-2	1H-Indene, 3-methyl-	7.900	27	NJ
16. 95-15-8	Benzo[b]thiophene	8.471	29	NJ
17. 105-60-2	2H-Azepin-2-one, hexahydro-	9.293	23	NJ
18. 4565-32-6	Benzo[b]thiophene, 2,3-dihyd	9.353	9	NJ
19.	Methylnaphthalene Isomer	10.139	73	J
20. 13615-40-2	1-Naphthalenol, 3-methyl-	13.816	8	NJ
21. 92-69-3	[1,1'-Biphenyl]-4-ol	14.917	7	NJ
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-3

Lab Name: BUCK ENVIRONMENTAL LABS Contract: _____

Lab Code: 10795 Case No.: _____ SAS No.: _____ SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004245-01B

Sample wt/vol: 920 (g/mL) ML Lab File ID: 1701017.D

Level: (low/med) LOW Date Received: 04/19/00

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/21/00

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/11/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2-----	Phenol	11	U
111-44-4-----	bis(-2-Chloroethyl) Ether	11	U
95-57-8-----	2-Chlorophenol	11	U
541-73-1-----	1,3-Dichlorobenzene	11	U
106-46-7-----	1,4-Dichlorobenzene	11	U
95-50-1-----	1,2-Dichlorobenzene	11	U
95-48-7-----	2-Methylphenol	11	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	11	U
106-44-5-----	4-Methylphenol	11	U
621-64-7-----	N-Nitroso-di-n-propylamine	11	U
67-72-1-----	Hexachloroethane	11	U
98-95-3-----	Nitrobenzene	11	U
78-59-1-----	Isophorone	11	U
88-75-5-----	2-Nitrophenol	11	U
105-67-9-----	2,4-Dimethylphenol	11	U
120-83-2-----	2,4-Dichlorophenol	11	U
120-82-1-----	1,2,4-Trichlorobenzene	11	U
91-20-3-----	Naphthalene	11	U
106-47-8-----	4-Chloroaniline	11	U
87-68-3-----	Hexachlorobutadiene	11	U
111-91-1-----	bis(-2-Chloroethoxy)methane	11	U
59-50-7-----	4-Chloro-3-Methylphenol	11	U
91-57-6-----	2-Methylnaphthalene	11	U
77-47-4-----	Hexachlorocyclopentadiene	11	U
88-06-2-----	2,4,6-Trichlorophenol	11	U
95-95-4-----	2,4,5-Trichlorophenol	27	U
91-58-7-----	2-Chloronaphthalene	11	U
88-74-4-----	2-Nitroaniline	27	U
131-11-3-----	Dimethylphthalate	11	U
208-96-8-----	Acenaphthylene	11	U
606-20-2-----	2,6-Dinitrotoluene	11	U
99-09-2-----	3-Nitroaniline	27	U
83-32-9-----	Acenaphthene	11	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-3

Lab Name: BUCK ENVIRONMENTAL LABS Contract: _____

Lab Code: 10795 Case No.: _____ SAS No.: _____ SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004245-01B

Sample wt/vol: 920 (g/mL) ML Lab File ID: 1701017.D

Level: (low/med) LOW Date Received: 04/19/00

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/21/00

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/11/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5-----	2,4-Dinitrophenol	27	U
100-02-7-----	4-Nitrophenol	27	U
132-64-9-----	Dibenzofuran	11	U
121-14-2-----	2,4-Dinitrotoluene	11	U
84-66-2-----	Diethylphthalate	11	U
7005-72-3-----	4-Chlorophenyl-phenylether	11	U
86-73-7-----	Fluorene	11	U
100-01-6-----	4-Nitroaniline	27	U
534-52-1-----	4,6-Dinitro-2-methylphenol	27	U
86-30-6-----	N-nitrosodiphenylamine (1)	11	U
101-55-3-----	4-Bromophenyl-phenylether	11	U
118-74-1-----	Hexachlorobenzene	11	U
87-86-5-----	Pentachlorophenol	27	U
85-01-8-----	Phenanthrene	10	J
120-12-7-----	Anthracene	3	J
86-74-8-----	Carbazole	11	U
84-74-2-----	Di-n-butylphthalate	11	U
206-44-0-----	Fluoranthene	14	
129-00-0-----	Pyrene	11	
85-68-7-----	Butylbenzylphthalate	11	U
91-94-1-----	3,3'-Dichlorobenzidine	11	U
56-55-3-----	Benzo(a) anthracene	6	J
218-01-9-----	Chrysene	7	J
117-81-7-----	bis(2-Ethylhexyl) phthalate	5	J
117-84-0-----	Di-n-octylphthalate	11	U
205-99-2-----	Benzo(b) fluoranthene	4	J
207-08-9-----	Benzo(k) fluoranthene	6	J
50-32-8-----	Benzo(a) pyrene	11	U
193-39-5-----	Indeno(1,2,3-cd) pyrene	4	J
53-70-3-----	Dibenzo(a,h) anthracene	11	U
191-24-2-----	Benzo(g,h,i) perylene	4	J

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

MW-3

Lab Name: Buck Environmental Labs Contract:
Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006
Matrix: (soil/water) WATER Lab Sample ID: 0004245-01B
Sample wt/vol: 920 (g/mL) ML Lab File ID: 1701017.D
Level: (low/med) LOW Date Received: 04/19/00
% Moisture: decanted: (Y/N) Date Extracted: 04/21/00
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/11/00
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 20 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 105-60-2	2H-Azepin-2-one, hexahydro-	9.389	122	NJ
2.	Unknown	17.668	11	J
3.	Unknown Aliphatic	17.764	11	J
4.	Unknown	17.812	8	J
5.	Unknown	17.872	13	J
6.	Unknown Aliphatic	17.944	16	J
7.	Unknown Aliphatic	18.089	9	J
8.	Unknown Aliphatic	18.317	25	J
9.	Unknown	18.486	10	J
10.	Unknown	18.570	18	J
11.	Unknown	18.642	12	J
12.	Unknown Aliphatic	18.702	9	J
13.	Unknown	18.859	12	J
14.	Unknown Aliphatic	18.895	13	J
15. 2381-21-7	Pyrene, 1-methyl-	18.991	14	NJ
16.	Unknown	19.183	73	J
17.	Unknown Aliphatic	19.268	11	J
18.	Unknown	19.304	17	J
19.	Unknown	24.881	14	J
20.	Unknown	31.007	114	J
21.				
22.				
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-4

Lab Name: BUCK ENVIRONMENTAL LABS Contract: _____

Lab Code: 10795 Case No.: _____ SAS No.: _____ SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004206-04C

Sample wt/vol: 985 (g/mL) ML Lab File ID: 1101011.D

Level: (low/med) LOW Date Received: 04/18/00

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/20/00

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/11/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2-----	Phenol	10	U
111-44-4-----	bis(-2-Chloroethyl) Ether	10	U
95-57-8-----	2-Chlorophenol	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
95-48-7-----	2-Methylphenol	10	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5-----	4-Methylphenol	10	U
621-64-7-----	N-Nitroso-di-n-propylamine	10	U
67-72-1-----	Hexachloroethane	10	U
98-95-3-----	Nitrobenzene	10	U
78-59-1-----	Isophorone	10	U
88-75-5-----	2-Nitrophenol	10	U
105-67-9-----	2,4-Dimethylphenol	10	U
120-83-2-----	2,4-Dichlorophenol	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
91-20-3-----	Naphthalene	10	U
106-47-8-----	4-Chloroaniline	10	U
87-68-3-----	Hexachlorobutadiene	10	U
111-91-1-----	bis(-2-Chloroethoxy) methane	10	U
59-50-7-----	4-Chloro-3-Methylphenol	10	U
91-57-6-----	2-Methylnaphthalene	10	U
77-47-4-----	Hexachlorocyclopentadiene	10	U
88-06-2-----	2,4,6-Trichlorophenol	10	U
95-95-4-----	2,4,5-Trichlorophenol	25	U
91-58-7-----	2-Chloronaphthalene	10	U
88-74-4-----	2-Nitroaniline	25	U
131-11-3-----	Dimethylphthalate	10	U
208-96-8-----	Acenaphthylene	10	U
606-20-2-----	2,6-Dinitrotoluene	10	U
99-09-2-----	3-Nitroaniline	25	U
83-32-9-----	Acenaphthene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-4

Lab Name: BUCK ENVIRONMENTAL LABS Contract: _____

Lab Code: 10795 Case No.: _____ SAS No.: _____ SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004206-04C

Sample wt/vol: 985 (g/mL) ML Lab File ID: 1101011.D

Level: (low/med) LOW Date Received: 04/18/00

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/20/00

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/11/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5-----	2,4-Dinitrophenol	25	U
100-02-7-----	4-Nitrophenol	25	U
132-64-9-----	Dibenzofuran	10	U
121-14-2-----	2,4-Dinitrotoluene	10	U
84-66-2-----	Diethylphthalate	10	U
7005-72-3-----	4-Chlorophenyl-phenylether	10	U
86-73-7-----	Fluorene	10	U
100-01-6-----	4-Nitroaniline	25	U
534-52-1-----	4,6-Dinitro-2-methylphenol	25	U
86-30-6-----	N-nitrosodiphenylamine (1)	10	U
101-55-3-----	4-Bromophenyl-phenylether	10	U
118-74-1-----	Hexachlorobenzene	10	U
87-86-5-----	Pentachlorophenol	25	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
86-74-8-----	Carbazole	10	U
84-74-2-----	Di-n-butylphthalate	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
85-68-7-----	Butylbenzylphthalate	10	U
91-94-1-----	3,3'-Dichlorobenzidine	10	U
56-55-3-----	Benzo(a) anthracene	10	U
218-01-9-----	Chrysene	10	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	2	JB
117-84-0-----	Di-n-octylphthalate	10	U
205-99-2-----	Benzo(b) fluoranthene	10	U
207-08-9-----	Benzo(k) fluoranthene	10	U
50-32-8-----	Benzo(a) pyrene	10	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	10	U
53-70-3-----	Dibenzo(a,h) anthracene	10	U
191-24-2-----	Benzo(g,h,i) perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

MW-4

Lab Name: Buck Environmental Labs Contract:
Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006
Matrix: (soil/water) WATER Lab Sample ID: 0004206-04C
Sample wt/vol: 985 (g/mL) ML Lab File ID: 1101011.D
Level: (low/med) LOW Date Received: 04/18/00
% Moisture: decanted: (Y/N) Date Extracted: 04/20/00
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/11/00
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 6 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 503-74-2	Butanoic acid, 3-methyl-	3.416	2	NJ
2. 111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	5.608	4	NJ
3. 105-60-2	2H-Azepin-2-one, hexahydro-	9.221	13	NJ
4.	Unknown	13.580	4	JB
5.	Unknown	18.565	4	J
6. 123-95-5	Octadecanoic acid, butyl est	19.673	2	NJ
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-2_AQ

Lab Name: BUCK ENVIRONMENTAL LABS Contract: _____

Lab Code: 10795 Case No.: _____ SAS No.: _____ SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004132-01C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1401014.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/12/00

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/11/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(-2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
111-91-1	bis(-2-Chloroethoxy) methane	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-2_AQ

Lab Name: BUCK ENVIRONMENTAL LABS Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004132-01C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1401014.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: decanted: (Y/N) Date Extracted: 04/12/00

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/11/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5-----	2,4-Dinitrophenol	25	U
100-02-7-----	4-Nitrophenol	25	U
132-64-9-----	Dibenzofuran	10	U
121-14-2-----	2,4-Dinitrotoluene	10	U
84-66-2-----	Diethylphthalate	10	U
7005-72-3-----	4-Chlorophenyl-phenylether	10	U
86-73-7-----	Fluorene	10	U
100-01-6-----	4-Nitroaniline	25	U
534-52-1-----	4,6-Dinitro-2-methylphenol	25	U
86-30-6-----	N-nitrosodiphenylamine (1)	10	U
101-55-3-----	4-Bromophenyl-phenylether	10	U
118-74-1-----	Hexachlorobenzene	10	U
87-86-5-----	Pentachlorophenol	25	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
86-74-8-----	Carbazole	10	U
84-74-2-----	Di-n-butylphthalate	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
85-68-7-----	Butylbenzylphthalate	10	U
91-94-1-----	3,3'-Dichlorobenzidine	10	U
56-55-3-----	Benzo(a) anthracene	10	U
218-01-9-----	Chrysene	10	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	10	U
117-84-0-----	Di-n-octylphthalate	10	U
205-99-2-----	Benzo(b) fluoranthene	10	U
207-08-9-----	Benzo(k) fluoranthene	10	U
50-32-8-----	Benzo(a) pyrene	10	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	10	U
53-70-3-----	Dibenzo(a,h) anthracene	10	U
191-24-2-----	Benzo(g,h,i) perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

TP-2_AQ

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: 0004132-01C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 1401014.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/12/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/11/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

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

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1. 17851-53-5	1,2-Benzenedicarboxylic acid	17.156	2	NJ
2. _____	_____	_____	_____	_____
3. _____	_____	_____	_____	_____
4. _____	_____	_____	_____	_____
5. _____	_____	_____	_____	_____
6. _____	_____	_____	_____	_____
7. _____	_____	_____	_____	_____
8. _____	_____	_____	_____	_____
9. _____	_____	_____	_____	_____
10. _____	_____	_____	_____	_____
11. _____	_____	_____	_____	_____
12. _____	_____	_____	_____	_____
13. _____	_____	_____	_____	_____
14. _____	_____	_____	_____	_____
15. _____	_____	_____	_____	_____
16. _____	_____	_____	_____	_____
17. _____	_____	_____	_____	_____
18. _____	_____	_____	_____	_____
19. _____	_____	_____	_____	_____
20. _____	_____	_____	_____	_____
21. _____	_____	_____	_____	_____
22. _____	_____	_____	_____	_____
23. _____	_____	_____	_____	_____
24. _____	_____	_____	_____	_____
25. _____	_____	_____	_____	_____
26. _____	_____	_____	_____	_____
27. _____	_____	_____	_____	_____
28. _____	_____	_____	_____	_____
29. _____	_____	_____	_____	_____
30. _____	_____	_____	_____	_____

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

HE-1

Lab Name: BUCK ENVIRONMENTAL LABS Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004131-01B

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 0801008.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: 36 decanted: (Y/N) N Date Extracted: 04/18/00

Concentrated Extract Volume: 10000 (UL) Date Analyzed: 05/12/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	5240	U
111-44-4	bis(-2-Chloroethyl) Ether	5240	U
95-57-8	2-Chlorophenol	5240	U
541-73-1	1,3-Dichlorobenzene	5240	U
106-46-7	1,4-Dichlorobenzene	5240	U
95-50-1	1,2-Dichlorobenzene	5240	U
95-48-7	2-Methylphenol	5240	U
108-60-1	2,2'-oxybis(1-Chloropropane)	5240	U
106-44-5	4-Methylphenol	5240	U
621-64-7	N-Nitroso-di-n-propylamine	5240	U
67-72-1	Hexachloroethane	5240	U
98-95-3	Nitrobenzene	5240	U
78-59-1	Isophorone	5240	U
88-75-5	2-Nitrophenol	5240	U
105-67-9	2,4-Dimethyphenol	5240	U
120-83-2	2,4-Dichlorophenol	5240	U
120-82-1	1,2,4-Trichlorobenzene	5240	U
91-20-3	Naphthalene	5240	U
106-47-8	4-Chloroaniline	5240	U
87-68-3	Hexachlorobutadiene	5240	U
111-91-1	bis(-2-Chloroethoxy) methane	5240	U
59-50-7	4-Chloro-3-Methylphenol	5240	U
91-57-6	2-Methylnaphthalene	5240	U
77-47-4	Hexachlorocyclopentadiene	5240	U
88-06-2	2,4,6-Trichlorophenol	5240	U
95-95-4	2,4,5-Trichlorophenol	13100	U
91-58-7	2-Chloronaphthalene	5240	U
88-74-4	2-Nitroaniline	13100	U
131-11-3	Dimethylphthalate	5240	U
208-96-8	Acenaphthylene	5240	U
606-20-2	2,6-Dinitrotoluene	5240	U
99-09-2	3-Nitroaniline	13100	U
83-32-9	Acenaphthene	5240	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

HE-1

Lab Name: BUCK ENVIRONMENTAL LABS Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004131-01B

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 0801008.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: 36 decanted: (Y/N) N Date Extracted: 04/18/00

Concentrated Extract Volume: 10000 (UL) Date Analyzed: 05/12/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5-----	2,4-Dinitrophenol	13100	U
100-02-7-----	4-Nitrophenol	13100	U
132-64-9-----	Dibenzofuran	5240	U
121-14-2-----	2,4-Dinitrotoluene	5240	U
84-66-2-----	Diethylphthalate	5240	U
7005-72-3-----	4-Chlorophenyl-phenylether	5240	U
86-73-7-----	Fluorene	5240	U
100-01-6-----	4-Nitroaniline	13100	U
534-52-1-----	4,6-Dinitro-2-methylphenol	13100	U
86-30-6-----	N-nitrosodiphenylamine (1)	5240	U
101-55-3-----	4-Bromophenyl-phenylether	5240	U
118-74-1-----	Hexachlorobenzene	5240	U
87-86-5-----	Pentachlorophenol	13100	U
85-01-8-----	Phenanthrene	5240	U
120-12-7-----	Anthracene	5240	U
86-74-8-----	Carbazole	5240	U
84-74-2-----	Di-n-butylphthalate	5240	U
206-44-0-----	Fluoranthene	1260	J
129-00-0-----	Pyrene	1090	J
85-68-7-----	Butylbenzylphthalate	5240	U
91-94-1-----	3,3'-Dichlorobenzidine	5240	U
56-55-3-----	Benzo(a) anthracene	5240	U
218-01-9-----	Chrysene	5240	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	5240	U
117-84-0-----	Di-n-octylphthalate	5240	U
205-99-2-----	Benzo(b) fluoranthene	5240	U
207-08-9-----	Benzo(k) fluoranthene	5240	U
50-32-8-----	Benzo(a) pyrene	5240	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	5240	U
53-70-3-----	Dibenzo(a,h) anthracene	5240	U
191-24-2-----	Benzo(g,h,i) perylene	5240	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

HE-1

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004131-01B

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 0801008.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: 36 decanted: (Y/N) N Date Extracted: 04/18/00

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/12/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 16

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	3.356	2190	J
2. 123-42-2	2-Pentanone, 4-hydroxy-4-met	3.641	86000	NJ
3.	Unknown	4.458	3790	JB
4. 57-10-3	Hexadecanoic acid	17.067	1710	NJ
5. 2091-29-4	9-Hexadecenoic acid	18.292	2140	NJ
6.	Unknown Aliphatic	20.247	1060	J
7. 638-67-5	Tricosane	21.205	1760	NJ
8. 629-80-1	Hexadecanal	21.853	6090	NJ
9. 630-03-5	Nonacosane	22.105	4130	NJ
10.	Unknown Hydrocarbon	22.742	7680	J
11.	Unknown Aliphatic	22.946	2700	J
12.	Unknown	23.163	2080	J
13.	Unknown	24.644	3010	J
14.	Unknown	24.776	5680	J
15.	Unknown	24.885	2250	J
16.	Unknown	25.150	3970	J
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

HE-2

Lab Name: BUCK ENVIRONMENTAL LABS Contract:
Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006
Matrix: (soil/water) SOIL Lab Sample ID: 0004131-02B
Sample wt/vol: 30.0 (g/mL) G Lab File ID: 0901009.D
Level: (low/med) LOW Date Received: 04/12/00
% Moisture: 6 decanted: (Y/N) N Date Extracted: 04/18/00
Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/12/00
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2-----	Phenol	355	U
111-44-4-----	bis(-2-Chloroethyl) Ether	355	U
95-57-8-----	2-Chlorophenol	355	U
541-73-1-----	1,3-Dichlorobenzene	355	U
106-46-7-----	1,4-Dichlorobenzene	355	U
95-50-1-----	1,2-Dichlorobenzene	355	U
95-48-7-----	2-Methylphenol	355	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	355	U
106-44-5-----	4-Methylphenol	355	U
621-64-7-----	N-Nitroso-di-n-propylamine	355	U
67-72-1-----	Hexachloroethane	355	U
98-95-3-----	Nitrobenzene	355	U
78-59-1-----	Isophorone	355	U
88-75-5-----	2-Nitrophenol	355	U
105-67-9-----	2,4-Dimethyphenol	355	U
120-83-2-----	2,4-Dichlorophenol	355	U
120-82-1-----	1,2,4-Trichlorobenzene	355	U
91-20-3-----	Naphthalene	355	U
106-47-8-----	4-Chloroaniline	355	U
87-68-3-----	Hexachlorobutadiene	355	U
111-91-1-----	bis(-2-Chloroethoxy)methane	355	U
59-50-7-----	4-Chloro-3-Methylphenol	355	U
91-57-6-----	2-Methylnaphthalene	355	U
77-47-4-----	Hexachlorocyclopentadiene	355	U
88-06-2-----	2,4,6-Trichlorophenol	355	U
95-95-4-----	2,4,5-Trichlorophenol	888	U
91-58-7-----	2-Chloronaphthalene	355	U
88-74-4-----	2-Nitroaniline	888	U
131-11-3-----	Dimethylphthalate	355	U
208-96-8-----	Acenaphthylene	355	U
606-20-2-----	2,6-Dinitrotoluene	355	U
99-09-2-----	3-Nitroaniline	888	U
83-32-9-----	Acenaphthene	355	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

HE-2

Lab Name: BUCK ENVIRONMENTAL LABS Contract: _____

Lab Code: 10795 Case No.: _____ SAS No.: _____ SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004131-02B

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 0901009.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: 6 decanted: (Y/N) N Date Extracted: 04/18/00

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/12/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5-----	2,4-Dinitrophenol	888	U
100-02-7-----	4-Nitrophenol	888	U
132-64-9-----	Dibenzofuran	355	U
121-14-2-----	2,4-Dinitrotoluene	355	U
84-66-2-----	Diethylphthalate	355	U
7005-72-3-----	4-Chlorophenyl-phenylether	355	U
86-73-7-----	Fluorene	355	U
100-01-6-----	4-Nitroaniline	888	U
534-52-1-----	4,6-Dinitro-2-methylphenol	888	U
86-30-6-----	N-nitrosodiphenylamine (1)	355	U
101-55-3-----	4-Bromophenyl-phenylether	355	U
118-74-1-----	Hexachlorobenzene	355	U
87-86-5-----	Pentachlorophenol	888	U
85-01-8-----	Phenanthrene	78	J
120-12-7-----	Anthracene	355	U
86-74-8-----	Carbazole	355	U
84-74-2-----	Di-n-butylphthalate	355	U
206-44-0-----	Fluoranthene	188	J
129-00-0-----	Pyrene	146	J
85-68-7-----	Butylbenzylphthalate	355	U
91-94-1-----	3,3'-Dichlorobenzidine	355	U
56-55-3-----	Benzo(a) anthracene	88	J
218-01-9-----	Chrysene	97	J
117-81-7-----	bis(2-Ethylhexyl)phthalate	168	J
117-84-0-----	Di-n-octylphthalate	355	U
205-99-2-----	Benzo(b) fluoranthene	90	J
207-08-9-----	Benzo(k) fluoranthene	86	J
50-32-8-----	Benzo(a) pyrene	85	J
193-39-5-----	Indeno(1,2,3-cd) pyrene	355	U
53-70-3-----	Dibenzo(a,h) anthracene	355	U
191-24-2-----	Benzo(g,h,i) perylene	355	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

HE-2

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004131-02B

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 0901009.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: 6 decanted: (Y/N) N Date Extracted: 04/18/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/12/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 8 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1. 141-79-7	3-Penten-2-one, 4-methyl-	3.167	173	NJB
2.	Unknown	3.725	14500	JB
3.	Unknown	3.892	2300	J
4.	Unknown	4.129	180	J
5.	Unknown	4.567	2490	JB
6.	Unknown	5.456	193	JB
7.	Unknown	21.852	305	J
8. 205-99-2	Benz[e]acephenanthrylene (8C	22.302	165	NJ
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

HE-3

Lab Name: BUCK ENVIRONMENTAL LABS Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004131-03B

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 1001010.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: 23 decanted: (Y/N) N Date Extracted: 04/18/00

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/12/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	432	U
111-44-4	bis(-2-Chloroethyl) Ether	432	U
95-57-8	2-Chlorophenol	432	U
541-73-1	1,3-Dichlorobenzene	432	U
106-46-7	1,4-Dichlorobenzene	432	U
95-50-1	1,2-Dichlorobenzene	432	U
95-48-7	2-Methylphenol	432	U
108-60-1	2,2'-oxybis(1-Chloropropane)	432	U
106-44-5	4-Methylphenol	432	U
621-64-7	N-Nitroso-di-n-propylamine	432	U
67-72-1	Hexachloroethane	432	U
98-95-3	Nitrobenzene	432	U
78-59-1	Isophorone	432	U
88-75-5	2-Nitrophenol	432	U
105-67-9	2,4-Dimethylphenol	432	U
120-83-2	2,4-Dichlorophenol	432	U
120-82-1	1,2,4-Trichlorobenzene	432	U
91-20-3	Naphthalene	432	U
106-47-8	4-Chloroaniline	432	U
87-68-3	Hexachlorobutadiene	432	U
111-91-1	bis(-2-Chloroethoxy)methane	432	U
59-50-7	4-Chloro-3-Methylphenol	432	U
91-57-6	2-Methylnaphthalene	432	U
77-47-4	Hexachlorocyclopentadiene	432	U
88-06-2	2,4,6-Trichlorophenol	432	U
95-95-4	2,4,5-Trichlorophenol	1080	U
91-58-7	2-Chloronaphthalene	432	U
88-74-4	2-Nitroaniline	1080	U
131-11-3	Dimethylphthalate	432	U
208-96-8	Acenaphthylene	432	U
606-20-2	2,6-Dinitrotoluene	432	U
99-09-2	3-Nitroaniline	1080	U
83-32-9	Acenaphthene	432	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

HE-3

Lab Name: BUCK ENVIRONMENTAL LABS Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004131-03B

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 1001010.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: 23 decanted: (Y/N) N Date Extracted: 04/18/00

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/12/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5-----	2,4-Dinitrophenol	1080	U
100-02-7-----	4-Nitrophenol	1080	U
132-64-9-----	Dibenzofuran	432	U
121-14-2-----	2,4-Dinitrotoluene	432	U
84-66-2-----	Diethylphthalate	432	U
7005-72-3-----	4-Chlorophenyl-phenylether	432	U
86-73-7-----	Fluorene	432	U
100-01-6-----	4-Nitroaniline	1080	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1080	U
86-30-6-----	N-nitrosodiphenylamine (1)	432	U
101-55-3-----	4-Bromophenyl-phenylether	432	U
118-74-1-----	Hexachlorobenzene	432	U
87-86-5-----	Pentachlorophenol	1080	U
85-01-8-----	Phenanthrene	260	J
120-12-7-----	Anthracene	432	U
86-74-8-----	Carbazole	432	U
84-74-2-----	Di-n-butylphthalate	432	U
206-44-0-----	Fluoranthene	382	J
129-00-0-----	Pyrene	349	J
85-68-7-----	Butylbenzylphthalate	432	U
91-94-1-----	3,3'-Dichlorobenzidine	432	U
56-55-3-----	Benzo (a) anthracene	150	J
218-01-9-----	Chrysene	164	J
117-81-7-----	bis(2-Ethylhexyl)phthalate	477	
117-84-0-----	Di-n-octylphthalate	432	U
205-99-2-----	Benzo (b) fluoranthene	432	U
207-08-9-----	Benzo (k) fluoranthene	432	U
50-32-8-----	Benzo (a) pyrene	105	J
193-39-5-----	Indeno (1,2,3-cd) pyrene	432	U
53-70-3-----	Dibenzo (a,h) anthracene	432	U
191-24-2-----	Benzo (g,h,i) perylene	432	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

HE-3

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004131-03B

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 1001010.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: 23 decanted: (Y/N) N Date Extracted: 04/18/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/12/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 19

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.	Unknown	3.642	6460	JB
2.	Unknown	3.749	4160	JB
3.	Unknown	4.152	161	J
4.	Unknown	4.591	2270	JB
5. 475-20-7	Junipene	11.427	105	NJ
6. 143-07-7	Dodecanoic acid	15.918	116	NJ
7.	Unknown	16.939	183	J
8.	Unknown	17.011	222	J
9. 57-10-3	Hexadecanoic acid	17.083	335	NJ
10. 84-65-1	9,10-Anthracenedione	17.396	168	NJ
11.	Unknown	17.698	96	J
12.	Unknown	18.325	230	J
13. 238-84-6	11H-Benzo[a]fluorene	19.002	97	NJ
14. 511-15-9	Totarol	19.498	201	NJ
15.	Unknown	21.733	328	J
16.	Unknown	21.855	1230	J
17.	Unknown Aliphatic	22.099	507	J
18. 205-99-2	Benz[e]acephenanthrylene (8C	22.367	440	NJ
19.	Unknown Aliphatic	22.953	227	J
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-4 [4-6]

Lab Name: BUCK ENVIRONMENTAL LABS Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004180-11A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0501005.D

Level: (low/med) LOW Date Received: 04/15/00

% Moisture: 29 decanted: (Y/N) N Date Extracted: 04/21/00

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/13/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	467	U
111-44-4	bis(-2-Chloroethyl) Ether	467	U
95-57-8	2-Chlorophenol	467	U
541-73-1	1,3-Dichlorobenzene	467	U
106-46-7	1,4-Dichlorobenzene	467	U
95-50-1	1,2-Dichlorobenzene	467	U
95-48-7	2-Methylphenol	467	U
108-60-1	2,2'-oxybis(1-Chloropropane)	467	U
106-44-5	4-Methylphenol	105	J
621-64-7	N-Nitroso-di-n-propylamine	467	U
67-72-1	Hexachloroethane	467	U
98-95-3	Nitrobenzene	467	U
78-59-1	Isophorone	467	U
88-75-5	2-Nitrophenol	467	U
105-67-9	2,4-Dimethylphenol	467	U
120-83-2	2,4-Dichlorophenol	467	U
120-82-1	1,2,4-Trichlorobenzene	467	U
91-20-3	Naphthalene	174	J
106-47-8	4-Chloroaniline	467	U
87-68-3	Hexachlorobutadiene	467	U
111-91-1	bis(-2-Chloroethoxy) methane	467	U
59-50-7	4-Chloro-3-Methylphenol	467	U
91-57-6	2-Methylnaphthalene	467	U
77-47-4	Hexachlorocyclopentadiene	467	U
88-06-2	2,4,6-Trichlorophenol	467	U
95-95-4	2,4,5-Trichlorophenol	1170	U
91-58-7	2-Chloronaphthalene	467	U
88-74-4	2-Nitroaniline	1170	U
131-11-3	Dimethylphthalate	467	U
208-96-8	Acenaphthylene	467	U
606-20-2	2,6-Dinitrotoluene	467	U
99-09-2	3-Nitroaniline	1170	U
83-32-9	Acenaphthene	101	J

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-4 [4-6]

Lab Name: BUCK ENVIRONMENTAL LABS Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004180-11A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0501005.D

Level: (low/med) LOW Date Received: 04/15/00

% Moisture: 29 decanted: (Y/N) N Date Extracted: 04/21/00

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/13/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
			Q
51-28-5-----	2,4-Dinitrophenol	1170	U
100-02-7-----	4-Nitrophenol	1170	U
132-64-9-----	Dibenzofuran	137	J
121-14-2-----	2,4-Dinitrotoluene	467	U
84-66-2-----	Diethylphthalate	467	U
7005-72-3-----	4-Chlorophenyl-phenylether	467	U
86-73-7-----	Fluorene	174	J
100-01-6-----	4-Nitroaniline	1170	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1170	U
86-30-6-----	N-nitrosodiphenylamine (1)	467	U
101-55-3-----	4-Bromophenyl-phenylether	467	U
118-74-1-----	Hexachlorobenzene	467	U
87-86-5-----	Pentachlorophenol	1170	U
85-01-8-----	Phenanthrene	580	
120-12-7-----	Anthracene	166	J
86-74-8-----	Carbazole	125	J
84-74-2-----	Di-n-butylphthalate	467	U
206-44-0-----	Fluoranthene	315	J
129-00-0-----	Pyrene	712	
85-68-7-----	Butylbenzylphthalate	467	U
91-94-1-----	3,3'-Dichlorobenzidine	467	U
56-55-3-----	Benzo (a) anthracene	232	J
218-01-9-----	Chrysene	275	J
117-81-7-----	bis (2-Ethylhexyl) phthalate	106	JB
117-84-0-----	Di-n-octylphthalate	467	U
205-99-2-----	Benzo (b) fluoranthene	252	J
207-08-9-----	Benzo (k) fluoranthene	260	J
50-32-8-----	Benzo (a) pyrene	218	J
193-39-5-----	Indeno (1,2,3-cd) pyrene	253	J
53-70-3-----	Dibenzo (a,h) anthracene	467	U
191-24-2-----	Benzo (g,h,i) perylene	284	J

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

MW-4 [4-6]

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004180-11A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0501005.D

Level: (low/med) LOW Date Received: 04/15/00

% Moisture: 29 decanted: (Y/N) N Date Extracted: 04/21/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/13/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 20 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	3.702	29400	JB
2. 123-42-2	2-Pentanone, 4-hydroxy-4-met	3.892	3330	NJ
3. 123-42-2	2-Pentanone, 4-hydroxy-4-met	4.581	3150	NJ
4. 544-76-3	Hexadecane	13.538	338	NJ
5. 629-78-7	Heptadecane	14.668	717	NJ
6. 593-45-3	Octadecane	15.715	997	NJ
7. 629-92-5	Nonadecane	16.619	1410	NJ
8. 84-74-2	1,2-Benzenedicarboxylic acid	17.187	546	NJ
9. 112-95-8	Eicosane	17.392	1330	NJ
10. 3674-69-9	Phenanthrene, 4,5-dimethyl-	17.670	691	NJ
11.	Unknown Aliphatic	17.912	1110	J
12. 1576-67-6	Phenanthrene, 3,6-dimethyl-	17.984	806	NJ
13.	Unknown Aliphatic	18.069	1290	J
14.	Unknown Aliphatic	18.674	2050	J
15. 7396-38-5	Phenanthrene, 2,4,5,7-tetram	19.025	1060	NJ
16.	Unknown Aliphatic	19.231	1750	J
17.	Unknown Aliphatic	19.765	1480	J
18.	Unknown Aliphatic	20.262	1290	J
19.	Unknown Aliphatic	20.760	1130	J
20.	Unknown Aliphatic	21.222	1140	J
21.				
22.				
23.				
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27.				
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30.				

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-3 [6-6.8]

Lab Name: BUCK ENVIRONMENTAL LABS Contract: _____

Lab Code: 10795 Case No.: _____ SAS No.: _____ SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004180-05A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 1601016.D

Level: (low/med) LOW Date Received: 04/15/00

% Moisture: 16 decanted: (Y/N) N Date Extracted: 04/21/00

Concentrated Extract Volume: 10000 (UL) Date Analyzed: 05/12/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2-----	Phenol	3960	U
111-44-4-----	bis(-2-Chloroethyl) Ether	3960	U
95-57-8-----	2-Chlorophenol	3960	U
541-73-1-----	1,3-Dichlorobenzene	3960	U
106-46-7-----	1,4-Dichlorobenzene	3960	U
95-50-1-----	1,2-Dichlorobenzene	3960	U
95-48-7-----	2-Methylphenol	3960	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	3960	U
106-44-5-----	4-Methylphenol	3960	U
621-64-7-----	N-Nitroso-di-n-propylamine	3960	U
67-72-1-----	Hexachloroethane	3960	U
98-95-3-----	Nitrobenzene	3960	U
78-59-1-----	Isophorone	3960	U
88-75-5-----	2-Nitrophenol	3960	U
105-67-9-----	2,4-Dimethyphenol	3960	U
120-83-2-----	2,4-Dichlorophenol	3960	U
120-82-1-----	1,2,4-Trichlorobenzene	3960	U
91-20-3-----	Naphthalene	3960	U
106-47-8-----	4-Chloroaniline	3960	U
87-68-3-----	Hexachlorobutadiene	3960	U
111-91-1-----	bis(-2-Chloroethoxy) methane	3960	U
59-50-7-----	4-Chloro-3-Methylphenol	3960	U
91-57-6-----	2-Methylnaphthalene	3960	U
77-47-4-----	Hexachlorocyclopentadiene	3960	U
88-06-2-----	2,4,6-Trichlorophenol	3960	U
95-95-4-----	2,4,5-Trichlorophenol	9910	U
91-58-7-----	2-Chloronaphthalene	3960	U
88-74-4-----	2-Nitroaniline	9910	U
131-11-3-----	Dimethylphthalate	3960	U
208-96-8-----	Acenaphthylene	1580	J
606-20-2-----	2,6-Dinitrotoluene	3960	U
99-09-2-----	3-Nitroaniline	9910	U
83-32-9-----	Acenaphthene	3960	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-3 [6-6.8]

Lab Name: BUCK ENVIRONMENTAL LABS Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004180-05A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 1601016.D

Level: (low/med) LOW Date Received: 04/15/00

% Moisture: 16 decanted: (Y/N) N Date Extracted: 04/21/00

Concentrated Extract Volume: 10000 (UL) Date Analyzed: 05/12/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5-----	2,4-Dinitrophenol	9910	U
100-02-7-----	4-Nitrophenol	9910	U
132-64-9-----	Dibenzofuran	3960	U
121-14-2-----	2,4-Dinitrotoluene	3960	U
84-66-2-----	Diethylphthalate	3960	U
7005-72-3-----	4-Chlorophenyl-phenylether	3960	U
86-73-7-----	Fluorene	3960	U
100-01-6-----	4-Nitroaniline	9910	U
534-52-1-----	4,6-Dinitro-2-methylphenol	9910	U
86-30-6-----	N-nitrosodiphenylamine (1)	3960	U
101-55-3-----	4-Bromophenyl-phenylether	3960	U
118-74-1-----	Hexachlorobenzene	3960	U
87-86-5-----	Pentachlorophenol	9910	U
85-01-8-----	Phenanthrene	8030	
120-12-7-----	Anthracene	1330	J
86-74-8-----	Carbazole	3960	U
84-74-2-----	Di-n-butylphthalate	3960	U
206-44-0-----	Fluoranthene	7710	
129-00-0-----	Pyrene	19600	
85-68-7-----	Butylbenzylphthalate	3960	U
91-94-1-----	3,3'-Dichlorobenzidine	3960	U
56-55-3-----	Benzo (a) anthracene	4960	
218-01-9-----	Chrysene	5100	
117-81-7-----	bis(2-Ethylhexyl)phthalate	132000	EB
117-84-0-----	Di-n-octylphthalate	3960	U
205-99-2-----	Benzo (b) fluoranthene	4810	
207-08-9-----	Benzo (k) fluoranthene	5570	
50-32-8-----	Benzo (a) pyrene	5290	
193-39-5-----	Indeno (1,2,3-cd) pyrene	6700	
53-70-3-----	Dibenzo (a,h) anthracene	3960	U
191-24-2-----	Benzo (g,h,i) perylene	9100	

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

SB-3 [6-6.8]

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004180-05A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 1601016.D

Level: (low/med) LOW Date Received: 04/15/00

% Moisture: 16 decanted: (Y/N) N Date Extracted: 04/21/00

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/12/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 20

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	3.368	2540	J
2. 123-42-2	2-Pentanone, 4-hydroxy-4-met	3.665	68300	NJ
3.	Unknown	4.471	5150	J
4.	Unknown	16.819	1340	J
5. 613-12-7	Anthracene, 2-methyl-	16.868	1300	NJ
6.	Unknown	17.025	1320	J
7. 779-02-2	Anthracene, 9-methyl-	17.073	1020	NJ
8.	Unknown	17.278	1070	J
9. 629-62-9	Pentadecane	17.387	1400	NJ
10. 84-65-1	9,10-Anthracenedione	17.424	2070	NJ
11. 1576-69-8	Phenanthrene, 2,7-dimethyl-	17.666	1190	NJ
12.	Unknown	17.871	1620	J
13.	Unknown	17.920	1330	J
14.	Unknown	17.993	1640	J
15.	Unknown	18.380	1100	J
16. 629-78-7	Heptadecane	18.671	941	NJ
17. 3353-12-6	Pyrene, 4-methyl-	19.035	1260	NJ
18.	Unknown	22.886	3340	J
19.	Unknown	23.192	2400	J
20.	Unknown	23.583	5060	J
21.				
22.				
23.				
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27.				
28.				
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30.				

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-4 [8-10]

Lab Name: BUCK ENVIRONMENTAL LABS Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004180-07A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 1701017.D

Level: (low/med) LOW Date Received: 04/15/00

% Moisture: 33 decanted: (Y/N) N Date Extracted: 04/21/00

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/12/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	500	U
111-44-4	bis(-2-Chloroethyl) Ether	500	U
95-57-8	2-Chlorophenol	500	U
541-73-1	1,3-Dichlorobenzene	500	U
106-46-7	1,4-Dichlorobenzene	500	U
95-50-1	1,2-Dichlorobenzene	500	U
95-48-7	2-Methylphenol	500	U
108-60-1	2,2'-oxybis(1-Chloropropane)	500	U
106-44-5	4-Methylphenol	500	U
621-64-7	N-Nitroso-di-n-propylamine	500	U
67-72-1	Hexachloroethane	500	U
98-95-3	Nitrobenzene	500	U
78-59-1	Isophorone	500	U
88-75-5	2-Nitrophenol	500	U
105-67-9	2,4-Dimethylphenol	500	U
120-83-2	2,4-Dichlorophenol	500	U
120-82-1	1,2,4-Trichlorobenzene	500	U
91-20-3	Naphthalene	500	U
106-47-8	4-Chloroaniline	500	U
87-68-3	Hexachlorobutadiene	500	U
111-91-1	bis(-2-Chloroethoxy) methane	500	U
59-50-7	4-Chloro-3-Methylphenol	500	U
91-57-6	2-Methylnaphthalene	500	U
77-47-4	Hexachlorocyclopentadiene	500	U
88-06-2	2,4,6-Trichlorophenol	500	U
95-95-4	2,4,5-Trichlorophenol	1250	U
91-58-7	2-Chloronaphthalene	500	U
88-74-4	2-Nitroaniline	1250	U
131-11-3	Dimethylphthalate	500	U
208-96-8	Acenaphthylene	500	U
606-20-2	2,6-Dinitrotoluene	500	U
99-09-2	3-Nitroaniline	1250	U
83-32-9	Acenaphthene	500	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-4 [8-10]

Lab Name: BUCK ENVIRONMENTAL LABS Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004180-07A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 1701017.D

Level: (low/med) LOW Date Received: 04/15/00

% Moisture: 33 decanted: (Y/N) N Date Extracted: 04/21/00

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/12/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5-----	2,4-Dinitrophenol	1250	U
100-02-7-----	4-Nitrophenol	1250	U
132-64-9-----	Dibenzofuran	500	U
121-14-2-----	2,4-Dinitrotoluene	500	U
84-66-2-----	Diethylphthalate	500	U
7005-72-3-----	4-Chlorophenyl-phenylether	500	U
86-73-7-----	Fluorene	500	U
100-01-6-----	4-Nitroaniline	1250	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1250	U
86-30-6-----	N-nitrosodiphenylamine (1)	500	U
101-55-3-----	4-Bromophenyl-phenylether	500	U
118-74-1-----	Hexachlorobenzene	500	U
87-86-5-----	Pentachlorophenol	1250	U
85-01-8-----	Phenanthrene	348	J
120-12-7-----	Anthracene	500	U
86-74-8-----	Carbazole	500	U
84-74-2-----	Di-n-butylphthalate	500	U
206-44-0-----	Fluoranthene	920	
129-00-0-----	Pyrene	882	
85-68-7-----	Butylbenzylphthalate	500	U
91-94-1-----	3,3'-Dichlorobenzidine	500	U
56-55-3-----	Benzo(a)anthracene	347	J
218-01-9-----	Chrysene	457	J
117-81-7-----	bis(2-Ethylhexyl)phthalate	103	JB
117-84-0-----	Di-n-octylphthalate	500	U
205-99-2-----	Benzo(b)fluoranthene	328	J
207-08-9-----	Benzo(k)fluoranthene	365	J
50-32-8-----	Benzo(a)pyrene	312	J
193-39-5-----	Indeno(1,2,3-cd)pyrene	205	J
53-70-3-----	Dibenzo(a,h)anthracene	121	J
191-24-2-----	Benzo(g,h,i)perylene	286	J

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

SB-4 [8-10]

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004180-07A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 1701017.D

Level: (low/med) LOW Date Received: 04/15/00

% Moisture: 33 decanted: (Y/N) N Date Extracted: 04/21/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/12/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 19 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	3.691	1930	JB
2. 123-42-2	2-Pentanone, 4-hydroxy-4-met	3.881	31400	NJ
3.	Unknown	4.677	2820	JB
4. 486-25-9	9H-Fluoren-9-one	15.313	128	NJ
5. 779-02-2	Anthracene, 9-methyl-	16.845	128	NJ
6. 203-64-5	4H-Cyclopenta[def]phenanthre	17.001	203	NJ
7. 57-10-3	Hexadecanoic acid	17.073	152	NJ
8.	Unknown	17.373	156	J
9.	Unknown	17.710	125	J
10. 3674-65-5	Phenanthrene, 2,3-dimethyl-	17.842	216	NJ
11.	Unknown	18.203	186	J
12. 2381-21-7	Pyrene, 1-methyl-	19.010	348	NJ
13.	Unknown	19.698	540	J
14. 82-05-3	7H-Benz [de] anthracen-7-one	19.830	170	NJ
15. 239-35-0	Benzo [b] naphtho [2,1-d] thioph	19.987	108	NJ
16.	Unknown	20.048	128	J
17. 2498-77-3	Benz [a] anthracene, 1-methyl-	21.003	168	NJ
18.	Unknown	21.063	126	J
19. 198-55-0	Perylene	22.311	647	NJ
20.				
21.				
22.				
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29.				
30.				

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-5

Lab Name: BUCK ENVIRONMENTAL LABS Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004180-10A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 0401004.D

Level: (low/med) LOW Date Received: 04/15/00

% Moisture: 19 decanted: (Y/N) N Date Extracted: 04/21/00

Concentrated Extract Volume: 10000 (UL) Date Analyzed: 05/13/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2-----	Phenol	4110	U
111-44-4-----	bis(-2-Chloroethyl) Ether	4110	U
95-57-8-----	2-Chlorophenol	4110	U
541-73-1-----	1,3-Dichlorobenzene	4110	U
106-46-7-----	1,4-Dichlorobenzene	4110	U
95-50-1-----	1,2-Dichlorobenzene	4110	U
95-48-7-----	2-Methylphenol	4110	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	4110	U
106-44-5-----	4-Methylphenol	4110	U
621-64-7-----	N-Nitroso-di-n-propylamine	4110	U
67-72-1-----	Hexachloroethane	4110	U
98-95-3-----	Nitrobenzene	4110	U
78-59-1-----	Isophorone	4110	U
88-75-5-----	2-Nitrophenol	4110	U
105-67-9-----	2,4-Dimethylphenol	4110	U
120-83-2-----	2,4-Dichlorophenol	4110	U
120-82-1-----	1,2,4-Trichlorobenzene	4110	U
91-20-3-----	Naphthalene	4110	U
106-47-8-----	4-Chloroaniline	4110	U
87-68-3-----	Hexachlorobutadiene	4110	U
111-91-1-----	bis(-2-Chloroethoxy) methane	4110	U
59-50-7-----	4-Chloro-3-Methylphenol	4110	U
91-57-6-----	2-Methylnaphthalene	4110	U
77-47-4-----	Hexachlorocyclopentadiene	4110	U
88-06-2-----	2,4,6-Trichlorophenol	4110	U
95-95-4-----	2,4,5-Trichlorophenol	10300	U
91-58-7-----	2-Chloronaphthalene	4110	U
88-74-4-----	2-Nitroaniline	10300	U
131-11-3-----	Dimethylphthalate	4110	U
208-96-8-----	Acenaphthylene	4110	U
606-20-2-----	2,6-Dinitrotoluene	4110	U
99-09-2-----	3-Nitroaniline	10300	U
83-32-9-----	Acenaphthene	943	J

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-5

Lab Name: BUCK ENVIRONMENTAL LABS Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004180-10A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 0401004.D

Level: (low/med) LOW Date Received: 04/15/00

% Moisture: 19 decanted: (Y/N) N Date Extracted: 04/21/00

Concentrated Extract Volume: 10000 (UL) Date Analyzed: 05/13/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5-----	2,4-Dinitrophenol	10300	U
100-02-7-----	4-Nitrophenol	10300	U
132-64-9-----	Dibenzofuran	4110	U
121-14-2-----	2,4-Dinitrotoluene	4110	U
84-66-2-----	Diethylphthalate	4110	U
7005-72-3-----	4-Chlorophenyl-phenylether	4110	U
86-73-7-----	Fluorene	1240	J
100-01-6-----	4-Nitroaniline	10300	U
534-52-1-----	4,6-Dinitro-2-methylphenol	10300	U
86-30-6-----	N-nitrosodiphenylamine (1)	4110	U
101-55-3-----	4-Bromophenyl-phenylether	4110	U
118-74-1-----	Hexachlorobenzene	4110	U
87-86-5-----	Pentachlorophenol	10300	U
85-01-8-----	Phenanthrene	9350	
120-12-7-----	Anthracene	3350	J
86-74-8-----	Carbazole	1080	J
84-74-2-----	Di-n-butylphthalate	4110	U
206-44-0-----	Fluoranthene	13500	
129-00-0-----	Pyrene	16900	
85-68-7-----	Butylbenzylphthalate	4110	U
91-94-1-----	3,3'-Dichlorobenzidine	4110	U
56-55-3-----	Benzo (a) anthracene	9240	
218-01-9-----	Chrysene	8520	
117-81-7-----	bis(2-Ethylhexyl)phthalate	4110	U
117-84-0-----	Di-n-octylphthalate	4110	U
205-99-2-----	Benzo (b) fluoranthene	7610	
207-08-9-----	Benzo (k) fluoranthene	7790	
50-32-8-----	Benzo (a) pyrene	7780	
193-39-5-----	Indeno (1,2,3-cd) pyrene	5180	
53-70-3-----	Dibenzo (a,h) anthracene	2570	J
191-24-2-----	Benzo (g,h,i) perylene	5650	

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

SB-5

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004180-10A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 0401004.D

Level: (low/med) LOW Date Received: 04/15/00

% Moisture: 19 decanted: (Y/N) N Date Extracted: 04/21/00

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/13/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

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

Number TICs found: 19

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	3.380	3920	J
2. 123-42-2	2-Pentanone, 4-hydroxy-4-met	3.689	80000	NJ
3.	Unknown	4.483	6580	JB
4. 779-02-2	Anthracene, 9-methyl-	16.813	1460	NJ
5. 832-64-4	Phenanthrene, 4-methyl-	16.861	1600	NJ
6. 203-64-5	4H-Cyclopenta[def]phenanthre	17.017	2870	NJ
7. 883-20-5	Phenanthrene, 9-methyl-	17.065	986	NJ
8. 612-94-2	Naphthalene, 2-phenyl-	17.389	1220	NJ
9. 612-94-2	Naphthalene, 2-phenyl-	17.989	1100	NJ
10. 243-42-5	Benzo[b]naphtho[2,3-d]furan	18.663	1160	NJ
11.	Methyl Pyrene Isomer	18.856	1600	J
12.	Methyl Pyrene Isomer	19.025	3040	J
13.	Methyl Pyrene Isomer	19.121	9800	J
14.	Methyl Pyrene Isomer	19.181	8010	J
15.	Unknown	19.218	5990	J
16. 84-15-1	1,1':2',1''-Terphenyl	19.725	5320	NJ
17.	Unknown	20.064	8340	J
18.	Unknown	20.560	5990	J
19. 192-97-2	Benzo[e]pyrene	22.331	6170	NJ
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-1

Lab Name: BUCK ENVIRONMENTAL LABS Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004131-04C

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 1101011.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: 34 decanted: (Y/N) N Date Extracted: 04/18/00

Concentrated Extract Volume: 10000 (UL) Date Analyzed: 05/12/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2-----	Phenol	5010	U
111-44-4-----	bis(-2-Chloroethyl) Ether	5010	U
95-57-8-----	2-Chlorophenol	5010	U
541-73-1-----	1,3-Dichlorobenzene	3110	J
106-46-7-----	1,4-Dichlorobenzene	1760	J
95-50-1-----	1,2-Dichlorobenzene	6550	
95-48-7-----	2-Methylphenol	5010	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	5010	U
106-44-5-----	4-Methylphenol	5010	U
621-64-7-----	N-Nitroso-di-n-propylamine	5010	U
67-72-1-----	Hexachloroethane	5010	U
98-95-3-----	Nitrobenzene	5010	U
78-59-1-----	Isophorone	5010	U
88-75-5-----	2-Nitrophenol	5010	U
105-67-9-----	2,4-Dimethyphenol	5010	U
120-83-2-----	2,4-Dichlorophenol	5010	U
120-82-1-----	1,2,4-Trichlorobenzene	5010	U
91-20-3-----	Naphthalene	1090	J
106-47-8-----	4-Chloroaniline	5010	U
87-68-3-----	Hexachlorobutadiene	5010	U
111-91-1-----	bis(-2-Chloroethoxy) methane	5010	U
59-50-7-----	4-Chloro-3-Methylphenol	5010	U
91-57-6-----	2-Methylnaphthalene	4340	J
77-47-4-----	Hexachlorocyclopentadiene	5010	U
88-06-2-----	2,4,6-Trichlorophenol	5010	U
95-95-4-----	2,4,5-Trichlorophenol	12500	U
91-58-7-----	2-Chloronaphthalene	5010	U
88-74-4-----	2-Nitroaniline	12500	U
131-11-3-----	Dimethylphthalate	5010	U
208-96-8-----	Acenaphthylene	5010	U
606-20-2-----	2,6-Dinitrotoluene	5010	U
99-09-2-----	3-Nitroaniline	12500	U
83-32-9-----	Acenaphthene	5010	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-1

Lab Name: BUCK ENVIRONMENTAL LABS Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004131-04C

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 1101011.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: 34 decanted: (Y/N) N Date Extracted: 04/18/00

Concentrated Extract Volume: 10000 (UL) Date Analyzed: 05/12/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5-----	2,4-Dinitrophenol	12500	U
100-02-7-----	4-Nitrophenol	12500	U
132-64-9-----	Dibenzofuran	5010	U
121-14-2-----	2,4-Dinitrotoluene	5010	U
84-66-2-----	Diethylphthalate	5010	U
7005-72-3-----	4-Chlorophenyl-phenylether	5010	U
86-73-7-----	Fluorene	5010	U
100-01-6-----	4-Nitroaniline	12500	U
534-52-1-----	4,6-Dinitro-2-methylphenol	12500	U
86-30-6-----	N-nitrosodiphenylamine (1)	5010	U
101-55-3-----	4-Bromophenyl-phenylether	5010	U
118-74-1-----	Hexachlorobenzene	5010	U
87-86-5-----	Pentachlorophenol	12500	U
85-01-8-----	Phenanthrene	5010	U
120-12-7-----	Anthracene	5010	U
86-74-8-----	Carbazole	5010	U
84-74-2-----	Di-n-butylphthalate	5010	U
206-44-0-----	Fluoranthene	5010	U
129-00-0-----	Pyrene	1900	J
85-68-7-----	Butylbenzylphthalate	5010	U
91-94-1-----	3,3'-Dichlorobenzidine	5010	U
56-55-3-----	Benzo(a) anthracene	5010	U
218-01-9-----	Chrysene	5010	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	10200	
117-84-0-----	Di-n-octylphthalate	5010	U
205-99-2-----	Benzo(b) fluoranthene	5010	U
207-08-9-----	Benzo(k) fluoranthene	5010	U
50-32-8-----	Benzo(a) pyrene	5010	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	5010	U
53-70-3-----	Dibenzo(a,h)anthracene	5010	U
191-24-2-----	Benzo(g,h,i)perylene	1560	J

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

TP-1

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004131-04C

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 1101011.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: 34 decanted: (Y/N) N Date Extracted: 04/18/00

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/12/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 20 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	3.393	2820	J
2. 123-42-2	2-Pentanone, 4-hydroxy-4-met	3.677	78700	NJ
3.	Unknown	4.472	5200	JB
4.	Methylnaphthalene Isomer	10.124	3090	J
5.	Dimethylnaphthalene Isomer	11.343	5680	J
6.	Dimethylnaphthalene Isomer	11.535	6530	J
7.	Dimethylnaphthalene Isomer	11.583	5500	J
8.	Dimethylnaphthalene Isomer	11.786	2230	J
9.	Trimethylnaphthalene Isomer	12.840	3210	J
10.	Trimethylnaphthalene Isomer	12.912	3080	J
11.	Trimethylnaphthalene Isomer	13.104	4800	J
12.	Trimethylnaphthalene Isomer	13.308	3780	J
13.	Unknown Aliphatic	13.524	2290	J
14. 612-75-9	1,1'-Biphenyl, 3,3'-dimethyl	13.704	1620	NJ
15. 88-19-7	Benzenesulfonamide, 2-methyl	13.992	1960	NJ
16. 70-55-3	Benzenesulfonamide, 4-methyl	14.449	1670	NJ
17.	Unknown Hydrocarbon	14.713	1650	J
18. 117-81-7	1,2-Benzenedicarboxylic acid	17.994	1940	NJ
19.	Unknown	23.047	12900	J
20.	Unknown	23.573	13100	J
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-2

Lab Name: BUCK ENVIRONMENTAL LABS Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004131-05C

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 1201012.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: 30 decanted: (Y/N) N Date Extracted: 04/18/00

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/12/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2-----	Phenol	476	U
111-44-4-----	bis(-2-Chloroethyl) Ether	476	U
95-57-8-----	2-Chlorophenol	476	U
541-73-1-----	1,3-Dichlorobenzene	476	U
106-46-7-----	1,4-Dichlorobenzene	476	U
95-50-1-----	1,2-Dichlorobenzene	476	U
95-48-7-----	2-Methylphenol	476	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	476	U
106-44-5-----	4-Methylphenol	476	U
621-64-7-----	N-Nitroso-di-n-propylamine	476	U
67-72-1-----	Hexachloroethane	476	U
98-95-3-----	Nitrobenzene	476	U
78-59-1-----	Isophorone	476	U
88-75-5-----	2-Nitrophenol	476	U
105-67-9-----	2,4-Dimethyphenol	476	U
120-83-2-----	2,4-Dichlorophenol	476	U
120-82-1-----	1,2,4-Trichlorobenzene	476	U
91-20-3-----	Naphthalene	476	U
106-47-8-----	4-Chloroaniline	476	U
87-68-3-----	Hexachlorobutadiene	476	U
111-91-1-----	bis(-2-Chloroethoxy) methane	476	U
59-50-7-----	4-Chloro-3-Methylphenol	476	U
91-57-6-----	2-Methylnaphthalene	476	U
77-47-4-----	Hexachlorocyclopentadiene	476	U
88-06-2-----	2,4,6-Trichlorophenol	476	U
95-95-4-----	2,4,5-Trichlorophenol	1190	U
91-58-7-----	2-Chloronaphthalene	476	U
88-74-4-----	2-Nitroaniline	1190	U
131-11-3-----	Dimethylphthalate	476	U
208-96-8-----	Acenaphthylene	476	U
606-20-2-----	2,6-Dinitrotoluene	476	U
99-09-2-----	3-Nitroaniline	1190	U
83-32-9-----	Acenaphthene	476	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-2

Lab Name: BUCK ENVIRONMENTAL LABS Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004131-05C

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 1201012.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: 30 decanted: (Y/N) N Date Extracted: 04/18/00

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/12/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5-----	2,4-Dinitrophenol	1190	U
100-02-7-----	4-Nitrophenol	1190	U
132-64-9-----	Dibenzofuran	476	U
121-14-2-----	2,4-Dinitrotoluene	476	U
84-66-2-----	Diethylphthalate	476	U
7005-72-3-----	4-Chlorophenyl-phenylether	476	U
86-73-7-----	Fluorene	476	U
100-01-6-----	4-Nitroaniline	1190	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1190	U
86-30-6-----	N-nitrosodiphenylamine (1)	476	U
101-55-3-----	4-Bromophenyl-phenylether	476	U
118-74-1-----	Hexachlorobenzene	476	U
87-86-5-----	Pentachlorophenol	1190	U
85-01-8-----	Phenanthrene	283	J
120-12-7-----	Anthracene	283	J
86-74-8-----	Carbazole	476	U
84-74-2-----	Di-n-butylphthalate	476	U
206-44-0-----	Fluoranthene	482	
129-00-0-----	Pyrene	370	J
85-68-7-----	Butylbenzylphthalate	476	U
91-94-1-----	3,3'-Dichlorobenzidine	476	U
56-55-3-----	Benzo(a)anthracene	200	J
218-01-9-----	Chrysene	297	J
117-81-7-----	bis(2-Ethylhexyl)phthalate	476	U
117-84-0-----	Di-n-octylphthalate	476	U
205-99-2-----	Benzo(b)fluoranthene	283	J
207-08-9-----	Benzo(k)fluoranthene	262	J
50-32-8-----	Benzo(a)pyrene	201	J
193-39-5-----	Indeno(1,2,3-cd)pyrene	476	U
53-70-3-----	Dibenzo(a,h)anthracene	476	U
191-24-2-----	Benzo(g,h,i)perylene	476	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

TP-2

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004131-05C

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 1201012.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: 30 decanted: (Y/N) N Date Extracted: 04/18/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/12/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 19 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.	Unknown	3.618	13300	JB
2.	Unknown	3.820	15600	JB
3.	Unknown	3.974	2760	J
4. 123-42-2	2-Pentanone, 4-hydroxy-4-met	4.177	5170	NJ
5.	Unknown	8.365	204	J
6. 486-25-9	9H-Fluoren-9-one	15.325	175	NJ
7.	Unknown Aliphatic	16.594	147	J
8. 610-48-0	Anthracene, 1-methyl-	16.846	148	NJ
9. 57-10-3	Hexadecanoic acid	17.074	202	NJ
10.	Unknown Aliphatic	17.363	176	J
11. 2381-21-7	Pyrene, 1-methyl-	19.012	192	NJ
12.	Unknown	19.701	165	J
13. 82-05-3	7H-Benz [de] anthracen-7-one	19.822	153	NJ
14. 112-92-5	1-Octadecanol	20.294	244	NJ
15.	Unknown	21.300	175	J
16.	Unknown	21.859	583	J
17. 13475-75-7	Pentadecane, 8-hexyl-	22.102	442	NJ
18. 198-55-0	Perylene	22.308	1140	NJ
19.	Unknown Aliphatic	22.953	285	J
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-3

Lab Name: BUCK ENVIRONMENTAL LABS Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004131-06C

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 1301013.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: 23 decanted: (Y/N) N Date Extracted: 04/18/00

Concentrated Extract Volume: 10000 (UL) Date Analyzed: 05/12/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	4340	U
111-44-4	bis(-2-Chloroethyl) Ether	4340	U
95-57-8	2-Chlorophenol	4340	U
541-73-1	1,3-Dichlorobenzene	4340	U
106-46-7	1,4-Dichlorobenzene	4340	U
95-50-1	1,2-Dichlorobenzene	4340	U
95-48-7	2-Methylphenol	4340	U
108-60-1	2,2'-oxybis(1-Chloropropane)	4340	U
106-44-5	4-Methylphenol	4340	U
621-64-7	N-Nitroso-di-n-propylamine	4340	U
67-72-1	Hexachloroethane	4340	U
98-95-3	Nitrobenzene	4340	U
78-59-1	Isophorone	4340	U
88-75-5	2-Nitrophenol	4340	U
105-67-9	2,4-Dimethyphenol	4340	U
120-83-2	2,4-Dichlorophenol	4340	U
120-82-1	1,2,4-Trichlorobenzene	4340	U
91-20-3	Naphthalene	4340	U
106-47-8	4-Chloroaniline	4340	U
87-68-3	Hexachlorobutadiene	4340	U
111-91-1	bis(-2-Chloroethoxy) methane	4340	U
59-50-7	4-Chloro-3-Methylphenol	4340	U
91-57-6	2-Methylnaphthalene	4340	U
77-47-4	Hexachlorocyclopentadiene	4340	U
88-06-2	2,4,6-Trichlorophenol	4340	U
95-95-4	2,4,5-Trichlorophenol	10800	U
91-58-7	2-Chloronaphthalene	4340	U
88-74-4	2-Nitroaniline	10800	U
131-11-3	Dimethylphthalate	4340	U
208-96-8	Acenaphthylene	4340	U
606-20-2	2,6-Dinitrotoluene	4340	U
99-09-2	3-Nitroaniline	10800	U
83-32-9	Acenaphthene	4340	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-3

Lab Name: BUCK ENVIRONMENTAL LABS Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004131-06C

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 1301013.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: 23 decanted: (Y/N) N Date Extracted: 04/18/00

Concentrated Extract Volume: 10000 (UL) Date Analyzed: 05/12/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5-----	2,4-Dinitrophenol	10800	U
100-02-7-----	4-Nitrophenol	10800	U
132-64-9-----	Dibenzofuran	4340	U
121-14-2-----	2,4-Dinitrotoluene	4340	U
84-66-2-----	Diethylphthalate	4340	U
7005-72-3-----	4-Chlorophenyl-phenylether	4340	U
86-73-7-----	Fluorene	4340	U
100-01-6-----	4-Nitroaniline	10800	U
534-52-1-----	4,6-Dinitro-2-methylphenol	10800	U
86-30-6-----	N-nitrosodiphenylamine (1)	4340	U
101-55-3-----	4-Bromophenyl-phenylether	4340	U
118-74-1-----	Hexachlorobenzene	4340	U
87-86-5-----	Pentachlorophenol	10800	U
85-01-8-----	Phenanthrene	4340	U
120-12-7-----	Anthracene	4340	U
86-74-8-----	Carbazole	4340	U
84-74-2-----	Di-n-butylphthalate	4340	U
206-44-0-----	Fluoranthene	4340	U
129-00-0-----	Pyrene	4340	U
85-68-7-----	Butylbenzylphthalate	4340	U
91-94-1-----	3,3'-Dichlorobenzidine	4340	U
56-55-3-----	Benzo(a)anthracene	4340	U
218-01-9-----	Chrysene	4340	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	4340	U
117-84-0-----	Di-n-octylphthalate	4340	U
205-99-2-----	Benzo(b)fluoranthene	4340	U
207-08-9-----	Benzo(k)fluoranthene	4340	U
50-32-8-----	Benzo(a)pyrene	4340	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	4340	U
53-70-3-----	Dibenzo(a,h)anthracene	4340	U
191-24-2-----	Benzo(g,h,i)perylene	4340	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

TP-3

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004131-06C

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 1301013.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: 23 decanted: (Y/N) N Date Extracted: 04/18/00

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/12/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 3 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.	Unknown	3.392	4400	J
2. 123-42-2	2-Pentanone, 4-hydroxy-4-met	3.677	104000	NJ
3.	Unknown	4.482	7410	JB
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-4

Lab Name: BUCK ENVIRONMENTAL LABS Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004131-10C

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 1501015.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: 19 decanted: (Y/N) N Date Extracted: 04/18/00

Concentrated Extract Volume: 10000 (UL) Date Analyzed: 05/12/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2-----	Phenol	4100	U
111-44-4-----	bis(-2-Chloroethyl) Ether	4100	U
95-57-8-----	2-Chlorophenol	4100	U
541-73-1-----	1,3-Dichlorobenzene	4100	U
106-46-7-----	1,4-Dichlorobenzene	4100	U
95-50-1-----	1,2-Dichlorobenzene	4100	U
95-48-7-----	2-Methylphenol	4100	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	4100	U
106-44-5-----	4-Methylphenol	4100	U
621-64-7-----	N-Nitroso-di-n-propylamine	4100	U
67-72-1-----	Hexachloroethane	4100	U
98-95-3-----	Nitrobenzene	4100	U
78-59-1-----	Isophorone	4100	U
88-75-5-----	2-Nitrophenol	4100	U
105-67-9-----	2,4-Dimethyphenol	4100	U
120-83-2-----	2,4-Dichlorophenol	4100	U
120-82-1-----	1,2,4-Trichlorobenzene	4100	U
91-20-3-----	Naphthalene	14500	
106-47-8-----	4-Chloroaniline	4100	U
87-68-3-----	Hexachlorobutadiene	4100	U
111-91-1-----	bis(-2-Chloroethoxy) methane	4100	U
59-50-7-----	4-Chloro-3-Methylphenol	4100	U
91-57-6-----	2-Methylnaphthalene	7010	
77-47-4-----	Hexachlorocyclopentadiene	4100	U
88-06-2-----	2,4,6-Trichlorophenol	4100	U
95-95-4-----	2,4,5-Trichlorophenol	10200	U
91-58-7-----	2-Chloronaphthalene	4100	U
88-74-4-----	2-Nitroaniline	10200	U
131-11-3-----	Dimethylphthalate	4100	U
208-96-8-----	Acenaphthylene	4100	U
606-20-2-----	2,6-Dinitrotoluene	4100	U
99-09-2-----	3-Nitroaniline	10200	U
83-32-9-----	Acenaphthene	18300	

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-4

Lab Name: BUCK ENVIRONMENTAL LABS Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004131-10C

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 1501015.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: 19 decanted: (Y/N) N Date Extracted: 04/18/00

Concentrated Extract Volume: 10000 (UL) Date Analyzed: 05/12/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5-----	2,4-Dinitrophenol	10200	U
100-02-7-----	4-Nitrophenol	10200	U
132-64-9-----	Dibenzofuran	16200	
121-14-2-----	2,4-Dinitrotoluene	4100	U
84-66-2-----	Diethylphthalate	4100	U
7005-72-3-----	4-Chlorophenyl-phenylether	4100	U
86-73-7-----	Fluorene	24400	
100-01-6-----	4-Nitroaniline	10200	U
534-52-1-----	4,6-Dinitro-2-methylphenol	10200	U
86-30-6-----	N-nitrosodiphenylamine (1)	4100	U
101-55-3-----	4-Bromophenyl-phenylether	4100	U
118-74-1-----	Hexachlorobenzene	4100	U
87-86-5-----	Pentachlorophenol	10200	U
85-01-8-----	Phenanthrene	120000	E
120-12-7-----	Anthracene	26400	
86-74-8-----	Carbazole	30800	
84-74-2-----	Di-n-butylphthalate	4100	U
206-44-0-----	Fluoranthene	79800	E
129-00-0-----	Pyrene	98400	E
85-68-7-----	Butylbenzylphthalate	4100	U
91-94-1-----	3,3'-Dichlorobenzidine	4100	U
56-55-3-----	Benzo(a)anthracene	61400	E
218-01-9-----	Chrysene	43000	E
117-81-7-----	bis(2-Ethylhexyl)phthalate	1730	J
117-84-0-----	Di-n-octylphthalate	4100	U
205-99-2-----	Benzo(b)fluoranthene	36500	E
207-08-9-----	Benzo(k)fluoranthene	39800	E
50-32-8-----	Benzo(a)pyrene	42500	E
193-39-5-----	Indeno(1,2,3-cd)pyrene	41800	E
53-70-3-----	Dibenzo(a,h)anthracene	20900	
191-24-2-----	Benzo(g,h,i)perylene	52300	E

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

TP-4

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004131-10C

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 1501015.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: 19 decanted: (Y/N) N Date Extracted: 04/18/00

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/12/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 20 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1. 123-42-2	2-Pentanone, 4-hydroxy-4-met	3.677	90300	NJ
2. 7320-53-8	Dibenzofuran, 4-methyl-	14.166	7560	NJ
3. 1430-97-3	9H-Fluorene, 2-methyl-	14.898	6830	NJ
4. 132-65-0	Dibenzothiophene	15.536	13200	NJ
5. 779-02-2	Anthracene, 9-methyl-	16.848	10300	NJ
6. 832-64-4	Phenanthrene, 4-methyl-	16.909	10500	NJ
7. 883-20-5	Phenanthrene, 9-methyl-	16.981	6630	NJ
8. 203-64-5	4H-Cyclopenta[def]phenanthre	17.078	14600	NJ
9.	Unknown	17.416	7900	J
10.	Unknown	17.936	8030	J
11. 2381-21-7	Pyrene, 1-methyl-	19.086	12800	NJ
12.	Unknown	19.183	9210	J
13. 3442-78-2	Pyrene, 2-methyl-	19.244	8000	NJ
14.	Unknown	19.426	95600	JM
15.	Unknown	19.754	6930	J
16. 82-05-3	7H-Benz[de]anthracen-7-one	19.888	8340	NJ
17. 239-35-0	Benzo[b]naphtho[2,1-d]thioph	20.046	9260	NJ
18.	Unknown	20.107	11500	J
19. 198-55-0	Perylene	22.129	2290	NJ
20. 192-97-2	Benzo[e]pyrene	22.361	5150	NJ
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-5

Lab Name: BUCK ENVIRONMENTAL LABS Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004131-11C

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0301003.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: 5 decanted: (Y/N) N Date Extracted: 04/18/00

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/13/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	349	U
111-44-4	bis(-2-Chloroethyl) Ether	349	U
95-57-8	2-Chlorophenol	349	U
541-73-1	1,3-Dichlorobenzene	349	U
106-46-7	1,4-Dichlorobenzene	349	U
95-50-1	1,2-Dichlorobenzene	349	U
95-48-7	2-Methylphenol	349	U
108-60-1	2,2'-oxybis(1-Chloropropane)	349	U
106-44-5	4-Methylphenol	349	U
621-64-7	N-Nitroso-di-n-propylamine	349	U
67-72-1	Hexachloroethane	349	U
98-95-3	Nitrobenzene	349	U
78-59-1	Isophorone	349	U
88-75-5	2-Nitrophenol	349	U
105-67-9	2,4-Dimethyphenol	349	U
120-83-2	2,4-Dichlorophenol	349	U
120-82-1	1,2,4-Trichlorobenzene	349	U
91-20-3	Naphthalene	349	U
106-47-8	4-Chloroaniline	349	U
87-68-3	Hexachlorobutadiene	349	U
111-91-1	bis(-2-Chloroethoxy) methane	349	U
59-50-7	4-Chloro-3-Methylphenol	349	U
91-57-6	2-Methylnaphthalene	349	U
77-47-4	Hexachlorocyclopentadiene	349	U
88-06-2	2,4,6-Trichlorophenol	349	U
95-95-4	2,4,5-Trichlorophenol	873	U
91-58-7	2-Chloronaphthalene	349	U
88-74-4	2-Nitroaniline	873	U
131-11-3	Dimethylphthalate	349	U
208-96-8	Acenaphthylene	349	U
606-20-2	2,6-Dinitrotoluene	349	U
99-09-2	3-Nitroaniline	873	U
83-32-9	Acenaphthene	349	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TP-5

Lab Name: BUCK ENVIRONMENTAL LABS Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004131-11C

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0301003.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: 5 decanted: (Y/N) N Date Extracted: 04/18/00

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/13/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5-----	2,4-Dinitrophenol	873	U
100-02-7-----	4-Nitrophenol	873	U
132-64-9-----	Dibenzofuran	349	U
121-14-2-----	2,4-Dinitrotoluene	349	U
84-66-2-----	Diethylphthalate	349	U
7005-72-3-----	4-Chlorophenyl-phenylether	349	U
86-73-7-----	Fluorene	349	U
100-01-6-----	4-Nitroaniline	873	U
534-52-1-----	4,6-Dinitro-2-methylphenol	873	U
86-30-6-----	N-nitrosodiphenylamine (1)	349	U
101-55-3-----	4-Bromophenyl-phenylether	349	U
118-74-1-----	Hexachlorobenzene	349	U
87-86-5-----	Pentachlorophenol	873	U
85-01-8-----	Phenanthrene	72	J
120-12-7-----	Anthracene	349	U
86-74-8-----	Carbazole	349	U
84-74-2-----	Di-n-butylphthalate	349	U
206-44-0-----	Fluoranthene	157	J
129-00-0-----	Pyrene	181	J
85-68-7-----	Butylbenzylphthalate	349	U
91-94-1-----	3,3'-Dichlorobenzidine	349	U
56-55-3-----	Benzo(a)anthracene	349	U
218-01-9-----	Chrysene	73	J
117-81-7-----	bis(2-Ethylhexyl)phthalate	228	J
117-84-0-----	Di-n-octylphthalate	349	U
205-99-2-----	Benzo(b)fluoranthene	349	U
207-08-9-----	Benzo(k)fluoranthene	349	U
50-32-8-----	Benzo(a)pyrene	349	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	349	U
53-70-3-----	Dibenzo(a,h)anthracene	349	U
191-24-2-----	Benzo(g,h,i)perylene	349	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

TP-5

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004131-11C

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 0301003.D

Level: (low/med) LOW Date Received: 04/12/00

% Moisture: 5 decanted: (Y/N) N Date Extracted: 04/18/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/13/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

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

Number TICs found: 7

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 141-79-7	3-Penten-2-one, 4-methyl-	3.155	236	NJB
2.	Unknown	3.630	5410	JB
3.	Unknown	3.713	3320	JB
4.	Unknown	4.117	171	J
5. 123-42-2	2-Pentanone, 4-hydroxy-4-met	4.567	2630	NJ
6.	Unknown	5.457	326	JB
7.	Unknown	21.861	632	J
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2C
WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

	NYSDEC SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 (TPH) #	S4 (PHL) #	S5 (2FP) #	S6 (TBP) #	S7 (2CP) #	S8 (DCB) #	TOT OUT
01	SBLK00132	38	50	39	24	30	34	36	30	0
02	SBLK00141	36	50	55	42	35	44	40	30	0
03	SBLK00143	46	48	64	42	45	55	53	44	0
04	EQUIPMENTBLA	43	46	47	28	40	54	47	40	0
05	MW-1	52	51	35	55	48	78	59	44	0
06	MW-4	54	50	39	55	50	64	58	46	0
07	MW-4MS	57	50	34	57	51	68	58	52	0
08	MW-4MSD	43	48	36	32	30	45	34	28	0
09	TP-2 AQ	38	41*	44	25	26	24	43	20	1
10	EXP PATH	38	47	38	24	21	28	34	21	0
11	EXP PATHWAY	35	36*	54	17	26	29	30*	29	2
12	MW-3	45	50	24*	46	41	59	52	42	1
13	MBS00132	39	50	52	23	33	40	38	32	0
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QC LIMITS

S1 (NBZ) = Nitrobenzene-d5 (35-114)
S2 (FBP) = 2-Fluorobiphenyl (43-116)
S3 (TPH) = Terphenyl-d14 (33-141)
S4 (PHL) = Phenol-d5 (10-110)
S5 (2FP) = 2-Fluorophenol (21-110)
S6 (TBP) = 2,4,6-Tribromophenol (10-123)
S7 (2CP) = 2-Chlorophenol-d4 (33-110) (advisory)
S8 (DCB) = 1,2-Dichlorobenzene-d4 (16-110) (advisory)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

2D
SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Level: (low/med) LOW

	NYSDEC SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 (TPH) #	S4 (PHL) #	S5 (2FP) #	S6 (TBP) #	S7 (2CP) #	S8 (DCB) #	TOT OUT
01	SBLK00137	46	49	56	48	30	62	50	50	0
02	MBS00137	49	51	45	53	26	62	54	53	0
03	SBLK00142	43	47	46	49	28	60	50	47	0
04	HE-1	39	53	82	52	43	63	54	34	0
05	HE-2	48	52	56	52	26	78	52	51	0
06	HE-3	39	40	47	42	30	63	45	39	0
07	TP-1	63	76	121	75	59	102	77	54	0
08	TP-2	36	37	52	51	19*	76	47	35	1
09	TP-3	60	76	100	70	54	101	71	62	0
10	TP-3MS	63	78	91	72	57	100	75	68	0
11	TP-4	67	78	126	78	59	90	78	64	0
12	SB-3 [6-6.8]	42	60	127	57	41	92	53	33	0
13	SB-4 [8-10]	34	25*	39	66	46	102	63	12*	2
14	TP-3MSD	67	87	133	72	64	90	82	72	0
15	TP-5	34	44	57	40	21*	58	42	40	1
16	SB-5	107	112	83	110	112	102	123	115	0
17	MW-4 [4-6]	33	41	68	41	19*	70	41	28	1
18										
19										
20										
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29										
30										

QC LIMITS

S1 (NBZ) = Nitrobenzene-d5 (23-120)
S2 (FBP) = 2-Fluorobiphenyl (30-115)
S3 (TPH) = Terphenyl-d14 (18-137)
S4 (PHL) = Phenol-d5 (24-113)
S5 (2FP) = 2-Fluorophenol (25-121)
S6 (TBP) = 2,4,6-Tribromophenol (19-122)
S7 (2CP) = 2-Chlorophenol-d4 (20-130) (advisory)
S8 (DCB) = 1,2-Dichlorobenzene-d4 (20-130) (advisory)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

3C
WATER SEMIVOLATILE BLANKX SPIKE RECOVERY

Lab Name: Buck Environmental Labs Contract:
 Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006
 Blank Spike - NYSDEC Sample No.: MBS00132

COMPOUND	SPIKE ADDED (ug/L)	BLANK CONCENTRATION (ug/L)	MBS CONCENTRATION (ug/L)	MBS % REC #	QC. LIMITS REC.
=====	=====	=====	=====	=====	=====
Phenol	75	0	25	33	12-110
2-Chlorophenol	75	0	26	35	27-123
1,4-Dichlorobenzene	50	0	18	36	36- 97
N-Nitroso-di-n-prop. (1)	50	0	22	44	41-116
1,2,4-Trichlorobenzene	50	0	21	43	39- 98
4-Chloro-3-Methylphenol	75	0	29	39	23- 97
Acenaphthene	50	0	23	46	46-118
4-Nitrophenol	75	0	31	42	10- 80
2,4-Dinitrotoluene	50	0	17	34	24- 96
Pentachlorophenol	75	0	31	42	9-103
Pyrene	50	0	15	30	26-127

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
 * Values outside of QC limits

Spike Recovery: 0 out of 11 outside limits

COMMENTS: _____

3D
SOIL SEMIVOLATILE BLANK SPIKE RECOVERY

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Blank Spike - NYSDEC Sample No.: MBS00137 Level(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	BLANK CONCENTRATION (ug/Kg)	MBS CONCENTRATION (ug/Kg)	MBS % REC #	QC. LIMITS REC.
=====	=====	=====	=====	=====	=====
Phenol	2500	0	1120	45	26- 90
2-Chlorophenol	2500	0	1150	46	25-102
1,4-Dichlorobenzene	1670	0	725	44	28-104
N-Nitroso-di-n-prop. (1)	1670	0	990	59	41-126
1,2,4-Trichlorobenzene	1670	0	880	53	38-107
4-Chloro-3-Methylphenol	2500	0	1450	58	26-103
Acenaphthene	1670	0	870	52	31-137
4-Nitrophenol	2500	0	1550	62	11-114
2,4-Dinitrotoluene	1670	0	807	48	28- 89
Pentachlorophenol	2500	0	1540	61	17-109
Pyrene	1670	0	704	42	35-142

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

Spike Recovery: 0 out of 11 outside limits

COMMENTS:

3C
WATER SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Buck Environmental Labs Contract:
Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006
Matrix Spike - NYSDEC Sample No.: MW-4

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
Phenol	78	0	37	48	12-110
2-Chlorophenol	78	0	38	48	27-123
1,4-Dichlorobenzene	52	0	20	39	36- 97
N-Nitroso-di-n-prop. (1)	52	0	31	60	41-116
1,2,4-Trichlorobenzene	52	0	25	47	39- 98
4-Chloro-3-Methylphenol	78	0	45	57	23- 97
Acenaphthene	52	0	26	50	46-118
4-Nitrophenol	78	0	62	79	10- 80
2,4-Dinitrotoluene	52	0	31	59	24- 96
Pentachlorophenol	78	0	72	92	9-103
Pyrene	52	0	14	28	26-127

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
Phenol	77	21	27	56*	42	12-110
2-Chlorophenol	77	23	29	49*	40	27-123
1,4-Dichlorobenzene	52	22	42	7	28	36- 97
N-Nitroso-di-n-prop. (1)	52	23	44	31	38	41-116
1,2,4-Trichlorobenzene	52	22	43	9	28	39- 98
4-Chloro-3-Methylphenol	77	26	33	53*	42	23- 97
Acenaphthene	52	25	49	2	31	46-118
4-Nitrophenol	77	38	49	47	50	10- 80
2,4-Dinitrotoluene	52	18	36	48*	38	24- 96
Pentachlorophenol	77	35	46	67*	50	9-103
Pyrene	52	13	26	7	31	26-127

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 5 out of 11 outside limits
Spike Recovery: 0 out of 22 outside limits

COMMENTS:

3D
SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Buck Environmental Labs Contract:
Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006
Matrix Spike - NYSDEC Sample No.: TP-3 Level (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
Phenol	3330	0	2140	64	26- 90
2-Chlorophenol	3330	0	2170	65	25-102
1,4-Dichlorobenzene	2220	0	1220	55	28-104
N-Nitroso-di-n-prop. (1)	2220	0	1460	66	41-126
1,2,4-Trichlorobenzene	2220	0	1540	69	38-107
4-Chloro-3-Methylphenol	3330	0	2600	78	26-103
Acenaphthene	2220	0	1770	80	31-137
4-Nitrophenol	3330	0	2880	86	11-114
2,4-Dinitrotoluene	2220	0	1140	51	28- 89
Pentachlorophenol	3330	0	2430	73	17-109
Pyrene	2220	0	1850	83	35-142

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
Phenol	3260	2210	68	6	35	26- 90
2-Chlorophenol	3260	2400	74	13	50	25-102
1,4-Dichlorobenzene	2170	1330	61	10	27	28-104
N-Nitroso-di-n-prop. (1)	2170	1510	70	6	38	41-126
1,2,4-Trichlorobenzene	2170	1630	75	8	23	38-107
4-Chloro-3-Methylphenol	3260	2400	74	5	33	26-103
Acenaphthene	2170	1950	90	12	19	31-137
4-Nitrophenol	3260	2260	69	22	50	11-114
2,4-Dinitrotoluene	2170	1150	53	4	47	28- 89
Pentachlorophenol	3260	1870	57	25	47	17-109
Pyrene	2170	2810	129	43*	36	35-142

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 1 out of 11 outside limits
Spike Recovery: 0 out of 22 outside limits

COMMENTS:

4B
SEMIVOLATILE METHOD BLANK SUMMARY

NYSDEC SAMPLE NO.

SBLK00132

Lab Name: BUCK ENVIRONMENTAL LABS

Contract:

Lab Code: 10795

Case No.:

SAS No.:

SDG No.: BEL0006

Lab File ID: 0601006.D

Lab Sample ID: MB-00132

Instrument ID: MSD1

Date Extracted: 04/12/00

Matrix: (soil/water) WATER

Date Analyzed: 05/11/00

Level: (low/med) LOW

Time Analyzed: 1221

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	=====	=====	=====	=====
01	TP-2 AQ	0004132-01C	1401014.D	05/11/99
02	EXP PATH	0004132-02C	1501015.D	05/11/99
03	EXP PATHWAY	0004132-03C	1601016.D	05/11/99
04	MBS00132	MBS00132	0201002.D	05/12/99
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06				
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COMMENTS:

4B
SEMIVOLATILE METHOD BLANK SUMMARY

NYSDEC SAMPLE NO.

SBLK00143

Lab Name: BUCK ENVIRONMENTAL LABS

Contract:

Lab Code: 10795

Case No.:

SAS No.:

SDG No.: BEL0006

Lab File ID: 0801008.D

Lab Sample ID: MB-00143

Instrument ID: MSD1

Date Extracted: 04/21/00

Matrix: (soil/water) WATER

Date Analyzed: 05/11/00

Level: (low/med) LOW

Time Analyzed: 1341

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	=====	=====	=====	=====
01	EQUIPMENTBLA	0004206-01C	0901009.D	05/11/99
02	MW-1	0004206-02C	1001010.D	05/11/99
03	MW-3	0004245-01B	1701017.D	05/11/99
04				
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COMMENTS:

4B
SEMIVOLATILE METHOD BLANK SUMMARY

NYSDEC SAMPLE NO.

SBLK00137

Lab Name: BUCK ENVIRONMENTAL LABS

Contract:

Lab Code: 10795

Case No.:

SAS No.:

SDG No.: BEL0006

Lab File ID: 0401004.D

Lab Sample ID: MB00137

Instrument ID: MSD1

Date Extracted: 04/18/00

Matrix: (soil/water) SOIL

Date Analyzed: 05/12/00

Level: (low/med) LOW

Time Analyzed: 1039

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	MBS00137	MBS00137	0501005.D	05/12/99
02	HE-1	0004131-01B	0801008.D	05/12/99
03	HE-2	0004131-02B	0901009.D	05/12/99
04	HE-3	0004131-03B	1001010.D	05/12/99
05	TP-1	0004131-04C	1101011.D	05/12/99
06	TP-2	0004131-05C	1201012.D	05/12/99
07	TP-3	0004131-06C	1301013.D	05/12/99
08	TP-3MS	0004131-07B	1401014.D	05/12/99
09	TP-4	0004131-10C	1501015.D	05/12/99
10	TP-3MSD	0004131-08B	0201002.D	05/13/99
11	TP-5	0004131-11C	0301003.D	05/13/99
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COMMENTS:

4B
SEMIVOLATILE METHOD BLANK SUMMARY

NYSDEC SAMPLE NO.

SBLK00141

Lab Name: BUCK ENVIRONMENTAL LABS

Contract:

Lab Code: 10795

Case No.:

SAS No.:

SDG No.: BEL0006

Lab File ID: 0701007.D

Lab Sample ID: MB-00141

Instrument ID: MSD1

Date Extracted: 04/20/00

Matrix: (soil/water) WATER

Date Analyzed: 05/11/00

Level: (low/med) LOW

Time Analyzed: 1300

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	=====	=====	=====	=====
01	MW-4	0004206-04C	1101011.D	05/11/99
02	MW-4MS	0004206-05B	1201012.D	05/11/99
03	MW-4MSD	0004206-06B	1301013.D	05/11/99
04				
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07				
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COMMENTS:

4B
SEMIVOLATILE METHOD BLANK SUMMARY

NYSDEC SAMPLE NO.

SBLK00142

Lab Name: BUCK ENVIRONMENTAL LABS Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Lab File ID: 0701007.D Lab Sample ID: MB00142

Instrument ID: MSD1 Date Extracted: 04/21/00

Matrix: (soil/water) SOIL Date Analyzed: 05/12/00

Level: (low/med) LOW Time Analyzed: 1241

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SB-3 [6-6.8]	0004180-05A	1601016.D	05/12/99
02	SB-4 [8-10]	0004180-07A	1701017.D	05/12/99
03	SB-5	0004180-10A	0401004.D	05/13/99
04	MW-4 [4-6]	0004180-11A	0501005.D	05/13/99
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COMMENTS:

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SBLK00132

Lab Name: BUCK ENVIRONMENTAL LABS Contract: _____

Lab Code: 10795 Case No.: _____ SAS No.: _____ SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: MB-00132

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 0601006.D

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

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/12/00

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/11/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2-----	Phenol	10	U
111-44-4-----	bis(-2-Chloroethyl) Ether	10	U
95-57-8-----	2-Chlorophenol	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
95-48-7-----	2-Methylphenol	10	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5-----	4-Methylphenol	10	U
621-64-7-----	N-Nitroso-di-n-propylamine	10	U
67-72-1-----	Hexachloroethane	10	U
98-95-3-----	Nitrobenzene	10	U
78-59-1-----	Isophorone	10	U
88-75-5-----	2-Nitrophenol	10	U
105-67-9-----	2,4-Dimethyphenol	10	U
120-83-2-----	2,4-Dichlorophenol	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
91-20-3-----	Naphthalene	10	U
106-47-8-----	4-Chloroaniline	10	U
87-68-3-----	Hexachlorobutadiene	10	U
111-91-1-----	bis(-2-Chloroethoxy)methane	10	U
59-50-7-----	4-Chloro-3-Methylphenol	10	U
91-57-6-----	2-Methylnaphthalene	10	U
77-47-4-----	Hexachlorocyclopentadiene	10	U
88-06-2-----	2,4,6-Trichlorophenol	10	U
95-95-4-----	2,4,5-Trichlorophenol	25	U
91-58-7-----	2-Chloronaphthalene	10	U
88-74-4-----	2-Nitroaniline	25	U
131-11-3-----	Dimethylphthalate	10	U
208-96-8-----	Acenaphthylene	10	U
606-20-2-----	2,6-Dinitrotoluene	10	U
99-09-2-----	3-Nitroaniline	25	U
83-32-9-----	Acenaphthene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SBLK00132

Lab Name: BUCK ENVIRONMENTAL LABS Contract: _____

Lab Code: 10795 Case No.: _____ SAS No.: _____ SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: MB-00132

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 0601006.D

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

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/12/00

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/11/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5-----	2,4-Dinitrophenol	25	U
100-02-7-----	4-Nitrophenol	25	U
132-64-9-----	Dibenzofuran	10	U
121-14-2-----	2,4-Dinitrotoluene	10	U
84-66-2-----	Diethylphthalate	10	U
7005-72-3-----	4-Chlorophenyl-phenylether	10	U
86-73-7-----	Fluorene	10	U
100-01-6-----	4-Nitroaniline	25	U
534-52-1-----	4,6-Dinitro-2-methylphenol	25	U
86-30-6-----	N-nitrosodiphenylamine (1)	10	U
101-55-3-----	4-Bromophenyl-phenylether	10	U
118-74-1-----	Hexachlorobenzene	10	U
87-86-5-----	Pentachlorophenol	25	U
85-01-8-----	Phenanthrene	10	U
120-12-7-----	Anthracene	10	U
86-74-8-----	Carbazole	10	U
84-74-2-----	Di-n-butylphthalate	10	U
206-44-0-----	Fluoranthene	10	U
129-00-0-----	Pyrene	10	U
85-68-7-----	Butylbenzylphthalate	10	U
91-94-1-----	3,3'-Dichlorobenzidine	10	U
56-55-3-----	Benzo (a) anthracene	10	U
218-01-9-----	Chrysene	10	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	10	U
117-84-0-----	Di-n-octylphthalate	10	U
205-99-2-----	Benzo (b) fluoranthene	10	U
207-08-9-----	Benzo (k) fluoranthene	10	U
50-32-8-----	Benzo (a) pyrene	10	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	10	U
53-70-3-----	Dibenzo (a,h) anthracene	10	U
191-24-2-----	Benzo (g,h,i) perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

SBLK00132

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: MB-00132

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 0601006.D

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

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/12/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/11/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1. _____	_____	_____	_____	_____
2. _____	_____	_____	_____	_____
3. _____	_____	_____	_____	_____
4. _____	_____	_____	_____	_____
5. _____	_____	_____	_____	_____
6. _____	_____	_____	_____	_____
7. _____	_____	_____	_____	_____
8. _____	_____	_____	_____	_____
9. _____	_____	_____	_____	_____
10. _____	_____	_____	_____	_____
11. _____	_____	_____	_____	_____
12. _____	_____	_____	_____	_____
13. _____	_____	_____	_____	_____
14. _____	_____	_____	_____	_____
15. _____	_____	_____	_____	_____
16. _____	_____	_____	_____	_____
17. _____	_____	_____	_____	_____
18. _____	_____	_____	_____	_____
19. _____	_____	_____	_____	_____
20. _____	_____	_____	_____	_____
21. _____	_____	_____	_____	_____
22. _____	_____	_____	_____	_____
23. _____	_____	_____	_____	_____
24. _____	_____	_____	_____	_____
25. _____	_____	_____	_____	_____
26. _____	_____	_____	_____	_____
27. _____	_____	_____	_____	_____
28. _____	_____	_____	_____	_____
29. _____	_____	_____	_____	_____
30. _____	_____	_____	_____	_____

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SBLK00143

Lab Name: BUCK ENVIRONMENTAL LABS Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: MB-00143

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 0801008.D

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

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/21/00

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/11/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

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

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2-----	Phenol	10	U
111-44-4-----	bis(-2-Chloroethyl) Ether	10	U
95-57-8-----	2-Chlorophenol	10	U
541-73-1-----	1,3-Dichlorobenzene	10	U
106-46-7-----	1,4-Dichlorobenzene	10	U
95-50-1-----	1,2-Dichlorobenzene	10	U
95-48-7-----	2-Methylphenol	10	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5-----	4-Methylphenol	10	U
621-64-7-----	N-Nitroso-di-n-propylamine	10	U
67-72-1-----	Hexachloroethane	10	U
98-95-3-----	Nitrobenzene	10	U
78-59-1-----	Isophorone	10	U
88-75-5-----	2-Nitrophenol	10	U
105-67-9-----	2,4-Dimethylphenol	10	U
120-83-2-----	2,4-Dichlorophenol	10	U
120-82-1-----	1,2,4-Trichlorobenzene	10	U
91-20-3-----	Naphthalene	10	U
106-47-8-----	4-Chloroaniline	10	U
87-68-3-----	Hexachlorobutadiene	10	U
111-91-1-----	bis(-2-Chloroethoxy)methane	10	U
59-50-7-----	4-Chloro-3-Methylphenol	10	U
91-57-6-----	2-Methylnaphthalene	10	U
77-47-4-----	Hexachlorocyclopentadiene	10	U
88-06-2-----	2,4,6-Trichlorophenol	10	U
95-95-4-----	2,4,5-Trichlorophenol	25	U
91-58-7-----	2-Chloronaphthalene	10	U
88-74-4-----	2-Nitroaniline	25	U
131-11-3-----	Dimethylphthalate	10	U
208-96-8-----	Acenaphthylene	10	U
606-20-2-----	2,6-Dinitrotoluene	10	U
99-09-2-----	3-Nitroaniline	25	U
83-32-9-----	Acenaphthene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SBLK00143

Lab Name: BUCK ENVIRONMENTAL LABS Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: MB-00143

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 0801008.D

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

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/21/00

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/11/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

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

CAS NO.	COMPOUND	Q
51-28-5-----	2,4-Dinitrophenol	25 U
100-02-7-----	4-Nitrophenol	25 U
132-64-9-----	Dibenzofuran	10 U
121-14-2-----	2,4-Dinitrotoluene	10 U
84-66-2-----	Diethylphthalate	10 U
7005-72-3-----	4-Chlorophenyl-phenylether	10 U
86-73-7-----	Fluorene	10 U
100-01-6-----	4-Nitroaniline	25 U
534-52-1-----	4,6-Dinitro-2-methylphenol	25 U
86-30-6-----	N-nitrosodiphenylamine (1)	10 U
101-55-3-----	4-Bromophenyl-phenylether	10 U
118-74-1-----	Hexachlorobenzene	10 U
87-86-5-----	Pentachlorophenol	25 U
85-01-8-----	Phenanthrene	10 U
120-12-7-----	Anthracene	10 U
86-74-8-----	Carbazole	10 U
84-74-2-----	Di-n-butylphthalate	10 U
206-44-0-----	Fluoranthene	10 U
129-00-0-----	Pyrene	10 U
85-68-7-----	Butylbenzylphthalate	10 U
91-94-1-----	3,3'-Dichlorobenzidine	10 U
56-55-3-----	Benzo(a) anthracene	10 U
218-01-9-----	Chrysene	10 U
117-81-7-----	bis(2-Ethylhexyl)phthalate	10 U
117-84-0-----	Di-n-octylphthalate	10 U
205-99-2-----	Benzo(b) fluoranthene	10 U
207-08-9-----	Benzo(k) fluoranthene	10 U
50-32-8-----	Benzo(a) pyrene	10 U
193-39-5-----	Indeno(1,2,3-cd)pyrene	10 U
53-70-3-----	Dibenzo(a,h) anthracene	10 U
191-24-2-----	Benzo(g,h,i) perylene	10 U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

SBLK00143

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: MB-00143

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 0801008.D

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

% Moisture: decanted: (Y/N) Date Extracted: 04/21/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/11/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

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

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1. _____				
2. _____				
3. _____				
4. _____				
5. _____				
6. _____				
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SBLK00137

Lab Name: BUCK ENVIRONMENTAL LABS Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: MB00137

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 0401004.D

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

% Moisture: 0 decanted: (Y/N) N Date Extracted: 04/18/00

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/12/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2-----	Phenol	333	U
111-44-4-----	bis(-2-Chloroethyl) Ether	333	U
95-57-8-----	2-Chlorophenol	333	U
541-73-1-----	1,3-Dichlorobenzene	333	U
106-46-7-----	1,4-Dichlorobenzene	333	U
95-50-1-----	1,2-Dichlorobenzene	333	U
95-48-7-----	2-Methylphenol	333	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	333	U
106-44-5-----	4-Methylphenol	333	U
621-64-7-----	N-Nitroso-di-n-propylamine	333	U
67-72-1-----	Hexachloroethane	333	U
98-95-3-----	Nitrobenzene	333	U
78-59-1-----	Isophorone	333	U
88-75-5-----	2-Nitrophenol	333	U
105-67-9-----	2,4-Dimethyphenol	333	U
120-83-2-----	2,4-Dichlorophenol	333	U
120-82-1-----	1,2,4-Trichlorobenzene	333	U
91-20-3-----	Naphthalene	333	U
106-47-8-----	4-Chloroaniline	333	U
87-68-3-----	Hexachlorobutadiene	333	U
111-91-1-----	bis(-2-Chloroethoxy) methane	333	U
59-50-7-----	4-Chloro-3-Methylphenol	333	U
91-57-6-----	2-Methylnaphthalene	333	U
77-47-4-----	Hexachlorocyclopentadiene	333	U
88-06-2-----	2,4,6-Trichlorophenol	333	U
95-95-4-----	2,4,5-Trichlorophenol	833	U
91-58-7-----	2-Chloronaphthalene	333	U
88-74-4-----	2-Nitroaniline	833	U
131-11-3-----	Dimethylphthalate	333	U
208-96-8-----	Acenaphthylene	333	U
606-20-2-----	2,6-Dinitrotoluene	333	U
99-09-2-----	3-Nitroaniline	833	U
83-32-9-----	Acenaphthene	333	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SBLK00137

Lab Name: BUCK ENVIRONMENTAL LABS Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: MB00137

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 0401004.D

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

% Moisture: 0 decanted: (Y/N) N Date Extracted: 04/18/00

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/12/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5-----	2,4-Dinitrophenol	833	U
100-02-7-----	4-Nitrophenol	833	U
132-64-9-----	Dibenzofuran	333	U
121-14-2-----	2,4-Dinitrotoluene	333	U
84-66-2-----	Diethylphthalate	333	U
7005-72-3-----	4-Chlorophenyl-phenylether	333	U
86-73-7-----	Fluorene	333	U
100-01-6-----	4-Nitroaniline	833	U
534-52-1-----	4,6-Dinitro-2-methylphenol	833	U
86-30-6-----	N-nitrosodiphenylamine (1)	333	U
101-55-3-----	4-Bromophenyl-phenylether	333	U
118-74-1-----	Hexachlorobenzene	333	U
87-86-5-----	Pentachlorophenol	833	U
85-01-8-----	Phenanthrene	333	U
120-12-7-----	Anthracene	333	U
86-74-8-----	Carbazole	333	U
84-74-2-----	Di-n-butylphthalate	333	U
206-44-0-----	Fluoranthene	333	U
129-00-0-----	Pyrene	333	U
85-68-7-----	Butylbenzylphthalate	333	U
91-94-1-----	3,3'-Dichlorobenzidine	333	U
56-55-3-----	Benzo (a) anthracene	333	U
218-01-9-----	Chrysene	333	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	333	U
117-84-0-----	Di-n-octylphthalate	333	U
205-99-2-----	Benzo (b) fluoranthene	333	U
207-08-9-----	Benzo (k) fluoranthene	333	U
50-32-8-----	Benzo (a) pyrene	333	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	333	U
53-70-3-----	Dibenzo (a,h) anthracene	333	U
191-24-2-----	Benzo (g,h,i) perylene	333	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

SBLK00137

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: MB00137

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 0401004.D

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

% Moisture: 0 decanted: (Y/N) N Date Extracted: 04/18/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/12/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

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

Number TICs found: 5

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1. 141-79-7	3-Penten-2-one, 4-methyl-	3.179	307	NJ
2.	Unknown	3.570	2120	J
3.	Unknown	3.725	19300	J
4.	Unknown	4.543	2260	J
5.	Unknown	5.443	255	J
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SBLK00141

Lab Name: BUCK ENVIRONMENTAL LABS Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: MB-00141

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 0701007.D

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

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/20/00

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/11/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(-2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethyphenol	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
111-91-1	bis(-2-Chloroethoxy) methane	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SBLK00141

Lab Name: BUCK ENVIRONMENTAL LABS Contract: _____

Lab Code: 10795 Case No.: _____ SAS No.: _____ SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: MB-00141

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 0701007.D

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

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/20/00

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/11/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5-----	2,4-Dinitrophenol_____	25	U
100-02-7-----	4-Nitrophenol_____	25	U
132-64-9-----	Dibenzofuran_____	10	U
121-14-2-----	2,4-Dinitrotoluene_____	10	U
84-66-2-----	Diethylphthalate_____	10	U
7005-72-3-----	4-Chlorophenyl-phenylether_____	10	U
86-73-7-----	Fluorene_____	10	U
100-01-6-----	4-Nitroaniline_____	25	U
534-52-1-----	4,6-Dinitro-2-methylphenol_____	25	U
86-30-6-----	N-nitrosodiphenylamine (1)_____	10	U
101-55-3-----	4-Bromophenyl-phenylether_____	10	U
118-74-1-----	Hexachlorobenzene_____	10	U
87-86-5-----	Pentachlorophenol_____	25	U
85-01-8-----	Phenanthrene_____	10	U
120-12-7-----	Anthracene_____	10	U
86-74-8-----	Carbazole_____	10	U
84-74-2-----	Di-n-butylphthalate_____	10	U
206-44-0-----	Fluoranthene_____	10	U
129-00-0-----	Pyrene_____	10	U
85-68-7-----	Butylbenzylphthalate_____	10	U
91-94-1-----	3,3'-Dichlorobenzidine_____	10	U
56-55-3-----	Benzo (a) anthracene_____	10	U
218-01-9-----	Chrysene_____	10	U
117-81-7-----	bis(2-Ethylhexyl)phthalate_____	3	J
117-84-0-----	Di-n-octylphthalate_____	10	U
205-99-2-----	Benzo (b) fluoranthene_____	10	U
207-08-9-----	Benzo (k) fluoranthene_____	10	U
50-32-8-----	Benzo (a) pyrene_____	10	U
193-39-5-----	Indeno (1,2,3-cd) pyrene_____	10	U
53-70-3-----	Dibenzo (a,h) anthracene_____	10	U
191-24-2-----	Benzo (g,h,i) perylene_____	10	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

SBLK00141

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) WATER Lab Sample ID: MB-00141

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 0701007.D

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

% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 04/20/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/11/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

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

Number TICs found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.	Unknown	13.570	2	J
2.	Unknown	21.846	4	J
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SBLK00142

Lab Name: BUCK ENVIRONMENTAL LABS Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: MB00142

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 0701007.D

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

% Moisture: 0 decanted: (Y/N) N Date Extracted: 04/21/00

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/12/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2-----	Phenol	333	U
111-44-4-----	bis(-2-Chloroethyl) Ether	333	U
95-57-8-----	2-Chlorophenol	333	U
541-73-1-----	1,3-Dichlorobenzene	333	U
106-46-7-----	1,4-Dichlorobenzene	333	U
95-50-1-----	1,2-Dichlorobenzene	333	U
95-48-7-----	2-Methylphenol	333	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	333	U
106-44-5-----	4-Methylphenol	333	U
621-64-7-----	N-Nitroso-di-n-propylamine	333	U
67-72-1-----	Hexachloroethane	333	U
98-95-3-----	Nitrobenzene	333	U
78-59-1-----	Isophorone	333	U
88-75-5-----	2-Nitrophenol	333	U
105-67-9-----	2,4-Dimethyphenol	333	U
120-83-2-----	2,4-Dichlorophenol	333	U
120-82-1-----	1,2,4-Trichlorobenzene	333	U
91-20-3-----	Naphthalene	333	U
106-47-8-----	4-Chloroaniline	333	U
87-68-3-----	Hexachlorobutadiene	333	U
111-91-1-----	bis(-2-Chloroethoxy)methane	333	U
59-50-7-----	4-Chloro-3-Methylphenol	333	U
91-57-6-----	2-Methylnaphthalene	333	U
77-47-4-----	Hexachlorocyclopentadiene	333	U
88-06-2-----	2,4,6-Trichlorophenol	333	U
95-95-4-----	2,4,5-Trichlorophenol	833	U
91-58-7-----	2-Chloronaphthalene	333	U
88-74-4-----	2-Nitroaniline	833	U
131-11-3-----	Dimethylphthalate	333	U
208-96-8-----	Acenaphthylene	333	U
606-20-2-----	2,6-Dinitrotoluene	333	U
99-09-2-----	3-Nitroaniline	833	U
83-32-9-----	Acenaphthene	333	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SBLK00142

Lab Name: BUCK ENVIRONMENTAL LABS Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: MB00142

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 0701007.D

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

% Moisture: 0 decanted: (Y/N) N Date Extracted: 04/21/00

Concentrated Extract Volume: 1000 (UL) Date Analyzed: 05/12/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
			Q
51-28-5-----	2,4-Dinitrophenol	833	U
100-02-7-----	4-Nitrophenol	833	U
132-64-9-----	Dibenzofuran	333	U
121-14-2-----	2,4-Dinitrotoluene	333	U
84-66-2-----	Diethylphthalate	333	U
7005-72-3-----	4-Chlorophenyl-phenylether	333	U
86-73-7-----	Fluorene	333	U
100-01-6-----	4-Nitroaniline	833	U
534-52-1-----	4,6-Dinitro-2-methylphenol	833	U
86-30-6-----	N-nitrosodiphenylamine (1)	333	U
101-55-3-----	4-Bromophenyl-phenylether	333	U
118-74-1-----	Hexachlorobenzene	333	U
87-86-5-----	Pentachlorophenol	833	U
85-01-8-----	Phenanthrene	333	U
120-12-7-----	Anthracene	333	U
86-74-8-----	Carbazole	333	U
84-74-2-----	Di-n-butylphthalate	333	U
206-44-0-----	Fluoranthene	333	U
129-00-0-----	Pyrene	333	U
85-68-7-----	Butylbenzylphthalate	333	U
91-94-1-----	3,3'-Dichlorobenzidine	333	U
56-55-3-----	Benzo(a) anthracene	333	U
218-01-9-----	Chrysene	333	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	141	J
117-84-0-----	Di-n-octylphthalate	333	U
205-99-2-----	Benzo(b) fluoranthene	333	U
207-08-9-----	Benzo(k) fluoranthene	333	U
50-32-8-----	Benzo(a) pyrene	333	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	333	U
53-70-3-----	Dibenzo(a,h) anthracene	333	U
191-24-2-----	Benzo(g,h,i) perylene	333	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

SBLK00142

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: MB00142

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 0701007.D

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

% Moisture: 0 decanted: (Y/N) N Date Extracted: 04/21/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/12/00

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

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

Number TICs found: 7

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1. 141-79-7	3-Penten-2-one, 4-methyl-	3.167	305	NJ
2.	Unknown	3.654	8810	J
3.	Unknown	3.903	3790	J
4.	Unknown	4.129	183	J
5.	Unknown	4.579	2890	J
6.	Unknown	5.456	215	J
7.	Unknown	21.852	591	J
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8B
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Buck Environmental Labs Contract:
 Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL00
 Lab File ID (Standard): 0401004.D Date Analyzed: 05/11/00
 Instrument ID: MSD1 Time Analyzed: 1059

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	1592773	5.77	5028498	8.30	2869665	12.30
UPPER LIMIT	3185546	6.27	10056996	8.80	5739330	12.80
LOWER LIMIT	796386	5.27	2514249	7.80	1434832	11.80
=====	=====	=====	=====	=====	=====	=====
NYSDEC SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 SBLK00132	2223380	5.77	7117882	8.29	4013011	12.30
02 SBLK00141	1892661	5.77	6056394	8.29	3351911	12.30
03 SBLK00143	2040970	5.77	6514737	8.29	3685534	12.30
04 EQUIPMENTBLA	2486552	5.77	7754575	8.29	4353189	12.31
05 MW-1	1890838	5.77	5766723	8.29	3376332	12.31
06 MW-4	1941819	5.77	6206112	8.30	3450329	12.30
07 MW-4MS	2222041	5.77	7139482	8.30	4256909	12.31
08 MW-4MSD	2581898	5.76	8024053	8.30	4690604	12.31
09 TP-2 AQ	1970390	5.77	6113544	8.29	3472380	12.30
10 EXP_PATH	2271639	5.76	7100270	8.29	3916878	12.29
11 EXP_PATHWAY	1928421	5.77	6100489	8.29	3411705	12.30
12 MW-3	1600394	5.76	5213636	8.29	2923686	12.30
13						
14						
15						
16						
17						
18						
19						
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22						

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = + 0.50 minutes of internal standard RT
 RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Buck Environmental Labs Contract:
 Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL00
 Lab File ID (Standard): 0401004.D Date Analyzed: 05/11/00
 Instrument ID: MSD1 Time Analyzed: 1059

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	4155764	15.72	2685013	20.37	1616163	22.44
UPPER LIMIT	8311528	16.22	5370026	20.87	3232326	22.94
LOWER LIMIT	2077882	15.22	1342506	19.87	808082	21.94
=====	=====	=====	=====	=====	=====	=====
NYSDEC SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 SBLK00132	5492207	15.71	4298714	20.36	3035394	22.44
02 SBLK00141	4429900	15.71	3025928	20.36	1599760	22.43
03 SBLK00143	4897707	15.71	2982127	20.36	1292561	22.44
04 EQUIPMENTBLA	6284700	15.71	4458868	20.37	2820234	22.44
05 MW-1	4629725	15.72	3029184	20.37	1956535	22.43
06 MW-4	4734417	15.71	2965424	20.36	1555180	22.43
07 MW-4MS	5750168	15.71	4734947	20.36	3022704	22.44
08 MW-4MSD	6315271	15.72	4289583	20.37	2882547	22.43
09 TP-2 AQ	4558092	15.71	2746774	20.37	1369994	22.44
10 EXP PATH	5212551	15.72	3749073	20.36	2241285	22.44
11 EXP PATHWAY	4812932	15.71	3209397	20.37	2013550	22.44
12 MW-3	4117317	15.71	2769069	20.37	2552831	22.44
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = + 0.50 minutes of internal standard RT
 RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

8B
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Buck Environmental Labs Contract:
 Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL00
 Lab File ID (Standard): 0101001.D Date Analyzed: 05/12/00
 Instrument ID: MSD1 Time Analyzed: 0823

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	1659117	5.77	5266649	8.31	2914052	12.32
UPPER LIMIT	3318234	6.27	10533298	8.81	5828104	12.82
LOWER LIMIT	829558	5.27	2633324	7.81	1457026	11.82
=====	=====	=====	=====	=====	=====	=====
NYSDEC SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 MBS00132	2250346	5.77	7180130	8.30	4171108	12.31
02 SBLK00137	1608907	5.80	6393480	8.31	3759727	12.31
03 MBS00137	1615173	5.81	6459728	8.31	3924037	12.31
04 SBLK00142	1485983	5.81	5987958	8.31	3586787	12.31
05 HE-1	2005021	5.77	6566927	8.31	3646824	12.31
06 HE-2	1709726	5.80	6828727	8.31	4091542	12.31
07 HE-3	1835342	5.78	7260802	8.30	4555976	12.31
08 TP-1	2113629	5.78	7278173	8.30	4335094	12.31
09 TP-2	1510970	5.77	6501956	8.31	4196744	12.31
10 TP-3	2121020	5.79	7352129	8.30	4324630	12.31
11 TP-3MS	2470650	5.79	8604601	8.31	4978481	12.32
12 TP-4	2468701	5.79	8345164	8.31	5221424	12.33
13 SB-3 [6-6.8]	2860097	5.79	9659289	8.31	5718649	12.32
14 SB-4 [8-10]	916313	5.79	3298931	8.31	2718490	12.31
15						
16						
17						
18						
19						
20						
21						
22						

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = + 0.50 minutes of internal standard RT
 RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Buck Environmental Labs Contract:
 Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL00
 Lab File ID (Standard): 0101001.D Date Analyzed: 05/12/00
 Instrument ID: MSD1 Time Analyzed: 0823

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	4184508	15.72	2611591	20.38	1647939	22.44
UPPER LIMIT	8369016	16.22	5223182	20.88	3295878	22.94
LOWER LIMIT	2092254	15.22	1305796	19.88	823970	21.94
=====	=====	=====	=====	=====	=====	=====
NYSDEC SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 MBS00132	5536196	15.72	3413646	20.38	1814473	22.44
02 SBLK00137	5331550	15.72	3644756	20.38	2121271	22.44
03 MBS00137	5421909	15.72	4022260	20.37	2416908	22.44
04 SBLK00142	4946922	15.71	3573700	20.38	2247709	22.44
05 HE-1	4904331	15.71	3017231	20.37	1977197	22.44
06 HE-2	6146461	15.73	4440294	20.37	2940370	22.45
07 HE-3	7633173	15.73	4448894	20.38	1683790	22.45
08 TP-1	6770576	15.74	1975074	20.41	852751	22.47
09 TP-2	6826051	15.73	5175487	20.39	1902163	22.45
10 TP-3	6702002	15.73	3945670	20.39	1366617	22.46
11 TP-3MS	7645000	15.73	4899699	20.38	2074383	22.45
12 TP-4	4617512	15.79	1746674	20.47	874563	22.48
13 SB-3 [6-6.8]	8299068	15.75	1660271	20.42	858509	22.48
14 SB-4 [8-10]	6729155	15.73	4102492	20.39	1782713	22.46
15						
16						
17						
18						
19						
20						
21						
22						

IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = + 0.50 minutes of internal standard RT
 RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

8B
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Buck Environmental Labs Contract:
 Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL00
 Lab File ID (Standard): 0101001.D Date Analyzed: 05/13/00
 Instrument ID: MSD1 Time Analyzed: 0952

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	2232362	5.79	7299761	8.32	4319066	12.33
UPPER LIMIT	4464724	6.29	14599522	8.82	8638132	12.83
LOWER LIMIT	1116181	5.29	3649880	7.82	2159533	11.83
=====	=====	=====	=====	=====	=====	=====
NYSDEC SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 TP-3MSD	2819807	5.79	10083535	8.30	5903176	12.32
02 TP-5	2093712	5.81	9142044	8.32	5635230	12.32
03 SB-5	2962946	5.79	10565526	8.31	6289813	12.32
04 MW-4 [4-6]	2454519	5.82	9845990	8.33	6209376	12.34
05						
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17						
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19						
20						
21						
22						

IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = + 0.50 minutes of internal standard RT
 RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Buck Environmental Labs Contract:
 Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL00
 Lab File ID (Standard): 0101001.D Date Analyzed: 05/13/00
 Instrument ID: MSD1 Time Analyzed: 0952

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	6726626	15.74	3090002	20.41	947443	22.47
UPPER LIMIT	13453252	16.24	6180004	20.91	1894886	22.97
LOWER LIMIT	3363313	15.24	1545001	19.91	473722	21.97
=====	=====	=====	=====	=====	=====	=====
NYSDEC SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 TP-3MSD	9175990	15.74	3742967	20.39	1168057	22.48
02 TP-5	8661549	15.74	3943165	20.40	1373738	22.47
03 SB-5	9530808	15.75	3720817	20.40	1268766	22.48
04 MW-4 [4-6]	8136879	15.75	1720087	20.41	616799	22.49
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Chrysene-d12
 IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = + 0.50 minutes of internal standard RT
 RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

PESTICIDES/PCB's
SAMPLE DATA SUMMARY

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-3

Lab Name: Buck Environmental Labs, Inc. Contract: _____

Lab Code: 10795 Case No.: Z UNITED SAS No.: _____ SDG No.: BEL0006

Matrix: (soil/water) SOIL Lab Sample ID: 0004131-06C

Sample wt/vol: 30 (g/mL) G Lab File ID: 3101031.D

% Moisture: not dec. 23.8 Date Received: 4/12/00

Extraction: (SepF/Cont/Sonc) Sonc Date Extracted: 4/22/00

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 5/3/00

Injection Volume: 1 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0 Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
72-54-8	4,4'-DDD	4.3	U	
72-55-9	4,4'-DDE	4.3	U	
50-29-3	4,4'-DDT	4.3	U	
309-00-2	Aldrin	2.2	U	
319-84-6	alpha-BHC	2.2	U	
5103-71-9	alpha-Chlordane	2.2	U	
12674-11-2	Aroclor 1016	43	U	
11104-28-2	Aroclor 1221	88	U	
11141-16-5	Aroclor 1232	43	U	
53469-21-9	Aroclor 1242	43	U	
12672-29-6	Aroclor 1248	43	U	
11097-69-1	Aroclor 1254	43	U	
11096-82-5	Aroclor 1260	43	U	
319-85-7	beta-BHC	2.2	U	
319-86-8	delta-BHC	2.2	U	
60-57-1	Dieldrin	4.3	U	
959-98-8	Endosulfan I	2.2	U	
33213-65-9	Endosulfan II	4.3	U	
1031-07-8	Endosulfan sulfate	4.3	U	
72-20-8	Endrin	4.3	U	
7421-93-4	Endrin aldehyde	4.3	U	
53494-70-5	Endrin ketone	4.3	U	
58-89-9	gamma-BHC	2.2	U	
5103-74-2	gamma-Chlordane	2.2	U	
76-44-8	Heptachlor	2.2	U	
1024-57-3	Heptachlor epoxide	2.2	U	
72-43-5	Methoxychlor	22	U	
8001-35-2	Toxaphene	220	U	

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-4

Lab Name: Buck Environmental Labs, Inc.

Contract:

Lab Code: 10795

Case No.: Z UNITED SAS No.:

SDG No.: BEL0006

Matrix: (soil/water)

SOIL

Lab Sample ID: 0004131-10C

Sample wt/vol: 30

(g/mL) G

Lab File ID: 3201032.D

% Moisture: not dec. 18.9

Date Received: 4/12/00

Extraction: (SepF/Cont/Sonc)

Sonc

Date Extracted: 4/22/00

Concentrated Extract Volume:

10000

(uL)

Date Analyzed: 5/3/00

Injection Volume:

1

(uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N

pH: 6.0

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
72-54-8	4,4'-DDD	4.1	U	
72-55-9	4,4'-DDE	4.1	U	
50-29-3	4,4'-DDT	4.1	U	
309-00-2	Aldrin	2.1	U	
319-84-6	alpha-BHC	2.1	U	
5103-71-9	alpha-Chlordane	2.1	U	
12674-11-2	Aroclor 1016	41	U	
11104-28-2	Aroclor 1221	83	U	
11141-16-5	Aroclor 1232	41	U	
53469-21-9	Aroclor 1242	41	U	
12672-29-6	Aroclor 1248	41	U	
11097-69-1	Aroclor 1254	41	U	
11096-82-5	Aroclor 1260	41	U	
319-85-7	beta-BHC	2.1	U	
319-86-8	delta-BHC	2.1	U	
60-57-1	Dieldrin	4.1	U	
959-98-8	Endosulfan I	2.1	U	
33213-65-9	Endosulfan II	4.1	U	
1031-07-8	Endosulfan sulfate	4.1	U	
72-20-8	Endrin	4.1	U	
7421-93-4	Endrin aldehyde	4.1	U	
53494-70-5	Endrin ketone	4.1	U	
58-89-9	gamma-BHC	2.1	U	
5103-74-2	gamma-Chlordane	2.1	U	
76-44-8	Heptachlor	2.1	U	
1024-57-3	Heptachlor epoxide	2.1	U	
72-43-5	Methoxychlor	21	U	
8001-35-2	Toxaphene	210	U	

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-5

Lab Name: Buck Environmental Labs, Inc.

Contract:

Lab Code: 10795

Case No.: Z UNITED SAS No.:

SDG No.: BEL0006

Matrix: (soil/water) SOIL

Lab Sample ID: 0004131-11C

Sample wt/vol: 30 (g/mL) G

Lab File ID: 3301033.D

% Moisture: not dec. 4.9

Date Received: 4/12/00

Extraction: (SepF/Cont/Sonc) Sonc

Date Extracted: 4/22/00

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 5/3/00

Injection Volume: 1 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	Q
72-54-8	4,4'-DDD		3.5	U
72-55-9	4,4'-DDE		3.5	U
50-29-3	4,4'-DDT		3.5	U
309-00-2	Aldrin		1.8	U
319-84-6	alpha-BHC		1.8	U
5103-71-9	alpha-Chlordane		1.8	U
12674-11-2	Aroclor 1016		35	U
11104-28-2	Aroclor 1221		70	U
11141-16-5	Aroclor 1232		35	U
53469-21-9	Aroclor 1242		35	U
12672-29-6	Aroclor 1248		35	U
11097-69-1	Aroclor 1254		35	U
11096-82-5	Aroclor 1260		35	U
319-85-7	beta-BHC		1.8	U
319-86-8	delta-BHC		1.8	U
60-57-1	Dieldrin		3.5	U
959-98-8	Endosulfan I		1.8	U
33213-65-9	Endosulfan II		3.5	U
1031-07-8	Endosulfan sulfate		3.5	U
72-20-8	Endrin		3.5	U
7421-93-4	Endrin aldehyde		3.5	U
53494-70-5	Endrin ketone		3.5	U
58-89-9	gamma-BHC		1.8	U
5103-74-2	gamma-Chlordane		1.8	U
76-44-8	Heptachlor		1.8	U
1024-57-3	Heptachlor epoxide		1.8	U
72-43-5	Methoxychlor		18	U
8001-35-2	Toxaphene		180	U

2F
SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: Buck Environmental Labs, Inc.

Contract:

Lab Code: 10795

Case No.: Z UNITED SAS No

SDG No.: BEL0006

GC Column(1): RTX35 ID: .53

(mm)

GC Column(2): RTX5, ID: .53

(mm)

	EPA SAMPLE NO.	% REC1 DCB #	% REC2 DCB2 #	% REC3 TCX #	% REC4 TCX2 #				TOT OUT
01	MB-00145	78	78	99	98				0
02	TP-3	78	79	97	93				0
03	TP-4	65	65	81	80				0
04	TP-5	71	71	86	83				0
05	LCS-00145	43	54	54	63				0
06	TP-3MS	75	75	97	100				0
07	TP-3MSD	78	76	96	97				0

QC Limits

REC1	DCB	= Decachlorobiphenyl	30-150
REC2	DCB2	= Decachlorobiphenyl	30-150
REC3	TCX	= Tetrachloro-m-xylene	30-150
REC4	TCX2	= Tetrachloro-m-xylene	30-150

Column to be used to flag recovery values

* Values outside of contract required QC limits

3A
SYSTEM MONITORING SPIKE RECOVERY

Lab Name: Buck Environmental Labs Contract: _____

Lab Code: 10795 Case No.: Z UNI SAS No.: _____ SDG No.: BEL0006

Sample ID LCS-00145 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (µg/Kg-dry)	SAMPLE CONCENTRATION (µg/Kg-dry)	SPIKE CONCENTRATION (µg/Kg-dry)	SPIKE % REC #	QC. LIMITS REC.
4,4'-DDT	17	0	13	78	38-127
Aldrin	8.3	0	7.1	85	40-120
Dieldrin	17	0	15	92	52-126
Endrin	17	0	15	89	56-121
gamma-BHC	8.3	0	7.4	89	56-123
Heptachlor	8.3	0	6.2	75	40-131

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 6 outside limits

COMMENTS: _____

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Buck Environmental Labs, Inc. Contract: _____Lab Code: 10795 Case No.: Z UNI SAS No.: _____ SDG No.: BEL0006Matrix Spike - EPA Sample No.: TP-3Rtx-35

COMPOUND	SPIKE ADDED (µg/Kg-dry)	SAMPLE CONCENTRATION (µg/Kg-dry)	MS CONCENTRATION (µg/Kg-dry)	MS % REC #	QC LIMITS REC.
4,4'-DDT	44	0	35	80	23-134
Aldrin	22	0	18	82	34-132
Dieldrin	44	0	40	91	31-134
Endrin	44	0	40	91	42-139
gamma-BHC	22	0	20	91	46-127
Heptachlor	22	0	18	82	35-130

COMPOUND	SPIKE ADDED (µg/Kg-dry)	MSD CONCENTRATION (µg/Kg-dry)	MSD % REC #	% RPD #	QC LIMITS	
4,4'-DDT	44	39	90	13	50	23-134
Aldrin	22	19	85	3	43	34-132
Dieldrin	44	40	92	3	38	31-134
Endrin	44	44	101	10	45	42-139
gamma-BHC	22	20	93	3	50	46-127
Heptachlor	22	20	91	11	31	35-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 6 outside limitsSpike Recovery: 0 out of 12 outside limits

COMMENTS: _____

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Buck Environmental Labs, Inc. Contract: _____Lab Code: 10795 Case No.: Z UNI SAS No.: _____ SDG No.: BEL0006Matrix Spike - EPA Sample No.: TP-3R+L-5

COMPOUND	SPIKE ADDED (µg/Kg-dry)	SAMPLE CONCENTRATION (µg/Kg-dry)	MS CONCENTRATION (µg/Kg-dry)	MS % REC #	QC LIMITS REC.
4,4'-DDT	44	0	34	77	23-134
Aldrin	22	0	17	77	34-132
Dieldrin	44	0	39	89	31-134
Endrin	44	0	38	86	42-139
gamma-BHC	22	0	20	91	46-127
Heptachlor	22	0	21	95	35-130

COMPOUND	SPIKE ADDED (µg/Kg-dry)	MSD CONCENTRATION (µg/Kg-dry)	MSD % REC #	% RPD #	QC LIMITS	
4,4'-DDT	44	40	91	16	50	23-134
Aldrin	22	18	83	6	43	34-132
Dieldrin	44	39	89	1	38	31-134
Endrin	44	41	94	9	45	42-139
gamma-BHC	22	20	91	2	50	46-127
Heptachlor	22	22	99	6	31	35-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 6 outside limitsSpike Recovery: 0 out of 12 outside limits

COMMENTS: _____

MB-00145

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No.: Z UNITED SAS No. SDG No.: BEL0006Lab Sample ID: MB-00145 Lab File ID: 3001030.DMatrix: (soil/water) S Extraction: (SepF/Cont/Sonc) SoncSulfur Cleanup: (Y/N) N Date Extracted: 4/22/00Date Analyzed (1): 5/3/00 Date Analyzed (2): 5/3/00Time Analyzed (1): 7:19 Time Analyzed (2): 7:19Instrument ID (1): PestGC1 Instrument ID (2): PestGC1GC Column (1): RTX35, ID: .53 (mm) GC Column (2): RTX5, ID: .53 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
1	TP-3	0004131-06C	5/3/00	5/3/00
2	TP-4	0004131-10C	5/3/00	5/3/00
3	TP-5	0004131-11C	5/3/00	5/3/00
4	LCS-00145	LCS-00145	5/3/00	5/3/00
5	TP-3MS	0004131-07B	5/3/00	5/3/00
6	TP-3MSD	0004131-08B	5/3/00	5/3/00

COMMENTS:

METALS

SAMPLE DATA SUMMARY

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

HE-1

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Matrix (soil/water): SOIL Lab Sample ID: 0004131-01Level (low/med): LOW Date Received: 4/12/00% Solids: 63.6Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2430			P
7440-36-0	Antimony	17.3			P
7440-38-2	Arsenic	13.9			P
7440-39-3	Barium	43.0			P
7440-41-7	Beryllium	15.6	U		P
7440-43-9	Cadmium	15.6	U		P
7440-70-2	Calcium	57200			P
7440-47-3	Chromium	44.2			P
7440-48-4	Cobalt	8.1			P
7440-50-8	Copper	34.1			P
57-12-5	Cyanide	0.0774	U		AS
7439-89-6	Iron	18500			P
7439-92-1	Lead	78.2			P
7439-95-4	Magnesium	11800			P
7439-96-5	Manganese	437			P
7439-97-6	Mercury	0.091	B	N	CV
7440-02-0	Nickel	63.2			P
7440-09-7	Potassium	748	B		P
7782-49-2	Selenium	62.3	U		P
7440-22-4	Silver	0.032		N	F
7440-23-5	Sodium	345	B		P
7440-28-0	Thallium	17.3			P
7440-62-2	Vanadium	58.2			P
7440-66-6	Zinc	441		E	P

Color Before: _____ Clarity Before: _____ Texture: _____
 Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

HE-2

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Matrix (soil/water): SOIL Lab Sample ID: 0004131-02Level (low/med): LOW Date Received: 4/12/00% Solids: 93.8Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	618			P
7440-36-0	Antimony	103	U		P
7440-38-2	Arsenic	7.5			P
7440-39-3	Barium	10.0	B		P
7440-41-7	Beryllium	10.3	U		P
7440-43-9	Cadmium	10.3	U		P
7440-70-2	Calcium	109000			P
7440-47-3	Chromium	19.6			P
7440-48-4	Cobalt	30.8	U		P
7440-50-8	Copper	9.1			P
57-12-5	Cyanide	0.0512	U		AS
7439-89-6	Iron	8180			P
7439-92-1	Lead	9.1			P
7439-95-4	Magnesium	48000			P
7439-96-5	Manganese	791			P
7439-97-6	Mercury	0.0492	U	N	CV
7440-02-0	Nickel	15.1			P
7440-09-7	Potassium	210	B		P
7782-49-2	Selenium	41.1	U		P
7440-22-4	Silver	0.042		N	F
7440-23-5	Sodium	284	B		P
7440-28-0	Thallium	8.5			P
7440-62-2	Vanadium	7.4			P
7440-66-6	Zinc	83.4		E	P

Color Before: _____ Clarity Before: _____ Texture: _____
 Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

HE-3

Lab Name: Buck Environmental Labs, Inc.

Contract:

Lab Code: 10795Case No. Z UNITE

SAS No.:

SDG No.: BEL0006Matrix (soil/water): SOILLab Sample ID: 0004131-03Level (low/med): LOWDate Received: 4/12/00% Solids: 77.2Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6030			P
7440-36-0	Antimony	119	U		P
7440-38-2	Arsenic	36.1			P
7440-39-3	Barium	36.7			P
7440-41-7	Beryllium	11.9	U		P
7440-43-9	Cadmium	11.9	U		P
7440-70-2	Calcium	12500			P
7440-47-3	Chromium	50.8			P
7440-48-4	Cobalt	4.0	B		P
7440-50-8	Copper	143			P
57-12-5	Cyanide	0.063	U		AS
7439-89-6	Iron	15200			P
7439-92-1	Lead	14.8			P
7439-95-4	Magnesium	4890			P
7439-96-5	Manganese	546			P
7439-97-6	Mercury	0.0624	U	N	CV
7440-02-0	Nickel	19.5			P
7440-09-7	Potassium	606			P
7782-49-2	Selenium	47.8	U		P
7440-22-4	Silver	0.034		N	F
7440-23-5	Sodium	1600	U		P
7440-28-0	Thallium	71.7	U		P
7440-62-2	Vanadium	13.4			P
7440-66-6	Zinc	261		E	P

Color Before: _____ Clarity Before: _____

Texture: _____

Color After: _____ Clarity After: _____

Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-1

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Matrix (soil/water): SOIL Lab Sample ID: 0004131-04Level (low/med): LOW Date Received: 4/12/00% Solids: 66.5Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4020			P
7440-36-0	Antimony	148	U		P
7440-38-2	Arsenic	25.1			P
7440-39-3	Barium	122			P
7440-41-7	Beryllium	14.8	U		P
7440-43-9	Cadmium	3.0			P
7440-70-2	Calcium	5550			P
7440-47-3	Chromium	140			P
7440-48-4	Cobalt	6.7	B		P
7440-50-8	Copper	436			P
57-12-5	Cyanide	5.2			AS
7439-89-6	Iron	29200			P
7439-92-1	Lead	723			P
7439-95-4	Magnesium	1870			P
7439-96-5	Manganese	141			P
7439-97-6	Mercury	0.30		N	CV
7440-02-0	Nickel	335			P
7440-09-7	Potassium	580	B		P
7782-49-2	Selenium	59.2	U		P
7440-22-4	Silver	0.11		N	F
7440-23-5	Sodium	1980	U		P
7440-28-0	Thallium	10.9			P
7440-62-2	Vanadium	2700			P
7440-66-6	Zinc	1110		E	P

Color Before: _____ Clarity Before: _____ Texture: _____
 Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-2

Lab Name: Buck Environmental Labs, Inc.

Contract:

Lab Code: 10795Case No. Z UNITE

SAS No.:

SDG No.: BEL0006Matrix (soil/water): SOILLab Sample ID: 0004131-05Level (low/med): LOWDate Received: 4/12/00% Solids: 70.1Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4690			P
7440-36-0	Antimony	113	U		P
7440-38-2	Arsenic	56.4	U		P
7440-39-3	Barium	96.9			P
7440-41-7	Beryllium	11.3	U		P
7440-43-9	Cadmium	11.3	U		P
7440-70-2	Calcium	109000			P
7440-47-3	Chromium	10.4			P
7440-48-4	Cobalt	5.5	B		P
7440-50-8	Copper	42.9			P
57-12-5	Cyanide	0.0708	U		AS
7439-89-6	Iron	13400			P
7439-92-1	Lead	68.1			P
7439-95-4	Magnesium	3500			P
7439-96-5	Manganese	267			P
7439-97-6	Mercury	0.26		N	CV
7440-02-0	Nickel	17.2			P
7440-09-7	Potassium	464	B		P
7782-49-2	Selenium	45.1	U		P
7440-22-4	Silver	0.055		N	F
7440-23-5	Sodium	1510	U		P
7440-28-0	Thallium	13.5			P
7440-62-2	Vanadium	14.6			P
7440-66-6	Zinc	275		E	P

Color Before: _____ Clarity Before: _____

Texture: _____

Color After: _____ Clarity After: _____

Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-3

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Matrix (soil/water): SOIL Lab Sample ID: 0004131-06Level (low/med): LOW Date Received: 4/12/00% Solids: 76.6Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3210			P
7440-36-0	Antimony	121	U		P
7440-38-2	Arsenic	46.0			P
7440-39-3	Barium	122			P
7440-41-7	Beryllium	12.1	U		P
7440-43-9	Cadmium	1.4			P
7440-70-2	Calcium	29200			P
7440-47-3	Chromium	521			P
7440-48-4	Cobalt	36.2	U		P
7440-50-8	Copper	65.2			P
57-12-5	Cyanide	0.0662	U		AS
7439-89-6	Iron	33700			P
7439-92-1	Lead	125			P
7439-95-4	Magnesium	2290			P
7439-96-5	Manganese	112			P
7439-97-6	Mercury	0.34		N	CV
7440-02-0	Nickel	35.6			P
7440-09-7	Potassium	751			P
7782-49-2	Selenium	48.3	U		P
7440-22-4	Silver	0.032		N	F
7440-23-5	Sodium	1620	U		P
7440-28-0	Thallium	12.2			P
7440-62-2	Vanadium	26.6			P
7440-66-6	Zinc	103		E	P

Color Before: _____ Clarity Before: _____ Texture: _____
 Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-3S

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Matrix (soil/water): SOIL Lab Sample ID: 0004131-06Level (low/med): LOW Date Received: 4/12/00% Solids: 0.0 15.4 36.5Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5940			P
7440-36-0	Antimony	612			P
7440-38-2	Arsenic	2630			P
7440-39-3	Barium	2900			P
7440-41-7	Beryllium	65.2			P
7440-43-9	Cadmium	66.6			P
7440-70-2	Calcium	30100			P
7440-47-3	Chromium	806			P
7440-48-4	Cobalt	662			P
7440-50-8	Copper	409			P
57-12-5	Cyanide	1.4			AS
7439-89-6	Iron	36500			P
7439-92-1	Lead	799			P
7439-95-4	Magnesium	2300	B		P
7439-96-5	Manganese	781			P
7439-97-6	Mercury	0.71			CV
7440-02-0	Nickel	717			P
7440-09-7	Potassium	806	B		P
7782-49-2	Selenium	2490			P
7440-22-4	Silver	0.87			F
7440-23-5	Sodium	167	U		P
7440-28-0	Thallium	2670			P
7440-62-2	Vanadium	687			P
7440-66-6	Zinc	776			P

Color Before: _____ Clarity Before: _____ Texture: _____
 Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-3D

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Matrix (soil/water): SOIL Lab Sample ID: 0004131-06Level (low/med): LOW Date Received: 4/12/00% Solids: 0.0 16.2 36.1Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3360			P
7440-36-0	Antimony	12.6	U		P
7440-38-2	Arsenic	53.6			P
7440-39-3	Barium	129	B		P
7440-41-7	Beryllium	1.26	U		P
7440-43-9	Cadmium	1.4	B		P
7440-70-2	Calcium	30100			P
7440-47-3	Chromium	542			P
7440-48-4	Cobalt	3.78	U		P
7440-50-8	Copper	68.5			P
57-12-5	Cyanide	0.036	B		AS
7439-89-6	Iron	35100			P
7439-92-1	Lead	127			P
7439-95-4	Magnesium	2380	B		P
7439-96-5	Manganese	116			P
7439-97-6	Mercury	0.32		N	CV
7440-02-0	Nickel	38.1	B		P
7440-09-7	Potassium	783	B		P
7782-49-2	Selenium	5.04	U		P
7440-22-4	Silver	0.037		N	F
7440-23-5	Sodium	242	B		P
7440-28-0	Thallium	9.0	B		P
7440-62-2	Vanadium	27.9	B		P
7440-66-6	Zinc	108		E	P

Color Before: _____ Clarity Before: _____ Texture: _____
 Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-3L

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Matrix (soil/water): SOIL Lab Sample ID: 0004131-06Level (low/med): LOW Date Received: 4/12/00% Solids: 0.0 14.6 det.Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3100			P
7440-36-0	Antimony	57.1	U		P
7440-38-2	Arsenic	49.2	B		P
7440-39-3	Barium	119	B		P
7440-41-7	Beryllium	5.71	U		P
7440-43-9	Cadmium	5.71	U		P
7440-70-2	Calcium	28700			P
7440-47-3	Chromium	504			P
7440-48-4	Cobalt	17.1	U		P
7440-50-8	Copper	54.6	B		P
7439-89-6	Iron	33300			P
7439-92-1	Lead	118			P
7439-95-4	Magnesium	2320	B		P
7439-96-5	Manganese	109			P
7440-02-0	Nickel	32.1	B		P
7440-09-7	Potassium	725	B		P
7782-49-2	Selenium	22.8	U		P
7440-23-5	Sodium	765	U		P
7440-28-0	Thallium	50.4	B		P
7440-62-2	Vanadium	26.5	B		P
7440-66-6	Zinc	276			P

Color Before: _____ Clarity Before: _____ Texture: _____
 Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-3 FIELD DUP

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Matrix (soil/water): SOIL Lab Sample ID: 0004131-09Level (low/med): LOW Date Received: 4/12/00% Solids: 76.0Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3870			P
7440-36-0	Antimony	31.7			P
7440-38-2	Arsenic	46.7			P
7440-39-3	Barium	83.1			P
7440-41-7	Beryllium	12.7	U		P
7440-43-9	Cadmium	12.7	U		P
7440-70-2	Calcium	9970			P
7440-47-3	Chromium	1020			P
7440-48-4	Cobalt	4.9	B		P
7440-50-8	Copper	94.9			P
7439-89-6	Iron	44300			P
7439-92-1	Lead	167			P
7439-95-4	Magnesium	2580			P
7439-96-5	Manganese	173			P
7439-97-6	Mercury	0.57		N	CV
7440-02-0	Nickel	39.1			P
7440-09-7	Potassium	825			P
7782-49-2	Selenium	50.7	U		P
7440-22-4	Silver	0.041		N	F
7440-23-5	Sodium	912			P
7440-28-0	Thallium	10.2			P
7440-62-2	Vanadium	19.1			P
7440-66-6	Zinc	142		E	P

Color Before: _____ Clarity Before: _____ Texture: _____
 Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-4

Lab Name: Buck Environmental Labs, Inc.

Contract:

Lab Code: 10795Case No. Z UNITE

SAS No.:

SDG No.: BEL0006Matrix (soil/water): SOILLab Sample ID: 0004131-10Level (low/med): LOWDate Received: 4/12/00% Solids: 81.1Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6470			P
7440-36-0	Antimony	111	U		P
7440-38-2	Arsenic	10.4			P
7440-39-3	Barium	136			P
7440-41-7	Beryllium	11.1	U		P
7440-43-9	Cadmium	2.7			P
7440-70-2	Calcium	55800			P
7440-47-3	Chromium	101			P
7440-48-4	Cobalt	27.1			P
7440-50-8	Copper	255			P
57-12-5	Cyanide	0.16	B		AS
7439-89-6	Iron	17700			P
7439-92-1	Lead	202			P
7439-95-4	Magnesium	3820			P
7439-96-5	Manganese	407			P
7439-97-6	Mercury	0.96		N	CV
7440-02-0	Nickel	70.4			P
7440-09-7	Potassium	521	B		P
7782-49-2	Selenium	44.3	U		P
7440-22-4	Silver	4.8		N	F
7440-23-5	Sodium	1480	U		P
7440-28-0	Thallium	66.5	U		P
7440-62-2	Vanadium	17.4			P
7440-66-6	Zinc	499		E	P

Color Before: _____ Clarity Before: _____

Texture: _____

Color After: _____ Clarity After: _____

Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-5

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Matrix (soil/water): SOIL Lab Sample ID: 0004131-11Level (low/med): LOW Date Received: 4/12/00% Solids: 95.1Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5880			P
7440-36-0	Antimony	96.3	U		P
7440-38-2	Arsenic	16.0			P
7440-39-3	Barium	69.5			P
7440-41-7	Beryllium	9.63	U		P
7440-43-9	Cadmium	1.2			P
7440-70-2	Calcium	85700			P
7440-47-3	Chromium	11.8			P
7440-48-4	Cobalt	3.2	B		P
7440-50-8	Copper	36.3			P
57-12-5	Cyanide	0.0457	U		AS
7439-89-6	Iron	31100			P
7439-92-1	Lead	11.4			P
7439-95-4	Magnesium	7960			P
7439-96-5	Manganese	878			P
7439-97-6	Mercury	0.0461	U	N	CV
7440-02-0	Nickel	22.1			P
7440-09-7	Potassium	702			P
7782-49-2	Selenium	38.5	U		P
7440-22-4	Silver	0.028		N	F
7440-23-5	Sodium	327	B		P
7440-28-0	Thallium	7.6			P
7440-62-2	Vanadium	18.1			P
7440-66-6	Zinc	77.7		E	P

Color Before: _____ Clarity Before: _____ Texture: _____
 Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP-2

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Matrix (soil/water): WATER Lab Sample ID: 0004132-01Level (low/med): LOW Date Received: 4/12/00% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	33800			P
7440-36-0	Antimony	10	U	N	P
7440-38-2	Arsenic	103			P
7440-39-3	Barium	529			P
7440-41-7	Beryllium	3.4	B		P
7440-43-9	Cadmium	4.0	B		P
7440-70-2	Calcium	233000			P
7440-47-3	Chromium	42.8			P
7440-48-4	Cobalt	48.4	B	E	P
7440-50-8	Copper	203			P
7439-89-6	Iron	65200		E	P
7439-92-1	Lead	5.1		N	F
7439-95-4	Magnesium	33000			P
7439-96-5	Manganese	1850			P
7439-97-6	Mercury	2.1		*N	CV
7440-02-0	Nickel	69.4			P
7440-09-7	Potassium	9800			P
7782-49-2	Selenium	12.1		N	P
7440-22-4	Silver	85.8		E	P
7440-23-5	Sodium	216000		E	P
7440-28-0	Thallium	2.3		*N	F
7440-62-2	Vanadium	111			P
7440-66-6	Zinc	947		E	P

Color Before: _____ Clarity Before: _____ Texture: _____
 Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

EXP. PATHWAY-DOWN

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Matrix (soil/water): WATER Lab Sample ID: 0004132-02Level (low/med): LOW Date Received: 4/12/00% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	73.3	B		P
7440-36-0	Antimony	10	U	N	P
7440-38-2	Arsenic	5	U		P
7440-39-3	Barium	54.9	B		P
7440-41-7	Beryllium	1	U		P
7440-43-9	Cadmium	1	U		P
7440-70-2	Calcium	84200			P
7440-47-3	Chromium	2.6	B		P
7440-48-4	Cobalt	3	U	E	P
7440-50-8	Copper	8.5	B		P
7439-89-6	Iron	278		E	P
7439-92-1	Lead	0.73	B	N	F
7439-95-4	Magnesium	12700			P
7439-96-5	Manganese	29.0			P
7439-97-6	Mercury	0.43		*N	CV
7440-02-0	Nickel	2	U		P
7440-09-7	Potassium	6070			P
7782-49-2	Selenium	4.1	B	N	P
7440-22-4	Silver	31.8		E	P
7440-23-5	Sodium	183000		E	P
7440-28-0	Thallium	0	U	*N	F
7440-62-2	Vanadium	3	U		P
7440-66-6	Zinc	87.6		E	P

Color Before: _____ Clarity Before: _____ Texture: _____
 Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

EXP. PATHWAY-UP

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Matrix (soil/water): WATER Lab Sample ID: 0004132-03Level (low/med): LOW Date Received: 4/12/00% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	280			P
7440-36-0	Antimony	10	U	N	P
7440-38-2	Arsenic	5	U		P
7440-39-3	Barium	68.2	B		P
7440-41-7	Beryllium	1	U		P
7440-43-9	Cadmium	1	U		P
7440-70-2	Calcium	100000			P
7440-47-3	Chromium	8.2	B		P
7440-48-4	Cobalt	5.3	B	E	P
7440-50-8	Copper	19.8	B		P
7439-89-6	Iron	499		E	P
7439-92-1	Lead	3.8		N	F
7439-95-4	Magnesium	16900			P
7439-96-5	Manganese	23.3			P
7439-97-6	Mercury	0.26		*N	CV
7440-02-0	Nickel	16.5	B		P
7440-09-7	Potassium	6610			P
7782-49-2	Selenium	4	U	N	P
7440-22-4	Silver	31.1		E	P
7440-23-5	Sodium	209000		E	P
7440-28-0	Thallium	0	U	*N	F
7440-62-2	Vanadium	3.9	B		P
7440-66-6	Zinc	62.8		E	P

Color Before: _____ Clarity Before: _____ Texture: _____
 Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

EXP. PATHWAY-UPD

Lab Name: Buck Environmental Labs, Inc. Contract:

Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006

Matrix (soil/water): WATER Lab Sample ID: 0004132-03

Level (low/med): LOW Date Received: 4/12/00

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7439-97-6	Mercury	0.37		N	CV

Color Before: _____ Clarity Before: _____ Texture: _____
Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

EXP. PATHWAY-UPS

Lab Name: Buck Environmental Labs, Inc. Contract:

Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006

Matrix (soil/water): WATER Lab Sample ID: 0004132-03

Level (low/med): LOW Date Received: 4/12/00

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7439-97-6	Mercury	2.7			CV

Color Before: _____ Clarity Before: _____ Texture: _____
 Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-1 (.5-1')

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Matrix (soil/water): SOIL Lab Sample ID: 0004180-01Level (low/med): LOW Date Received: 4/15/00% Solids: 90.7Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5810			P
7440-36-0	Antimony	101	U		P
7440-38-2	Arsenic	15.1			P
7440-39-3	Barium	35.6			P
7440-41-7	Beryllium	10.1	U		P
7440-43-9	Cadmium	10.1	U		P
7440-70-2	Calcium	43100			P
7440-47-3	Chromium	8.8			P
7440-48-4	Cobalt	3.9	B		P
7440-50-8	Copper	20.9			P
57-12-5	Cyanide	0.0551	U		AS
7439-89-6	Iron	15800			P
7439-92-1	Lead	6.9			P
7439-95-4	Magnesium	4610			P
7439-96-5	Manganese	509			P
7439-97-6	Mercury	0.0492	U	N	CV
7440-02-0	Nickel	17.0			P
7440-09-7	Potassium	745			P
7782-49-2	Selenium	40.5	U		P
7440-22-4	Silver	0.013		N	F
7440-23-5	Sodium	1360	U		P
7440-28-0	Thallium	60.7	U		P
7440-62-2	Vanadium	13.5			P
7440-66-6	Zinc	88.0		E	P

Color Before: _____ Clarity Before: _____ Texture: _____
 Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-1 (4-5.3')

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Matrix (soil/water): SOIL Lab Sample ID: 0004180-02Level (low/med): LOW Date Received: 4/15/00% Solids: 82.3Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3010			P
7440-36-0	Antimony	112	U		P
7440-38-2	Arsenic	16.3			P
7440-39-3	Barium	3180			P
7440-41-7	Beryllium	11.2	U		P
7440-43-9	Cadmium	3.6			P
7440-70-2	Calcium	44200			P
7440-47-3	Chromium	12.9			P
7440-48-4	Cobalt	33.6	U		P
7440-50-8	Copper	679			P
57-12-5	Cyanide	0.71			AS
7439-89-6	Iron	13300			P
7439-92-1	Lead	419			P
7439-95-4	Magnesium	4150			P
7439-96-5	Manganese	367			P
7439-97-6	Mercury	0.15		N	CV
7440-02-0	Nickel	11.4			P
7440-09-7	Potassium	559	B		P
7782-49-2	Selenium	44.8	U		P
7440-22-4	Silver	0.13		N	F
7440-23-5	Sodium	1500	U		P
7440-28-0	Thallium	14.9			P
7440-62-2	Vanadium	10.1			P
7440-66-6	Zinc	723		E	P

Color Before: _____ Clarity Before: _____ Texture: _____
 Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-2 (.5-1')

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. 2 UNITE SAS No.: SDG No.: BEL0006Matrix (soil/water): SOIL Lab Sample ID: 0004180-03Level (low/med): LOW Date Received: 4/15/00% Solids: 86.8Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6010			P
7440-36-0	Antimony	107	U		P
7440-38-2	Arsenic	21.6			P
7440-39-3	Barium	79.7			P
7440-41-7	Beryllium	10.7	U		P
7440-43-9	Cadmium	10.7	U		P
7440-70-2	Calcium	35400			P
7440-47-3	Chromium	12.3			P
7440-48-4	Cobalt	4.1	B		P
7440-50-8	Copper	56.1			P
57-12-5	Cyanide	0.0586	U		AS
7439-89-6	Iron	16800			P
7439-92-1	Lead	90.6			P
7439-95-4	Magnesium	3690			P
7439-96-5	Manganese	424			P
7439-97-6	Mercury	0.21		N	CV
7440-02-0	Nickel	16.3			P
7440-09-7	Potassium	973			P
7782-49-2	Selenium	42.7	U		P
7440-22-4	Silver	0.043		N	F
7440-23-5	Sodium	1430	U		P
7440-28-0	Thallium	64.1	U		P
7440-62-2	Vanadium	16.7			P
7440-66-6	Zinc	174		E	P

Color Before: _____ Clarity Before: _____ Texture: _____
 Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-2 (2-3.2')

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Matrix (soil/water): SOIL Lab Sample ID: 0004180-04Level (low/med): LOW Date Received: 4/15/00% Solids: 89.4Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2650			P
7440-36-0	Antimony	97.9	U		P
7440-38-2	Arsenic	7.6			P
7440-39-3	Barium	30.3			P
7440-41-7	Beryllium	9.79	U		P
7440-43-9	Cadmium	9.79	U		P
7440-70-2	Calcium	87400			P
7440-47-3	Chromium	5.8			P
7440-48-4	Cobalt	29.4	U		P
7440-50-8	Copper	10.5			P
57-12-5	Cyanide	0.0574	U		AS
7439-89-6	Iron	9710			P
7439-92-1	Lead	12.9			P
7439-95-4	Magnesium	10800			P
7439-96-5	Manganese	262			P
7439-97-6	Mercury	0.0507	U	N	CV
7440-02-0	Nickel	8.3			P
7440-09-7	Potassium	534			P
7782-49-2	Selenium	39.1	U		P
7440-22-4	Silver	0.046		N	F
7440-23-5	Sodium	194	B		P
7440-28-0	Thallium	10.3			P
7440-62-2	Vanadium	11.2			P
7440-66-6	Zinc	43.4		E	P

Color Before: _____ Clarity Before: _____ Texture: _____
 Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-3 (6-6.8')

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Matrix (soil/water): SOIL Lab Sample ID: 0004180-05Level (low/med): LOW Date Received: 4/15/00% Solids: 84.1Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3140			P
7440-36-0	Antimony	113	U		P
7440-38-2	Arsenic	9.2			P
7440-39-3	Barium	110			P
7440-41-7	Beryllium	11.3	U		P
7440-43-9	Cadmium	11.3	U		P
7440-70-2	Calcium	128000			P
7440-47-3	Chromium	9.3			P
7440-48-4	Cobalt	34	U		P
7440-50-8	Copper	12.6			P
57-12-5	Cyanide	0.13	B		AS
7439-89-6	Iron	10800			P
7439-92-1	Lead	259			P
7439-95-4	Magnesium	30900			P
7439-96-5	Manganese	574			P
7439-97-6	Mercury	0.22		N	CV
7440-02-0	Nickel	7.2			P
7440-09-7	Potassium	417	B		P
7782-49-2	Selenium	45.3	U		P
7440-22-4	Silver	0.027		N	F
7440-23-5	Sodium	375	B		P
7440-28-0	Thallium	67.9	U		P
7440-62-2	Vanadium	27.3			P
7440-66-6	Zinc	176		E	P

Color Before: _____ Clarity Before: _____ Texture: _____
 Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-4 (8-10')

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Matrix (soil/water): SOIL Lab Sample ID: 0004180-07Level (low/med): LOW Date Received: 4/15/00% Solids: 66.7Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	14400			P
7440-36-0	Antimony	146	U		P
7440-38-2	Arsenic	11.1			P
7440-39-3	Barium	88.9			P
7440-41-7	Beryllium	5.6			P
7440-43-9	Cadmium	14.6	U		P
7440-70-2	Calcium	3450			P
7440-47-3	Chromium	10.00			P
7440-48-4	Cobalt	32.3			P
7440-50-8	Copper	288			P
57-12-5	Cyanide	0.0785	U		AS
7439-89-6	Iron	12000			P
7439-92-1	Lead	169			P
7439-95-4	Magnesium	1440			P
7439-96-5	Manganese	719			P
7439-97-6	Mercury	1.3		N	CV
7440-02-0	Nickel	41.7			P
7440-09-7	Potassium	506	B		P
7782-49-2	Selenium	58.6	U		P
7440-22-4	Silver	0.036		N	F
7440-23-5	Sodium	1960	U		P
7440-28-0	Thallium	9.0			P
7440-62-2	Vanadium	20.6			P
7440-66-6	Zinc	224		E	P

Color Before: _____ Clarity Before: _____ Texture: _____
 Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-5

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Matrix (soil/water): SOIL Lab Sample ID: 0004180-10Level (low/med): LOW Date Received: 4/15/00% Solids: 81.8Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3080			P
7440-36-0	Antimony	107	U		P
7440-38-2	Arsenic	10.6			P
7440-39-3	Barium	1290			P
7440-41-7	Beryllium	10.7	U		P
7440-43-9	Cadmium	1.6			P
7440-70-2	Calcium	99400			P
7440-47-3	Chromium	14.9			P
7440-48-4	Cobalt	32.2	U		P
7440-50-8	Copper	20.4			P
57-12-5	Cyanide	0.0599	U		AS
7439-89-6	Iron	12200			P
7439-92-1	Lead	467			P
7439-95-4	Magnesium	36500			P
7439-96-5	Manganese	780			P
7439-97-6	Mercury	0.091	B	N	CV
7440-02-0	Nickel	8.4			P
7440-09-7	Potassium	486	B		P
7782-49-2	Selenium	42.9	U		P
7440-22-4	Silver	0.035		N	F
7440-23-5	Sodium	275	B		P
7440-28-0	Thallium	64.3	U		P
7440-62-2	Vanadium	22.1			P
7440-66-6	Zinc	686		E	P

Color Before: _____ Clarity Before: _____ Texture: _____
 Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-4 (4-6')

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Matrix (soil/water): SOIL Lab Sample ID: 0004180-11Level (low/med): LOW Date Received: 4/15/00% Solids: 71.1Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3590			P
7440-36-0	Antimony	119	U		P
7440-38-2	Arsenic	28.5			P
7440-39-3	Barium	101			P
7440-41-7	Beryllium	11.9	U		P
7440-43-9	Cadmium	1.3			P
7440-70-2	Calcium	26700			P
7440-47-3	Chromium	12.8			P
7440-48-4	Cobalt	35.6	U		P
7440-50-8	Copper	47.9			P
57-12-5	Cyanide	0.081	B		AS
7439-89-6	Iron	29800			P
7439-92-1	Lead	86.4			P
7439-95-4	Magnesium	14200			P
7439-96-5	Manganese	315			P
7439-97-6	Mercury	0.29		N	CV
7440-02-0	Nickel	14.7			P
7440-09-7	Potassium	671			P
7782-49-2	Selenium	47.5	U		P
7440-22-4	Silver	0.035		N	F
7440-23-5	Sodium	1590	U		P
7440-28-0	Thallium	71.2	U		P
7440-62-2	Vanadium	17.4			P
7440-66-6	Zinc	75.5		E	P

Color Before: _____ Clarity Before: _____ Texture: _____
 Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

EQUIPMENT BLANK

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Matrix (soil/water): WATER Lab Sample ID: 0004206-01Level (low/med): LOW Date Received: 4/18/00% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	42.5	B		P
7440-36-0	Antimony	10	U	N	P
7440-38-2	Arsenic	5	U		P
7440-39-3	Barium	9	U		P
7440-41-7	Beryllium	1	U		P
7440-43-9	Cadmium	1	U		P
7440-70-2	Calcium	1650	B		P
7440-47-3	Chromium	1	U		P
7440-48-4	Cobalt	3	U	E	P
7440-50-8	Copper	4.1	B		P
57-12-5	Cyanide	1	U		AS
7439-89-6	Iron	33.8	B	E	P
7439-92-1	Lead	0.5	U	N	F
7439-95-4	Magnesium	64	U		P
7439-96-5	Manganese	1	U		P
7439-97-6	Mercury	0.30		*N	CV
7440-02-0	Nickel	2	U		P
7440-09-7	Potassium	65.6	B		P
7782-49-2	Selenium	4	U	N	P
7440-22-4	Silver	3	U	E	P
7440-23-5	Sodium	134	U	E	P
7440-28-0	Thallium	0.093		*N	F
7440-62-2	Vanadium	3	U		P
7440-66-6	Zinc	50.0		E	P

Color Before: _____ Clarity Before: _____ Texture: _____
 Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-1

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Matrix (soil/water): WATER Lab Sample ID: 0004206-02Level (low/med): LOW Date Received: 4/18/00% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	39300			P
7440-36-0	Antimony	10	U	N	P
7440-38-2	Arsenic	174			P
7440-39-3	Barium	371			P
7440-41-7	Beryllium	3.5	B		P
7440-43-9	Cadmium	3.3	B		P
7440-70-2	Calcium	198000			P
7440-47-3	Chromium	143			P
7440-48-4	Cobalt	43.6	B	E	P
7440-50-8	Copper	92.5			P
57-12-5	Cyanide	89.2			AS
7439-89-6	Iron	64400		E	P
7439-92-1	Lead	0.73	B	N	F
7439-95-4	Magnesium	37700			P
7439-96-5	Manganese	2160			P
7439-97-6	Mercury	0.88		*N	CV
7440-02-0	Nickel	71.0			P
7440-09-7	Potassium	18500			P
7782-49-2	Selenium	9.4		N	P
7440-22-4	Silver	55.6		E	P
7440-23-5	Sodium	48700		E	P
7440-28-0	Thallium	1.3		*N	F
7440-62-2	Vanadium	84.5			P
7440-66-6	Zinc	234		E	P

Color Before: _____ Clarity Before: _____ Texture: _____
 Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Matrix (soil/water): WATER Lab Sample ID: 0004206-03Level (low/med): LOW Date Received: 4/18/00% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	54700			P
7440-36-0	Antimony	10	U	N	P
7440-38-2	Arsenic	27.1			P
7440-39-3	Barium	745			P
7440-41-7	Beryllium	5.2			P
7440-43-9	Cadmium	7.4			P
7440-70-2	Calcium	253000			P
7440-47-3	Chromium	125			P
7440-48-4	Cobalt	67.9		E	P
7440-50-8	Copper	611			P
7439-89-6	Iron	95800		E	P
7439-92-1	Lead	12.0		N	F
7439-95-4	Magnesium	43000			P
7439-96-5	Manganese	3100			P
7439-97-6	Mercury	26.2		*N	CV
7440-02-0	Nickel	113			P
7440-09-7	Potassium	8880			P
7782-49-2	Selenium	11.3		N	P
7440-22-4	Silver	68.0		E	P
7440-23-5	Sodium	5500		E	P
7440-28-0	Thallium	3.6		*N	F
7440-62-2	Vanadium	108			P
7440-66-6	Zinc	2110		E	P

Color Before: _____ Clarity Before: _____ Texture: _____
 Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-4

Lab Name: Buck Environmental Labs, Inc.

Contract:

Lab Code: 10795Case No. Z UNITE

SAS No.:

SDG No.: BEL0006Matrix (soil/water): WATERLab Sample ID: 0004206-04Level (low/med): LOWDate Received: 4/18/00% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	101000			P
7440-36-0	Antimony	10	U	N	P
7440-38-2	Arsenic	156			P
7440-39-3	Barium	2550			P
7440-41-7	Beryllium	12.1			P
7440-43-9	Cadmium	33.8			P
7440-70-2	Calcium	393000			P
7440-47-3	Chromium	330			P
7440-48-4	Cobalt	259		E	P
7440-50-8	Copper	1140			P
57-12-5	Cyanide	1	U		AS
7439-89-6	Iron	491000		E	P
7439-92-1	Lead	12.3		N	F
7439-95-4	Magnesium	88900			P
7439-96-5	Manganese	4300			P
7439-97-6	Mercury	10.3		*N	CV
7440-02-0	Nickel	388			P
7440-09-7	Potassium	29700			P
7782-49-2	Selenium	24.4		N	P
7440-22-4	Silver	230		E	P
7440-23-5	Sodium	193000		E	P
7440-28-0	Thallium	3.0		*N	F
7440-62-2	Vanadium	245			P
7440-66-6	Zinc	2190		E	P

Color Before: _____ Clarity Before: _____

Texture: _____

Color After: _____ Clarity After: _____

Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-4S

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Matrix (soil/water): WATER Lab Sample ID: 0004206-04Level (low/med): LOW Date Received: 4/18/00% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	104000			P
7440-36-0	Antimony	332			P
7440-38-2	Arsenic	192			P
7440-39-3	Barium	4580			P
7440-41-7	Beryllium	62.8			P
7440-43-9	Cadmium	39.2			P
7440-70-2	Calcium	396000			P
7440-47-3	Chromium	532			P
7440-48-4	Cobalt	744			P
7440-50-8	Copper	1420			P
57-12-5	Cyanide	46.5			AS
7439-89-6	Iron	494000			P
7439-92-1	Lead	21.6			F
7439-95-4	Magnesium	89400			P
7439-96-5	Manganese	4820			P
7439-97-6	Mercury	24.9			CV
7440-02-0	Nickel	876			P
7440-09-7	Potassium	29900			P
7782-49-2	Selenium	31.6			P
7440-22-4	Silver	286			P
7440-23-5	Sodium	195000			P
7440-28-0	Thallium	7.3			F
7440-62-2	Vanadium	754			P
7440-66-6	Zinc	2680			P

Color Before: _____ Clarity Before: _____ Texture: _____
 Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-4D

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Matrix (soil/water): WATER Lab Sample ID: 0004206-04Level (low/med): LOW Date Received: 4/18/00% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	102000			P
7440-36-0	Antimony	10	U	N	P
7440-38-2	Arsenic	159			P
7440-39-3	Barium	2550			P
7440-41-7	Beryllium	11.9			P
7440-43-9	Cadmium	33.7			P
7440-70-2	Calcium	393000			P
7440-47-3	Chromium	328			P
7440-48-4	Cobalt	259		E	P
7440-50-8	Copper	1150			P
57-12-5	Cyanide	1	U		AS
7439-89-6	Iron	490000		E	P
7439-92-1	Lead	10.6		N	F
7439-95-4	Magnesium	88800			P
7439-96-5	Manganese	4290			P
7439-97-6	Mercury	7.6		N	CV
7440-02-0	Nickel	388			P
7440-09-7	Potassium	29900			P
7782-49-2	Selenium	21.3		N	P
7440-22-4	Silver	219		E	P
7440-23-5	Sodium	194000		E	P
7440-28-0	Thallium	3.8		N	F
7440-62-2	Vanadium	245			P
7440-66-6	Zinc	2180		E	P

Color Before: _____ Clarity Before: _____ Texture: _____
 Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-4L

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Matrix (soil/water): WATER Lab Sample ID: 0004206-04Level (low/med): LOW Date Received: 4/18/00% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	97700			P
7440-36-0	Antimony	50	U		P
7440-38-2	Arsenic	159			P
7440-39-3	Barium	2700			P
7440-41-7	Beryllium	11.6	B		P
7440-43-9	Cadmium	32.9			P
7440-70-2	Calcium	415000			P
7440-47-3	Chromium	341			P
7440-48-4	Cobalt	298			P
7440-50-8	Copper	1210			P
7439-89-6	Iron	559000			P
7439-95-4	Magnesium	90300			P
7439-96-5	Manganese	4460			P
7440-02-0	Nickel	411			P
7440-09-7	Potassium	21900	B		P
7782-49-2	Selenium	120			P
7440-22-4	Silver	146			P
7440-23-5	Sodium	164000			P
7440-62-2	Vanadium	252			P
7440-66-6	Zinc	2490			P

Color Before: _____ Clarity Before: _____ Texture: _____
 Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-4 FIELD DUP

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Matrix (soil/water): WATER Lab Sample ID: 0004206-07Level (low/med): LOW Date Received: 4/18/00% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	36100			P
7440-36-0	Antimony	10	U	N	P
7440-38-2	Arsenic	69.6			P
7440-39-3	Barium	896			P
7440-41-7	Beryllium	4.3	B		P
7440-43-9	Cadmium	9.8			P
7440-70-2	Calcium	242000			P
7440-47-3	Chromium	107			P
7440-48-4	Cobalt	94.3		E	P
7440-50-8	Copper	391			P
57-12-5	Cyanide	4.0	B		AS
7439-89-6	Iron	156000		E	P
7439-92-1	Lead	5.4		N	F
7439-95-4	Magnesium	42900			P
7439-96-5	Manganese	2060			P
7439-97-6	Mercury	18	U	*N	CV
7440-02-0	Nickel	135			P
7440-09-7	Potassium	18000			P
7782-49-2	Selenium	20.3		N	P
7440-22-4	Silver	86.4		E	P
7440-23-5	Sodium	184000		E	P
7440-28-0	Thallium	2.4		*N	F
7440-62-2	Vanadium	107			P
7440-66-6	Zinc	913		E	P

Color Before: _____ Clarity Before: _____ Texture: _____
 Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Buck Environmental Labs, Inc.

Contract:

MW-5

Lab Code: 10795Case No. Z UNITE

SAS No.:

SDG No.: BEL0006Matrix (soil/water): WATERLab Sample ID: 0004206-08Level (low/med): LOWDate Received: 4/18/00% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	12300			P
7440-36-0	Antimony	10	U	N	P
7440-38-2	Arsenic	13.5			P
7440-39-3	Barium	279			P
7440-41-7	Beryllium	1	U		P
7440-43-9	Cadmium	7.7			P
7440-70-2	Calcium	185000			P
7440-47-3	Chromium	149			P
7440-48-4	Cobalt	18.4	B	E	P
7440-50-8	Copper	318			P
7439-89-6	Iron	41900		E	P
7439-92-1	Lead	7.5		N	F
7439-95-4	Magnesium	6580			P
7439-96-5	Manganese	732			P
7439-97-6	Mercury	12.6		*N	CV
7440-02-0	Nickel	49.2			P
7440-09-7	Potassium	5510			P
7782-49-2	Selenium	8.7		N	P
7440-22-4	Silver	30.9		E	P
7440-23-5	Sodium	11000		E	P
7440-28-0	Thallium	1.6		*N	F
7440-62-2	Vanadium	44.8	B		P
7440-66-6	Zinc	501		E	P

Color Before: _____ Clarity Before: _____

Texture: _____

Color After: _____ Clarity After: _____

Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

EXP. PATHWAY-DOWN

Lab Name: Buck Environmental Labs, Inc. Contract:

Lab Code: 10795 Case No. Z UNITE SAS No.:

SDG No.: BEL0006

Matrix (soil/water): WATER

Lab Sample ID: 0004206-10

Level (low/med): LOW

Date Received: 4/18/00

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
57-12-5	Cyanide	1.0	B		AS

Color Before: _____ Clarity Before: _____

Texture: _____

Color After: _____ Clarity After: _____

Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3

Lab Name: Buck Environmental Labs, Inc. Contract:

Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006

Matrix (soil/water): WATER Lab Sample ID: 0004245-01

Level (low/med): LOW Date Received: 4/19/00

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
57-12-5	Cyanide	1.2	B		AS

Color Before: _____ Clarity Before: _____ Texture: _____
Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Buck Environmental Labs, Inc. Contract:

LCSW

Lab Code: 10795 Case No. Z UNITE SAS No.:SDG No.: BEL0006Matrix (soil/water): WATERLab Sample ID: LCSWLevel (low/med): LOW

Date Received:

% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	19800			P
7440-36-0	Antimony	6320			P
7440-38-2	Arsenic	1060			P
7440-39-3	Barium	20100			P
7440-41-7	Beryllium	502			P
7440-43-9	Cadmium	508			P
7440-70-2	Calcium	40100			P
7440-47-3	Chromium	1000			P
7440-48-4	Cobalt	5030			P
7440-50-8	Copper	2450			P
57-12-5	Cyanide	93.0			AS
57-12-5	Cyanide	86.4			AS
7439-89-6	Iron	10100			P
7439-92-1	Lead	21.0			F
7439-95-4	Magnesium	40000			P
7439-96-5	Manganese	1540			P
7440-02-0	Nickel	3940			P
7440-09-7	Potassium	39800			P
7782-49-2	Selenium	497			P
7440-22-4	Silver	1060			P
7440-23-5	Sodium	40000			P
7440-28-0	Thallium	25.0			F
7440-62-2	Vanadium	4970			P
7440-66-6	Zinc	2030			P

Color Before: _____ Clarity Before: _____ Texture: _____
 Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Buck Environmental Labs, Inc.

Contract:

LCSS

Lab Code: 10795Case No. Z UNITE

SAS No.:

SDG No.: BEL0006Matrix (soil/water): SOILLab Sample ID: LCSSLevel (low/med): LOW

Date Received:

% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1950			P
7440-36-0	Antimony	619			P
7440-38-2	Arsenic	105			P
7440-39-3	Barium	1790			P
7440-41-7	Beryllium	49.7			P
7440-43-9	Cadmium	49.2			P
7440-70-2	Calcium	3940			P
7440-47-3	Chromium	97.5			P
7440-48-4	Cobalt	493			P
7440-50-8	Copper	246			P
57-12-5	Cyanide	2.0			AS
57-12-5	Cyanide	2.5			AS
7439-89-6	Iron	986			P
7439-92-1	Lead	47.8			P
7439-95-4	Magnesium	3980			P
7439-96-5	Manganese	151			P
7439-97-6	Mercury	0.22			CV
7440-02-0	Nickel	390			P
7440-09-7	Potassium	3940			P
7782-49-2	Selenium	49.1			P
7440-22-4	Silver	1.9			F
7440-23-5	Sodium	3890			P
7440-28-0	Thallium	99.3			P
7440-62-2	Vanadium	499			P
7440-66-6	Zinc	200			P

Color Before: _____ Clarity Before: _____

Texture: _____

Color After: _____ Clarity After: _____

Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Buck Environmental Labs, Inc. Contract:

PBS

Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Matrix (soil/water): SOIL Lab Sample ID: PBSLevel (low/med): LOW Date Received:% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	0.8	U		P
7440-36-0	Antimony	1	U		P
7440-38-2	Arsenic	0.5	U		P
7440-39-3	Barium	0.9	U		P
7440-41-7	Beryllium	0.1	U		P
7440-43-9	Cadmium	0.1	U		P
7440-70-2	Calcium	4.2	U		P
7440-47-3	Chromium	0.1	U		P
7440-48-4	Cobalt	0.3	U		P
7440-50-8	Copper	0.2	U		P
57-12-5	Cyanide	0.04	U		AS
57-12-5	Cyanide	0.015	B		AS
7439-89-6	Iron	0.7	U		P
7439-92-1	Lead	0.1	U		P
7439-95-4	Magnesium	6.4	U		P
7439-96-5	Manganese	0.1	U		P
7439-97-6	Mercury	0.05	U		CV
7440-02-0	Nickel	0.2	U		P
7440-09-7	Potassium	5.2	U		P
7782-49-2	Selenium	0.4	U		P
7440-22-4	Silver	0.0013	B		F
7440-23-5	Sodium	13.4	U		P
7440-28-0	Thallium	0.84	B		P
7440-62-2	Vanadium	0.3	U		P
7440-66-6	Zinc	0.2	U		P

Color Before: _____ Clarity Before: _____ Texture: _____
 Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Buck Environmental Labs, Inc. Contract:

PBW

Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Matrix (soil/water): WATER Lab Sample ID: PBWLevel (low/med): LOW Date Received:% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	40.4	B		P
7440-36-0	Antimony	10	U		P
7440-38-2	Arsenic	5	U		P
7440-39-3	Barium	9	U		P
7440-41-7	Beryllium	1	U		P
7440-43-9	Cadmium	1	U		P
7440-70-2	Calcium	42	U		P
7440-47-3	Chromium	1	U		P
7440-48-4	Cobalt	3	U		P
7440-50-8	Copper	7.7	B		P
57-12-5	Cyanide	1.5	B		AS
57-12-5	Cyanide	1	U		AS
7439-89-6	Iron	7	U		P
7439-92-1	Lead	0.5	U		F
7439-95-4	Magnesium	64	U		P
7439-96-5	Manganese	1	U		P
7439-97-6	Mercury	0.18	U		CV
7439-97-6	Mercury	0.18	U		CV
7440-02-0	Nickel	2	U		P
7440-09-7	Potassium	52	U		P
7782-49-2	Selenium	4	U		P
7440-22-4	Silver	3	U		P
7440-23-5	Sodium	134	U		P
7440-28-0	Thallium	0.58			F
7440-62-2	Vanadium	3	U		P
7440-66-6	Zinc	7.8	B		P

Color Before: _____ Clarity Before: _____ Texture: _____
 Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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3
BLANKS

Lab Name: Buck Environmental Labs, Inc. Contract:

Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): ug/L

Analyte	Initial Calib. Blank (ug/L)		Continuing Calibration Blank (ug/L)						Prepa- ration Blank		M
	C		1	C	2	C	3	C	C		
Aluminum	19.9	B	26.9	B	35.8	B			40.4	B	P
Antimony	10.4	U	11.6	B	10.4	U			10.0	U	P
Arsenic	5.3	B	5.2	U	5.2	U			5.0	U	P
Barium	8.7	U	8.7	U	8.7	U			9.0	U	P
Beryllium	0.5	U	0.5	U	0.5	U			1.0	U	P
Cadmium	1.1	U	1.1	U	1.1	U			1.0	U	P
Calcium	42.3	U	42.3	U	42.3	U			42.0	U	P
Chromium	0.8	U	0.8	U	1.0	B			1.0	U	P
Cobalt	2.7	U	2.7	U	2.9	B			3.0	U	P
Copper	8.0	B	5.6	B	6.5	B			7.7	B	P
Iron	7.2	U	7.2	U	9.6	B			7.0	U	P
Magnesium	64.4	U	64.4	U	64.4	U			64.0	U	P
Manganese	1.2	U	1.2	U	1.2	U			1.0	U	P
Nickel	2.2	U	2.2	U	3.4	B			2.0	U	P
Potassium	52.3	U	52.3	U	52.3	U			52.0	U	P
Selenium	3.6	U	3.6	U	3.6	U			4.0	U	P
Silver	-26.7		-29.0		-28.0				3.0	U	P
Sodium	-337.7	B	-210.0	B	-270.0	B			134.0	U	P
Vanadium	2.9	U	2.9	U	2.9	U			3.0	U	P
Zinc	10.9	B	4.0	B	3.7	B			7.8	B	P

B.L.H.

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3
BLANKSLab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Preparation Blank Matrix (soil/water): SOILPreparation Blank Concentration Units (ug/L or mg/kg): mg/Kg

Analyte	Initial Calib. Blank		Continuing Calibration Blank (ug/L)						Prepa- ration Blank		M
	(ug/L)	C	1	C	2	C	3	C	C		
Aluminum	7.6	U	7.6	U	7.6	U	7.6	U	0.8	U	P
Antimony	10.4	U	11.0	B	10.4	U	10.9	B	1.0	U	P
Arsenic	5.2	U	5.2	U	5.2	U	5.2	U	0.5	U	P
Barium	8.7	U	8.7	U	8.7	U	8.7	U	0.9	U	P
Beryllium	0.5	U	0.5	U	0.5	U	0.5	U	0.1	U	P
Cadmium	1.1	U	1.1	U	1.1	U	1.1	U	0.1	U	P
Calcium	42.3	U	42.3	U	42.3	U	42.3	U	4.2	U	P
Chromium	0.8	U	0.8	U	0.8	U	0.8	U	0.1	U	P
Cobalt	2.7	U	2.7	U	2.7	U	2.7	U	0.3	U	P
Copper	1.8	U	1.8	U	1.8	U	1.8	U	0.2	U	P
Iron	7.2	U	7.2	U	7.2	U	7.2	U	0.7	U	P
Lead	1.5	U	1.7	B	1.5	B	1.5	U	0.1	U	P
Magnesium	64.4	U	64.4	U	64.4	U	64.4	U	6.4	U	P
Manganese	1.2	U	1.2	U	1.2	U	1.2	U	0.1	U	P
Nickel	2.2	U	2.2	U	2.2	U	2.2	U	0.2	U	P
Potassium	52.3	U	52.3	U	52.3	U	52.3	U	5.2	U	P
Selenium	3.6	U	3.6	U	3.6	U	3.6	U	0.4	U	P
Sodium	134.0	U	213.0	B	232.0	B	255.0	B	13.4	U	P
Thallium	6.0	U	6.0	U	6.0	U	6.0	U	0.8	B	P
Vanadium	2.9	U	2.9	U	2.9	U	2.9	U	0.3	U	P
Zinc	1.6	U	1.6	U	-1.7	B	1.6	U	0.2	U	P

604

U.S. EPA - CLP

3

BLANKS

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. 2 UNITE SAS No.:SDG No.: BEL0006Preparation Blank Matrix (soil/water): SOILPreparation Blank Concentration Units (ug/L or mg/kg): mg/Kg

Analyte	Initial Calib. Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		M
	C		1	C	2	C	3	C	C		
Aluminum	7.6	U	7.6	U					0.8	U	P
Antimony	10.4	U	10.4	U					1.0	U	P
Arsenic	5.2	U	5.2	U					0.5	U	P
Barium	8.7	U	8.7	U					0.9	U	P
Beryllium	0.5	U	0.5	U					0.1	U	P
Cadmium	1.1	U	1.1	U					0.1	U	P
Calcium	42.3	U	110.0	B					4.2	U	P
Chromium	0.8	U	0.8	U					0.1	U	P
Cobalt	2.7	U	2.7	U					0.3	U	P
Copper	1.8	U	1.8	U					0.2	U	P
Iron	7.2	U	7.2	U					0.7	U	P
Lead	1.5	U	3.4						0.1	U	P
Magnesium	64.4	U	64.4	U					6.4	U	P
Manganese	1.2	U	1.2	U					0.1	U	P
Nickel	2.2	U	2.2	U					0.2	U	P
Potassium	52.3	U	52.3	U					5.2	U	P
Selenium	3.6	U	3.6	U					0.4	U	P
Sodium	134.0	U	146.0	B					13.4	U	P
Thallium	6.0	U	6.0	U					0.8	B	P
Vanadium	2.9	U	2.9	U					0.3	U	P
Zinc	1.6	U	4.6	B					0.2	U	P

U.S. EPA - CLP

3
BLANKS

Lab Name: Buck Environmental Labs, Inc. Contract:
 Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006
 Preparation Blank Matrix (soil/water): WATER
 Preparation Blank Concentration Units (ug/L or mg/kg): ug/L

Analyte	Initial Calib. Blank (ug/L) C		Continuing Calibration Blank (ug/L)				Prepa- ration Blank C		M
	1	C	2	C	3	C			
Lead	1.0	U	1.0	U	1.0	U	1.0	U	F

U.S. EPA - CLP

3
BLANKS

Lab Name: Buck Environmental Labs, Inc. Contract:
 Lab Code: 10795 Case No. Z UNITE SAS No.:
 Preparation Blank Matrix (soil/water): WATER SDG No.: BEL0006
 Preparation Blank Concentration Units (ug/L or mg/kg): ug/L

Analyte	Initial Calib. Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		M
		C	1	C	2	C	3	C		C	
Thallium	6.0	U	6.0	U	6.0	U			0.6	U	F

SET

U.S. EPA - CLP

3
BLANKSLab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Preparation Blank Matrix (soil/water): WATERPreparation Blank Concentration Units (ug/L or mg/kg): ug/L

Analyte	Initial Calib. Blank (ug/L)		Continuing Calibration Blank (ug/L)						Prepa- ration Blank		M
	C		1	C	2	C	3	C	C		
Mercury	0.2	U	-0.2	U	0.2	U	0.2	U	0.2	U	CV

SET

U.S. EPA - CLP

3
BLANKS

Lab Name: Buck Environmental Labs, Inc. Contract:
 Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006
 Preparation Blank Matrix (soil/water): WATER
 Preparation Blank Concentration Units (ug/L or mg/kg): ug/L

Analyte	Initial		Continuing Calibration						Prepa-		M
	Calib.	Blank	Blank (ug/L)						ration	Blank	
	(ug/L)	C	1	C	2	C	3	C		C	
Mercury	0.2	U	-0.2	U					0.2	U	CV

SET

U.S. EPA - CLP

3
BLANKSLab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Preparation Blank Matrix (soil/water): WATERPreparation Blank Concentration Units (ug/L or mg/kg): ug/L

Analyte	Initial Calib. Blank (ug/L) C		Continuing Calibration Blank (ug/L)				Prepa- ration Blank C		M
	1	C	2	C	3	C			
Mercury	0.2	U	0.2	U	0.2	U	0.2	U	CV

U.S. EPA - CLP

3
BLANKS

Lab Name: Buck Environmental Labs, Inc. Contract:
 Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006
 Preparation Blank Matrix (soil/water): WATER
 Preparation Blank Concentration Units (ug/L or mg/kg): ug/L

Analyte	Initial Calib. Blank (ug/L)		Continuing Calibration Blank (ug/L)						Prepa- ration Blank		M
	C		1	C	2	C	3	C	C		
Mercury	0.2	U	0.2	U					0.2	U	CV

U.S. EPA - CLP

3
BLANKS

Lab Name: Buck Environmental Labs, Inc. Contract:
Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006
Preparation Blank Matrix (soil/water): SOIL
Preparation Blank Concentration Units (ug/L or mg/kg): mg/Kg

Analyte	Initial		Continuing Calibration						Preparation		M
	Calib.		Blank (ug/L)						Blank		
	Blank	C	1	C	2	C	3	C		C	
	(ug/L)										
Silver	1.0	U	1.0	U	1.0	U	1.0	U	0.0	B	
										F	

U.S. EPA - CLP

3
BLANKS

Lab Name: Buck Environmental Labs, Inc. Contract:
Lab Code: 10795 Case No. 2 UNITE SAS No.: SDG No.: BEL0C06
Preparation Blank Matrix (soil/water): SOIL
Preparation Blank Concentration Units (ug/L or mg/kg): mg/Kg

Analyte	Initial Calib. Blank (ug/L)		Continuing Calibration Blank (ug/L)						Prepa- ration Blank		M
	C		1	C	2	C	3	C	C		
Silver	1.0	U	1.0	U					0.0	B	F

U.S. EPA - CLP

3
BLANKS

Lab Name: Buck Environmental Labs, Inc. Contract:
 Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006
 Preparation Blank Matrix (soil/water): SOIL
 Preparation Blank Concentration Units (ug/L or mg/kg): mg/Kg

Analyte	Initial Calib. Blank		Continuing Calibration Blank (ug/L)						Prepa- ration Blank		M
	(ug/L)	C	1	C	2	C	3	C		C	
Mercury	0.2	U	0.2	U	0.2	U	0.2	U	0.1	U	CV

U.S. EPA - CLP

3
BLANKS

Lab Name: Buck Environmental Labs, Inc. Contract:
Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006
Preparation Blank Matrix (soil/water): SOIL
Preparation Blank Concentration Units (ug/L or mg/kg): mg/Kg

Analyte	Initial Calib. Blank (ug/L)		Continuing Calibration Blank (ug/L)						Prepa- ration Blank		M
	C		1	C	2	C	3	C	C		
Mercury	0.2	U	0.2	U					0.1	U	CV

U.S. EPA - CLP

3
BLANKS

Lab Name: Buck Environmental Labs, Inc. Contract:

Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): mg/Kg

Analyte	Initial Calib. Blank (ug/L)		Continuing Calibration Blank (ug/L)						Prepa- ration Blank		M
	C		1	C	2	C	3	C	C		
Cyanide	1.2 B 1.3 C		0.7 U		0.4 U		1.0 U		0.0 B		AS

U.S. EPA - CLP

3
BLANKS

Lab Name: Buck Environmental Labs, Inc. Contract:

Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): mg/Kg

Analyte	Initial		Continuing Calibration						Prepa-		M
	Calib.		Blank (ug/L)						ration		
	Blank		1		2		3		Blank		
	(ug/L)	C		C		C		C		C	
Cyanide	1.2	B	1.0	U	0.4	U			0.0	B	AS
	1.0	U									

SET

U.S. EPA - CLP

3
BLANKS

Lab Name: Buck Environmental Labs, Inc. Contract:
Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006
Preparation Blank Matrix (soil/water): SOIL
Preparation Blank Concentration Units (ug/L or mg/kg): mg/Kg

Analyte	Initial Calib. Blank (ug/L)		Continuing Calibration Blank (ug/L)						Prepa- ration Blank		M
	C		1	C	2	C	3	C	C		
Cyanide	0.5	U	0.4	U	0.7	U			0.0	U	AS

SET

U.S. EPA - CLP

5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

MW-4S

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Matrix (soil/water): WATER Level (low/med): LOW% Solids for Sample: 0.0Concentration Units (ug/L or mg/kg dry weight): ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Spike Added (SA)	%R	Q	M
Aluminum		104054.7198	101066.6010	2000.00	149.4		P
Antimony	75-125	332.3284	10.0000	500.00	66.5	N	P
Arsenic	75-125	192.4386	155.9310	40.00	91.3		P
Barium	75-125	4582.1578	2553.0032	2000.00	101.5		P
Beryllium	75-125	62.8481	12.0841	50.00	101.5		P
Cadmium		39.2243	33.8386	5.00	107.7		P
Calcium		395787.2136	392875.1596	0.00	0.0		P
Chromium	75-125	531.8374	329.5222	200.00	101.2		P
Cobalt	75-125	743.8748	258.9290	500.00	97.0		P
Copper		1415.8920	1136.2276	250.00	111.9		P
Iron		494201.5115	491056.3838	1000.00	314.5		P
Lead	75-125	21.6300	12.2600	20.00	46.8	N	F
Magnesium		89411.1438	88947.6634	0.00	0.0		P
Manganese		4819.7431	4297.7527	500.00	104.4		P
Mercury	75-125	24.8900	10.2800	20.00	73.0	N	CV
Nickel	75-125	875.9223	387.7870	500.00	97.6		P
Potassium		29864.6717	29682.5941	0.00	0.0		P
Selenium	75-125	31.5560	24.4330	10.00	71.2	N	P
Silver		285.6685	230.3503	50.00	110.6		P
Sodium		195272.2338	193225.1766	0.00	0.0		P
Thallium	75-125	7.2570	2.9780	20.00	21.4	N	F
Vanadium	75-125	753.5729	244.9720	500.00	101.7		P
Zinc		2675.6730	2188.5150	500.00	97.4		P

Comments:

U.S. EPA - CLP

5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

TP-3S

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Matrix (soil/water): SOIL Level (low/med): LOW% Solids for Sample: 0.0 75.4%
SEI.Concentration Units (ug/L or mg/kg dry weight): mg/Kg

Analyte	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Spike Added (SA)	%R	Q	M
Aluminum	75-125	5937.5291	3210.7450	2492.57	109.4		P
Antimony	75-125	612.0565	12.5000 U	623.14	98.2		P
Arsenic	75-125	2625.9589	45.9995	2492.57	103.5		P
Barium	75-125	2901.0311	121.9309 B	2492.57	111.5		P
Beryllium	75-125	65.2323	1.2500 U	62.31	104.7		P
Cadmium	75-125	66.5774	1.3503 B	62.31	104.7		P
Calcium		30117.3843	29211.2398	0.00	0.0		P
Chromium	75-125	805.8830	521.3063	249.26	114.2		P
Cobalt	75-125	662.3313	3.7400 U	623.14	106.3		P
Copper	75-125	408.7892	65.1793	311.57	110.3		P
Cyanide	85-115	1.4342	0.0658 U	1.65	87.2		AS
Iron		36502.6932	33747.1876	1246.28	221.1		P
Lead	75-125	798.6848	125.4787	623.14	108.0		P
Magnesium		2298.2155 B	2290.8717 B	0.00	0.0		P
Manganese	75-125	780.5426	111.7134	623.14	107.3		P
Mercury	75-125	0.7094	0.3422	0.49	74.2	N	CV
Nickel	75-125	717.0767	35.6087 B	623.14	109.4		P
Potassium		806.2540 B	751.0878 B	0.00	0.0		P
Selenium	75-125	2488.1896	4.9900 U	2492.57	99.8		P
Silver	75-125	0.8712	0.0325	1.25	67.3	N	F
Sodium	75-125	0.0000 U	167.0000 U	0.00	0.0		P
Thallium	75-125	2674.2896	12.1720 B	2492.57	106.8		P
Vanadium	75-125	687.1795	26.5508 B	623.14	106.0		P
Zinc	75-125	775.5010	103.1799	623.14	107.9		P

Comments:

U.S. EPA - CLP

5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

MW-4S

Lab Name: Buck Environmental Labs, Inc. Contract:

Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 15.4 SES.

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

Analyte	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Spike Added (SA)	%R	Q	M
Cyanide	85-115	46.4690	1.0000 U	50.00	92.9		AS

Comments:

U.S. EPA - CLP

6
DUPLICATES

EPA SAMPLE NO.

MW-4D

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Matrix (soil/water): WATER Level (low/med): LOW% Solids for Sample: 0.0 % Solids for Duplicate:Concentration Units (ug/L or mg/kg dry weight): ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		101066.6010		101589.69		0.5		P
Antimony	20	10.0000	U	0.00	U	0.0		P
Arsenic		155.9310		158.85		1.9		P
Barium		2553.0032		2550.62		0.1		P
Beryllium	5	12.0841		11.86		1.9		P
Cadmium		33.8386		33.74		0.3		P
Calcium		392875.1596		392519.17		0.1		P
Chromium		329.5222		328.46		0.3		P
Cobalt		258.9290		258.77		0.1		P
Copper		1136.2276		1151.59		1.3		P
Iron		491056.3838		489771.37		0.3		P
Lead		12.2600		10.57		14.8		F
Magnesium		88947.6634		88849.81		0.1		P
Manganese		4297.7527		4293.01		0.1		P
Mercury	2	10.2800		7.60		30.0	*	CV
Nickel		387.7870		387.66		0.0		P
Potassium		29682.5941		29895.14		0.7		P
Selenium	5	24.4330		21.34		13.5		P
Silver		230.3503		219.36		4.9		P
Sodium		193225.1766		194263.02		0.5		P
Thallium		2.9780		3.79		24.1	*	F
Vanadium	50	244.9720		245.29		0.1		P
Zinc		2188.5150		2183.57		0.2		P

U.S. EPA - CLP

6
DUPLICATES

EPA SAMPLE NO.

MW-4D

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Matrix (soil/water): WATER Level (low/med): LOW% Solids for Sample: 0% ~~10%~~ SET % Solids for Duplicate: ~~10%~~ SETConcentration Units (ug/L or mg/kg dry weight): ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Cyanide	15	1.0000	U	0.00	U	0.0		AS

U.S. EPA - CLP

6
DUPLICATES

EPA SAMPLE NO.

TP-3D

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Matrix (soil/water): SOIL Level (low/med): LOW% Solids for Sample: 0.0 16.6 % Solids for Duplicate: 16.2
SEF. SEF.Concentration Units (ug/L or mg/kg dry weight): mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		3210.7450		3363.86		4.7		P
Antimony	20	12.6000	U	0.00	U	0.0		P
Arsenic	12.6	45.9995		53.58		15.2		P
Barium	20	121.9309	B	128.70	B	0.0		P
Beryllium	20	1.2600	U	0.00	U	0.0		P
Cadmium	20	1.3503	B	1.45	B	0.0		P
Calcium	6300	29211.2398		30065.05		2.9		P
Chromium		521.3063		541.96		3.9		P
Cobalt	20	3.7800	U	0.00	U	0.0		P
Copper	31.5	65.1793		68.48		4.9		P
Cyanide	15	0.0329	U	0.04	B	0.0		AS
Iron		33747.1876		35080.80		3.9		P
Lead		125.4787		127.39		1.5		P
Magnesium	20	2290.8717	B	2384.05	B	0.0		P
Manganese		111.7134		115.78		3.6		P
Mercury	0.113	0.3422		0.32		5.5		CV
Nickel	20	35.6087	B	38.07	B	0.0		P
Potassium	20	751.0878	B	783.03	B	0.0		P
Selenium	20	5.0400	U	0.00	U	0.0		P
Silver	0.013	0.0325		0.04		13.9		F
Sodium	20	169.0000	U	242.37	B	0.0		P
Thallium	20	12.1720	B	9.00	B	0.0		P
Vanadium	20	26.5508	B	27.87	B	0.0		P
Zinc	25.2	103.1799		108.41		4.9		P

U.S. EPA - CLP

9
ICP SERIAL DILUTIONS

EPA SAMPLE NO.

MW-4

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0006Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Differ- ence	Q	M
Aluminum	101100		97660		3.4		P
Antimony	60.00	U	300.0	U	0.0		P
Arsenic	155.9		159.1		2.0		P
Barium	2553		2705		5.8		P
Beryllium	12.08		11.57	B	0.0		P
Cadmium	33.84		32.90		2.8		P
Calcium	392900		415400		5.6		P
Chromium	329.5		341.4		3.5		P
Cobalt	258.9		297.9		14.0	E	P
Copper	1136		1213		6.6		P
Iron	491100		558700		12.9	E	P
Magnesium	88950		90310		1.5		P
Manganese	4298		4463		3.8		P
Nickel	387.8		411.2		5.9		P
Potassium	29680		21890	B	0.0		P
Selenium	24.43		119.8		132.2		P
Silver	230.4		146.1		44.8	E	P
Sodium	193200		163800		16.5	E	P
Vanadium	245.0		251.7		2.7		P
Zinc	2189		2485		12.7	E	P

U.S. EPA - CLP

9
ICP SERIAL DILUTIONS

EPA SAMPLE NO.

TP-3

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.:SDG No.: BEL0006Matrix (soil/water): SOILLevel (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Aluminum	3211	3098	3.6		P
Antimony	7.240 U	343.0 U	0.0		P
Arsenic	46.00	49.17 B	0.0		P
Barium	121.9	119.3 B	0.0		P
Beryllium	0.6040 U	28.60 U	0.0		P
Cadmium	1.350	28.60 U	0.0		P
Calcium	29210	28650	1.9		P
Chromium	521.3	504.2	3.3		P
Cobalt	6.040 U	286.0 U	0.0		P
Copper	65.18	54.57 B	0.0		P
Iron	33750	33300	1.3		P
Lead	125.5	118.1	6.0		P
Magnesium	2291	2324 B	0.0		P
Manganese	111.7	109.1	2.3		P
Nickel	35.61	32.13 B	0.0		P
Potassium	751.1	725.2 B	0.0		P
Selenium	0.6040 U	28.60 U	0.0		P
Sodium	604.0 U	28600 U	0.0		P
Thallium	12.17	50.35 B	0.0		P
Vanadium	26.55	26.51 B	0.0		P
Zinc	103.2	275.7	91.1	E	P

U.S. EPA - CLP

10

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: Buck Environmental Labs, Inc. Contract:

Lab Code: 10795 Case No. Z UNITE SAS No.: Z UNITE SDG No.: BEL0006

ICP ID Number: PE3000 Date: 9/1/99

Flame AA ID Number:

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum	308.22		200.0	7.6	P
Antimony	206.83		60.0	10.4	P
Arsenic	188.98		10.0	5.15	P
Barium	233.53		200.0	8.67	P
Beryllium	313.11		5.0	0.495	P
Boron	249.733		500.0	14	P
Cadmium	226.5		5.0	1.11	P
Calcium	315.89		5000.0	42.3	P
Chromium	267.72		10.0	0.81	P
Cobalt	228.62		50.0	2.69	P
Copper	324.75		25.0	1.8	P
Iron	302.11		100.0	7.15	P
Lead	220.35		3.0	1.49	P
Magnesium	279.08		5000.0	64.4	P
Manganese	257.61		15.0	1.23	P
Nickel	232		40.0	2.2	P
Potassium	766.49		5000.0	52.3	P
Selenium	196.03		5.0	3.56	P
Silver	338.29		10.0	3.04	P
Sodium	330.24		5000.0	134	P
Thallium	190.8		10.0	6	P
Tin	242.17		500.0	10.84	P
Vanadium	292.4		50.0	2.89	P
Zinc	206.2		20.0	1.64	P

Comments:

U.S. EPA - CLP

10

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: Buck Environmental Labs, Inc. Contract:

Lab Code: 10795 Case No. Z UNITE SAS No.: Z UNITE SDG No.: BEL0006

ICP ID Number: Date: 9/15/99

Flame AA ID Number:

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Mercury	253.6	BD	0.2	0.17	CV

Comments:

U.S. EPA - CLP

10
INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: Buck Environmental Labs, Inc. Contract:
Lab Code: 10795 Case No. Z UNITE SAS No.: Z UNITE SDG No.: BEL0006
ICP ID Number: Date: 12/2/99
Flame AA ID Number:
Furnace AA ID Number: PE5100

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Lead	283.3	BZ	10.0	1	F

Comments:

CHAINS OF CUSTODY

BUCK ENVIRONMENTAL LABORATORIES
SAMPLE LOG-IN SHEET

CLIENT LDI, Inc

PAGE 1 OF

RECEIVED BY (PRINT) Kathleen Walsh

RECEIVED BY (SIGNATURE) [Signature]

DATE RECEIVED 04/12/00

BEL JOB # 0004131

Instructions: For each cooler, Complete items a-l and then list sample information in the section below. If any conditions marked with an * exist, the project manager must be contacted.

Case Number: SDG Number: <u>BEL0006</u>	Client Sample Name	Sample Tag #	BEL ID #	Remarks: Condition Of Sample Shipment, Etc.
a. Custody Seals: <u>Present/Absent*</u> <u>Intact/Broken*</u>	HE-1		01	Samples rec'd in (1) cooler
	HE-2		02	w/ seals intact w/ bagged
b. Custody Seal Numbers: <u>N/A</u>	HE-3		03	ice @ 4.1°C and samples
	TP-1		04	intact.
c. Chain of Custody Records: <u>Present/Absent*</u>	TP-2		05	
d. Sample Information Sheets: <u>Present/Absent*</u>	TP-3		06	Samples consist of:
e. Airbill Sticker: <u>Present/Absent*</u>	TP-3 MS		07	HE-1 thru HE-3 (2) soil jars
f. Airbill Number <u>HAND CARRY</u>	TP-3 MSD		08	"TP's" (3) soil jars
	TP-3 Field Dup		09	
g. Sample Tags: <u>Present/Absent*</u>	TP-4		10	Analysis to be
h. Sample Tag Numbers on chain of custody: <u>Listed/Not Listed</u>	TP-5		11	ASP/CLP Cat B Deliverables
i. Sample condition: <u>Intact/Broken*/Leaking</u>				for: TAL Metals
j. Does information on chain of custody, sample information sheets, & sample tags agree? <u>Yes/No*</u>				TCLVOA (ASP 95-1)
				TCLSVOA (ASP 95-2)
k. Date/Time Received at lab <u>04/12/00 09:30</u>				TCL Pest (ASP 95-3)
				as noted per COC.
l. Cooler Temperature <u>4.1</u> °C				
Any item marked *, Contact Project Manager				
Sample Transfer				
Fraction: <u>Metals</u> <u>VOA</u> <u>SVOA</u>				
Area: <u>03</u> <u>07</u> <u>02</u>				
By: <u>KW</u> <u>KW</u> <u>KW</u>				
On: <u>04/12/00</u> <u>04/13/00</u> <u>04/13/00</u>				

CHAIN OF CUSTODY RECORD

NOTE: The information given on this form was supplied by the client and authorizes the Laboratory to proceed with analysis according to the Standard Terms and Conditions of Buck Environmental Laboratories, Inc. provided on the reverse side of this chain-of-custody. The client authorization signature acknowledges that the terms are acceptable and agreed to by the client.

CLIENT United Dominion Industries, Inc.
 ADDRESS 2300 One First Union Centre
301 South College Street
Charlotte, NC 28202-6039
 PHONE NO. _____
 REPORT TO ATTN: _____

NORMAL QA/QC
 PREMIUM QA/QC
 NORMAL TURNAROUND
 EXPEDITE AT PREMIUM
 CLIENT AUTHORIZ. SIGN. _____

STG BEL 0006

0004131

PROJECT NAME VCD Investigation - Feldmeier Equipment, Inc.
575 E. Mill Street, Little Falls, NY

PO NO. _____
 SAMPLED BY Eric Olmson

ANALYSIS REQUESTED

DATE	TIME	LOCATION	TAL Metals, Cu	TAL VOA	ASP 95-1	ASP 95-2	ASP 95-3	TLCPesticides	MATRIX (AIR, SOLID, WATER)	GRAB OR COMPOSITE	NUMBER OF CONTAINERS	VOLUME OF CONTAINERS	PRESERVATIVE USED
4/11/00	9:10am	HE-1 / Soil Background Excavation	X	X	X	X	X	X	S	D	2	Small Soil med Soil	Ref
4/11/00	9:15am	HE-2 / Soil Background Excavation	X	X	X	X	X	X	S	G	2	"	Ref
4/11/00	9:30am	HE-3 / Soil Background Excavation	X	X	X	X	X	X	S	G	2	"	Ref
4/11/00	10:00am	TP-1 / Petroleum Apts Backhoe Test Pit	X	X	X	X	X	X	S	B	3	25.9g/L 1 med	Ref
4/11/00	10:50am	TP-2 / Petroleum Apts Backhoe Test Pit	X	X	X	X	X	X	S	B	3	25.9g/L 1 med	Ref
4/11/00	11:45am	TP-3 / Tankway Site Backhoe Test Pit	X	X	X	X	X	X	S	G	3	"	Ref
4/11/00	11:45am	TP-23 MS	X	X	X	X	X	X	S	G	3	"	Ref
4/11/00	11:45am	TP-3 MSD	X	X	X	X	X	X	S	G	3	"	Ref
4/11/00	11:45am	TP-3 Field Duplicate	X	X	X	X	X	X	S	G	3	"	Ref
4/12/00	9:30am		X	X	X	X	X	X	S	G	3	"	Ref

ADDITIONAL COMMENTS

Cont B + Duse

ACCEPTED BY

James Shaw

RELINQUISHED BY

James Shaw

CHAIN OF CUSTODY RECORD

NOTE: The information given on this form was supplied by the client and authorizes the Laboratory to proceed with analysis according to the Standard Terms and Conditions of Buck Environmental Laboratories, Inc. provided on the reverse side of this chain-of-custody. The client authorization signature acknowledges that the terms are acceptable and agreed to by the client.

CLIENT ADDRESS PHONE NO. REPORT TO ATTN:			UNITED DOMINION INDUSTRIES, INC. 2300 ONE FIRST UNION CENTER 301 SOUTH COLLEGE STREET CHARLOTTE, NC 28202-6039			NORMAL QA/QC PREMIUM QA/QC NORMAL TURNAROUND EXPEDITE AT PREMIUM CLIENT AUTHORIZ. SIGN.							
PROJECT NAME PO NO. SAMPLED BY			VCD INVESTIGATION - FELDMEIER EQUIPMENT, INC. 575 E. MILL STREET, LITTLE FALK, NY ERIC MONSEN			ANALYSIS REQUESTED							
DATE	TIME	LOCATION	TCL METALS, CN	TCL VOA	TCL VOA	TCL VOA	TCL PESTICIDES	TCL PESTICIDES	MATRIX (AIR, SOLID, WATER)	GRAB OR COMPOSITE	NUMBER OF CONTAINERS	VOLUME OF CONTAINERS	USED PRESERVATIVE
4/11/00	12:15 pm	TP-4/TANNARY SITE BACKHOE TEST PIT	X	X	X	X	X	X	S	5	3	25ml	Ref
4/11/00	1:15 pm	TP-5/TANNARY SITE BACKHOE TEST PIT	X	X	X	X	X	X	S	6	3	1ml	Ref
DATE TIME			RETRIEVED BY			ACCEPTED BY			ADDITIONAL COMMENTS				
4/12/00	9:30 am								CUT B + DUSE				

BUCK ENVIRONMENTAL LABORATORIES
SAMPLE LOG-IN SHEET

CLIENT UDI, Inc.

PAGE 1 OF 1

RECEIVED BY (PRINT) Kathleen Walsh

RECEIVED BY (SIGNATURE) [Signature]

DATE RECEIVED 04/12/00

BEL JOB # 0004132

Instructions: For each cooler, Complete items a-i and then list sample information in the section below. If any conditions marked with an * exist, the project manager must be contacted.

Case Number: _____ Client _____ Sample BEL _____ Remarks: _____
SDG Number: BEL 0007 0006 Sample Name _____ Tag # _____ ID # _____ Condition Of Sample Shipment, Etc. _____

a. Custody Seals: Present/Absent*
Intact/Broken*

TP-2 01 Samples rec'd in (1) cooler
Downstream 02 w/ seals intact, bagged

b. Custody Seal Numbers: _____
N/A

Upstream 03 Ice @ 3.8°C and Samples
Trip Blank 04 intact.

c. Chain of Custody Records: Present/Absent*

d. Sample Information Sheets: Present/Absent*

Samples consist of:

e. Airbill Sticker: Present/Absent*

(2) 1L Amber

f. Airbill Number
HAND CARRY

(3) 40ml vial - w/ HCL

g. Sample Tags: Present/Absent*

(1) 500 ml - w/ HNO₃

h. Sample Tag Numbers on chain of custody: Listed/Not Listed

Trip Blank consist of
(2) 40 ml vial w/ HCL only

i. Sample condition: Intact/Broken*/Leaking

j. Does information on chain of custody, sample information sheets, & sample tags agree? Yes/No*

Analysis to be
ASP/CLP Cat. B Deliverables
for TAL Metals, ASP 95-1,
and ASP 95-2.

k. Date/Time Received at lab
04/12/00 09:30

l. Cooler Temperature 3.8 °C

Any item marked *, Contact Project Manager

Trip Blank Volatiles
only.

Sample Transfer

Fraction: Metals VOA SVOA

Area: 03 07 02

By: KW KW KW

On: 04/12/00 04/13/00 04/13/00

CHAIN OF CUSTODY RECORD

NOTE: The information given on this form was supplied by the client and authorizes the Laboratory to proceed with analysis according to the Standard Terms and Conditions of Buck Environmental Laboratories, Inc. provided on the reverse side of this chain-of-custody. The client authorization signature acknowledges that the terms are acceptable and agreed to by the client.

CLIENT United Dominion Industries, Inc.
 ADDRESS 2300 One First Union Center
301 South College Street
 PHONE NO. Charlotte, NC 28202-6039
 REPORT TO ATTN: _____

NORMAL QA/QC
 PREMIUM QA/QC
 NORMAL TURNAROUND
 EXPEDITE AT PREMIUM
 CLIENT AUTHORIZ. SIGN. _____

SDG BEL 0006

PROJECT NAME VCD Investigation - Feldmeier Equipment, Inc.
 PO NO. 575 E. Mill Street, Little Falls, NY

SAMPLED BY Eric Olansen

ANALYSIS REQUESTED

DATE	TIME	LOCATION	TN Metals	TCL VOA	AS2 95-1	TCL SVOA	AS2 95-2	TCL Pesticides	AS2 95-3	MATRIX (AIR, SOLID, WATER)	COMPOSITE NUMBER OF CONTAINERS	VOLUME OF CONTAINERS	USED PRESERVATIVE
4/11/00	10:50am	TP-2 / Petroleum Apts Test Pit	X	X	X	X	X	X	X	W	5	VAR Ref/HCL/HNO3	
4/11/00	1:40pm	Exposure / Creek Pathways / Tunnel - Downstream	X	X	X	X	X	X	X	W	5	VAR " " "	
4/11/00	2:15pm	Exposure / Creek Pathways / Tunnel - Upstream	X	X	X	X	X	X	X	W	5	VAR " " "	
4/11/00	-	Trip Blank		X						W	2	Visb Ref HCL	

DATE	TIME	RECEIVED BY	ACCEPTED BY	ADDITIONAL COMMENTS
4/12/00	9:30am	<u>[Signature]</u>	<u>[Signature]</u>	Cat B + DuSR
				No CN samples taken. BLH

BUCK ENVIRONMENTAL LABORATORIES
SAMPLE LOG-IN SHEET

CLIENT UDI, Inc.

PAGE 1 OF 1

RECEIVED BY (PRINT) Kathleen Walsh

RECEIVED BY (SIGNATURE) [Signature]

DATE RECEIVED 04/15/00

BEL JOB # 0004180

Instructions: For each cooler, Complete items a-i and then list sample information in the section below. If any conditions marked with an * exist, the project manager must be contacted.

Case Number: SDG Number: <u>Be 0006</u>	Client Sample Name	Sample Tag #	BEL ID #	Remarks: Condition Of Sample Shipment, Etc.
a. Custody Seals: <u>Present/Absent*</u> <u>Intact/Broken*</u>	SB-1/6"-1'		01	Samples rec'd in (2) coolers
	SB-1/4'-5.3'		02	w/seals intact, w/ bagged ice
b. Custody Seal Numbers: <u>N/A</u>	SB-2/6"-1'		03	@ 2.9 & 2.4°C and intact.
	SB-2/2'-3.2'		04	
c. Chain of Custody Records: <u>Present/Absent*</u>	SB-3/6'-6.8'		05	Samples consist of:
d. Sample Information Sheets: <u>Present/Absent*</u>	SB-3/6.8'		06	(1) Soil jar
e. Airbill Sticker: <u>Present/Absent*</u>	SB-4/8'-10'		07	Trip Blank consist of:
f. Airbill Number <u>HAND CARRY</u>	SB-4/20-22'		08	(2) 40 ml vials w/ITCL
	Trip Blank		09	
g. Sample Tags: <u>Present/Absent*</u>	SB-5		10	Analysis to be
h. Sample Tag Numbers on chain of custody: <u>Listed/Not Listed</u>	MW-4/4'-6'		11	ASP/CLP Cat B Deliverables
i. Sample condition: <u>Intact/Broken*/Leaking</u>	MW-4/6'-8'		12	for: TAL Metals
j. Does information on chain of custody, sample information sheets, & sample tags agree? <u>Yes/No*</u>				TCL VOA (ASP 95-1)
				TCL SVOA (ASP 95-2)
k. Date/Time Received at lab <u>04/14/00 18:52</u>				as noted per COC
l. Cooler Temperature <u>2.9 °C 2.4°C</u>				
Any item marked *, Contact Project Manager				
Sample Transfer				
Fraction: <u>VOA Metals</u> <u>SVOA</u>				
Area: <u>07 03</u>				
By: <u>KW KW</u>				
On: <u>04/15/00 04/15/00</u>				

NOTE: The information given on this form was supplied by the client and authorizes the Laboratory to proceed with analysis according to the Standard Terms and Conditions of Buck Environmental Laboratories, Inc. provided on the reverse side of this chain-of-custody. The client authorization signature acknowledges that the terms are acceptable and agreed to by the client.

LABORATORY LOG NO.

Page 1 of 2

CHAIN OF CUSTODY RECORD

0004186

CLIENT United Dominion Industries, Inc.
 ADDRESS 2300 One First Union Center
301 South College Street
 PHONE NO. Charlotte, NC 28202-6039
 REPORT TO ATTN: _____

NORMAL QA/QC
 PREMIUM QA/QC
 NORMAL TURNAROUND
 EXPEDITE AT PREMIUM
 CLIENT AUTHORIZ. SIGN. _____

ULP-Cat B Size A Belco

PROJECT NAME VCD Investigation - Feldmeier Equipment, Inc.
575 E. Mill Street, Little Falls, NY
 P.O. NO. _____
 SAMPLED BY ERIC MONSEN

ANALYSIS REQUESTED

PO NO.	SAMPLED BY	DATE	TIME	LOCATION	TCL Metals	TCL VOA	ASR 95-1	ASR 95-2	TCL Pesticides	ASR 95-3	MATRIX	(AIR, SOLID, WATER)	GRAB OR COMPOSITE	NUMBER OF CONTAINERS	VOLUME OF CONTAINERS	USED PRESERVATIVE
	Eric Monson	4/13/00	11:30 AM	SB-1 / 6"-1' / Electropolishing wastes	X						S		1	Soil Jar	Ref	ok
		4/13/00	11:30 AM	SB-1 / 4'-5.3' / "	X						S		1	Soil Jar	Ref	ok
		4/13/00	2:00 PM	SB-2 / 6"-1' / "	X						S		1	Soil Jar	Ref	ok
		4/13/00	2:00 PM	SB-2 / 2'-3.2' / "	X						S		1	Soil Jar	Ref	ok
		4/13/00	3:15 PM	SB-3 / 6'-6.8' / GAS Manufacturing	X	X					S		1	Soil Jar	Ref	ok
		4/13/00	3:15 PM	SB-3 / 6.8' / "		X					S		1	Soil Jar	Ref	ok
		4/13/00	5:00 PM	SB-4 / 8'-10' / "	X		X				S		1	Soil Jar	Ref	ok
		4/13/00	5:00 PM	SB-4 / 20-22' / "		X					S		1	Soil Jar	Ref	ok
		4/13/00	-	Trip Blank	X	X					S		2	40ml	HCL	ok

NORMAL QA/QC
PREMIUM QA/QC
NORMAL TURNAR
EXPEDITE AT PRE
CLIENT AUTHORIZ

PO NO. 4
SAMPLED BY Eric Manson

ANALYSIS REQUESTED

(1) Cooler, Seals intact & banded w/c @ 2.4°C

BUCK ENVIRONMENTAL LABORATORIES
SAMPLE LOG-IN SHEET

CLIENT UDI, Inc

PAGE OF

RECEIVED BY (PRINT) SHIRLEY E. TOWNER

RECEIVED BY (SIGNATURE) Shirley E. Towner

DATE RECEIVED 4/18/00

BEL JOB # 0004206

Instructions: For each cooler, Complete items a-l and then list sample information in the section below. If any conditions marked with an * exist, the project manager must be contacted.

Case Number: Client Sample BEL Remarks:
SDG Number: BEL0006 Sample Name Tag # ID # Condition Of Sample Shipment, Etc.

a. Custody Seals:	☒ Present/ ☐ Absent* ☐ Intact/ ☐ Broken*	<u>Equip. BLANK</u>			<u>SAMPLES RECD in 2</u>
		<u>MW-1</u>			<u>COOLERS @ 4.0°C.</u>
b. Custody Seal Numbers:		<u>MW-3</u>			<u>Seals & Tags in tact.</u>
<u>N/A</u>		<u>MW-4</u>			
c. Chain of Custody Records:	☒ Present/ ☐ Absent*	<u>MW-4 MS</u>			<u>TRIP BLANK FOR VOA only.</u>
d. Sample Information Sheets:	☒ Present/ ☐ Absent*	<u>MW-4 MSD</u>			<u>MW-3,5 for TAL Metals only.</u>
e. Airbill Sticker:	☐ Present/ ☒ Absent*	<u>MW-4 Field Dup</u>			
f. Airbill Number		<u>MW-5</u>			<u>MW-1, MW-4, MW-4 MS,</u>
<u>HAND CARRY</u>		<u>TRIP BLANK.</u>			<u>MW-4 MSD, MW-4 FD</u>
g. Sample Tags:	☒ Present/ ☐ Absent*				<u>for TAL Metals, VOA ^{ASP} 95-1</u>
h. Sample Tag Numbers on chain of custody:	☐ Listed/ ☒ Not Listed				<u>SVOA ASP-95-2, CN.</u>
i. Sample condition:	☒ Intact/ ☐ Broken*/Leaking				
j. Does information on chain of custody, sample information sheets, & sample tags agree?	☐ Yes/ ☒ No*				
k. Date/Time Received at lab					
<u>4 / 18 / 00</u> <u>2:15:00</u>					
l. Cooler Temperature	<u>4</u> °C				
Any item marked *, Contact Project Manager					
Sample Transfer					
Fraction:	<u>VOA</u> <u>METALS, CN</u> <u>SVOA</u>				
Area:	<u>REF 1</u> <u>REF 3</u>				
By:	<u>SET</u> <u>SET</u>				
On:	<u>4/18/00</u> <u>4/18/00</u>				

CLIENT United Dominion Industries, Inc.
ADDRESS 2300 One First Union Centre
301 Southern College Street
Charlotte, NC 28202-6039
PHONE NO.

REPORT TO ATTN:

PROJECT NAME VCD Investigation - Feldmeier Equipment, Inc.
575 E. Mill Street, Little Falls, NY

PO NO.

SAMPLED BY

Erwie Spence

ANALYSIS REQUESTED

DATE		TIME	LOCATION	TAL Metals										TCL VOA ASPR95-1 AS2-95-2 TCL pesticides ASPR-95-3 CN										MATRIX (AIR, SOLID, WATER)										COMPOSITE NUMBER OF CONTAINERS										VOLUME OF CONTAINERS PRESERVATIVE USED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
4/17/00		12:30pm	Equipment Blank (MW4)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

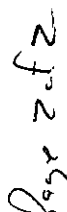
~~REINQUISHED BY~~

ACCEPTED BY

ADDITIONAL COMMENTS

To Storage

Temp Peak @ 4.0°C



LABORATORY LOG NO.

000206

CHAIN OF CUSTODY RECORD

NOTE: The information given on this form was supplied by the client and authorizes the Laboratory to proceed with analysis according to the Standard Terms and Conditions of Buck Environmental Laboratories, Inc. provided on the reverse side of this chain-of-custody. The client authorization signature acknowledges that the terms are acceptable and agreed to by the client.

CLIENT ADDRESS PHONE NO. REPORT TO ATTN:		UNITED DOMINION INDUSTRIES, INC. 2300 ONE FIRST UNION CENTER 301 SOUTH COLLEGE STREET CHARLOTTE, NC 28202-6039		NORMAL QA/QC PREMIUM QA/QC NORMAL TURNAROUND EXPEDITE AT PREMIUM CLIENT AUTHORIZ. SIGN.	
PROJECT NAME PO NO.		VCP INVESTIGATION - FELDMEIER EQUIPMENT, INC. 575 E. MILL STREET, LITTLE FALK, NY		ANALYSIS REQUESTED	
SAMPLED BY DATE TIME		ERNIE SPANGLER 4/17/00 2:45 PM		TR Metabs TCL VOA KSP 95-1 TCL SVOA KSP 95-2 TCL PARTICLES KSP 95-3 CM	
LOCATION DATE TIME		Exposure Creek - Downstream Pathways Tunnel 4/17/00 5:00 PM		MATRIX (AIR, SOLID WATER) GRAB OR COMPOSITE NUMBER OF CONTAINERS VOLUME OF CONTAINERS PRESERVATIVE USED	
BEING QUISHED BY DATE TIME		12/15/00 5:00 PM		ACCEPTED BY 1 To Storage 2 3 4	
ADDITIONAL COMMENTS		1 To Storage 2 3 4			

BUCK ENVIRONMENTAL LABORATORIES
SAMPLE LOG-IN SHEET

CLIENT UDI, INC.

PAGE OF

RECEIVED BY (PRINT) SHIRLEY E. TOWNER

RECEIVED BY (SIGNATURE) Shirley E. Towner

DATE RECEIVED 4/20/00

BEL JOB # 0004245

Instructions: For each cooler, Complete items a-l and then list sample information in the section below. If any conditions marked with an * exist, the project manager must be contacted.

Case Number: SDG Number: <u>BEL0006</u>	Client Sample Name	Sample Tag #	BEL ID #	Remarks: Condition Of Sample Shipment, Etc.
a. Custody Seals: <u>Present</u> / Absent* Intact / <u>Broken*</u>	<u>MW-3</u>			<u>Sample Rec'd in cooler with ice @ 4°C.</u>
b. Custody Seal Numbers: <u>N/A</u>				<u>Sample was intact & properly labeled.</u>
c. Chain of Custody Records: <u>Present</u> / Absent*				<u>Testing consists of</u>
d. Sample Information Sheets: <u>Present</u> / Absent*				<u>CN, VOA ASP-95-1</u>
e. Airbill Sticker: <u>Present</u> / Absent*				<u>& SVOA ASP-95-2.</u>
f. Airbill Number <u>HAND CARRY</u>				<u>One VOA vial was broken by client,</u>
g. Sample Tags: <u>Present</u> / Absent*				<u>previous to receipt by lab personnel. NOTED</u>
h. Sample Tag Numbers on chain of custody: <u>Listed</u> / Not Listed				<u>on COC.</u>
i. Sample condition: <u>Intact</u> / Broken* / Leaking				
j. Does information on chain of custody, sample information sheets, & sample tags agree? <u>Yes</u> / No*				
k. Date/Time Received at lab <u>4/20/00</u> <u>8:15</u>				
l. Cooler Temperature <u>4</u> °C				
Any item marked *, Contact Project Manager				
Sample Transfer				
Fraction: <u>VOA</u> <u>CN</u> <u>SVOA</u>				
Area: <u>REF 1</u> <u>REF 3</u>				
By: <u>SET</u> <u>SET</u>				
On: <u>4/20/00</u> <u>4/20/00</u>				

LABORATOR: LOG NO.

000 4245-

NOTE: The information given on this form was supplied by the client and authorizes the Laboratory to proceed with analysis according to the Standard Terms and Conditions of Buck Environmental Laboratories, Inc. provided on the reverse side of this chain-of-custody. The client authorization signature acknowledges that the terms are acceptable and agreed to by the client.

[illegible]

ANALYTICAL SUMMARY DATA PACKAGE

SDG 0008

Narrative
and
Summary Data Package

SDG BEL0008

prepared for

United Dominion Industries, Inc.
2300 One First Union Center
301 South College Street
Charlotte, NC 28202-6039

by

Buck Environmental Laboratories, Inc.
3821 Buck Drive
Cortland, NY 13045

July 19, 2000

SDG NARRATIVE

June 8, 2000

This laboratory narrative applies to samples from Feldmeier Equipment, Inc., 575 East Mill Street, Little Falls, NY. The samples were taken by Eric Monsen from Buck Environmental Labs, Inc. following plans for a VCD Investigation. This data package reports the analytical work performed on the samples received. The water samples received carried sample identifications as listed in the table below. Also shown are the BEL laboratory assigned identification numbers. The samples were assigned to sample delivery group number **BEL0008**.

SAMPLING DATE	SAMPLE ID	BEL SAMPLE ID	VOLATILES by ASP-95-1	SEMI-VOLATILES by ASP-95-2	PCB's by ASP-95-3	TAL METALS by CLP-M
5/23/00	MW-1	0005307-01	X	-	-	-
5/23/00	Trip Blank	0005307-02	X	-	-	-

The samples arrived 5/23/00 at 16:30 PM by hand delivery of the sampler, Eric Monsen. The BEL QC Manager, Barbara Houskamp, accepted the samples. There was 1 cooler in the delivery with custody seals and samples intact. The laboratory identification number 0005307 was assigned to these samples.

Comments on BEL analytical quality control review are as follows:

SDG BEL0008GC/MS Volatiles

Holding Time:

Met acceptance criteria.

Calibrations:

Calibration met laboratory acceptance criteria. On both initial and continuing calibrations, the response factor for the compound 1,1,2,2-Tetrachloroethane did not meet the minimum RF of 0.5. The methodology makes an allowance for such an occurrence (N.Y.S.D.E.C. ASP, p. E-47, 2.4.2) as long as the RRF is greater than or equal to 0.010 and the percent relative standard deviation is less than or equal to forty percent which was achieved in this instance.

LCS:

Met acceptance criteria.

Spikes/Duplicates:

Spikes met acceptance criteria. 5 of 5 RPD's were outside QC limits.

Surrogate Recovery:

Met acceptance criteria.

Internal Standards

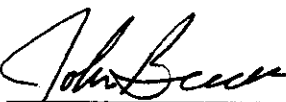
Met laboratory acceptance criteria.

BEL SAMPLE ID	pH
0005307-01	2
0005307-02	2

The ASP 95-1 analysis was completed on a GC/MS equipped with a J & W DB-624 20 m-.18 mm ID column and using a Supelco VOCARB 3000 trap.

Please call Barbara Houskamp, QA Manager, at BEL if you have any questions or need any further information regarding this submittal.

I certify that to the best of my knowledge and belief, this data package is in compliance with the terms and conditions of the Analytical Services Protocol, both technically and for completeness, other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.



John H. Buck, P.E.
Laboratory Director

9-20-00

Date

GC/MS
VOLATILE
SAMPLE DATA SUMMARY

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-1

Lab Name: Buck Environmental Labs Contract: _____

Lab Code: 10795 Case No.: _____ SAS No.: _____ SDG No.: BEL0008

Matrix: (soil/water) WATER Lab Sample ID: 0005307-01A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 1101011.D

Level: (low/med) LOW Date Received: 05/23/00

% Moisture: not dec. _____ Date Analyzed: 06/02/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

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	10	U
67-64-1	-----Acetone	10	U
75-15-0	-----Carbon Disulfide	10	U
75-35-4	-----1,1-Dichloroethene	10	U
75-34-3	-----1,1-Dichloroethane	10	U
540-59-0	-----1,2-Dichloroethene (total)	10	U
67-66-3	-----Chloroform	10	U
107-06-2	-----1,2-Dichloroethane	10	U
78-93-3	-----2-Butanone	10	U
71-55-6	-----1,1,1-Trichloroethane	10	U
56-23-5	-----Carbon Tetrachloride	10	U
75-27-4	-----Bromodichloromethane	10	U
78-87-5	-----1,2-Dichloropropane	10	U
10061-01-5	-----cis-1,3-Dichloropropene	10	U
79-01-6	-----Trichloroethene	10	U
124-48-1	-----Dibromochloromethane	10	U
79-00-5	-----1,1,2-Trichloroethane	10	U
71-43-2	-----Benzene	45	
10061-02-6	-----trans-1,3-Dichloropropene	10	U
75-25-2	-----Bromoform	10	U
108-10-1	-----4-Methyl-2-pentanone	10	U
591-78-6	-----2-Hexanone	10	U
127-18-4	-----Tetrachloroethene	10	U
79-34-5	-----1,1,2,2-Tetrachloroethane	10	U
108-88-3	-----Toluene	6	J
108-90-7	-----Chlorobenzene	10	U
100-41-4	-----Ethylbenzene	15	
100-42-5	-----Styrene	10	U
1330-20-7	-----Xylene (total)	7	J

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

MW-1

Lab Name: Buck Environmental Labs

Contract:

Lab Code: 10795

Case No.:

SAS No.:

SDG No.: BEL0008

Matrix: (soil/water) WATER

Lab Sample ID: 0005307-01A

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: 1101011.D

Level: (low/med) LOW

Date Received: 05/23/00

% Moisture: not dec. _____

Data Analyzed: 06/02/00

GC Column: J&W DB-624 ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 300-57-2	Benzene, 2-propenyl-	12.963	36	NJ
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
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28.				
29.				
30.				

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TRIPBLANK

Lab Name: Buck Environmental Labs Contract: _____

Lab Code: 10795 Case No.: _____ SAS No.: _____ SDG No.: BEL0008

Matrix: (soil/water) WATER Lab Sample ID: 0005307-02A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 0901009.D

Level: (low/med) LOW Date Received: 05/23/00

% Moisture: not dec. _____ Date Analyzed: 06/02/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

TRIPBLANK

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0008

Matrix: (soil/water) WATER Lab Sample ID: 0005307-02A

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 0901009.D

Level: (low/med) LOW Date Received: 05/23/00

% Moisture: not dec. Data Analyzed: 06/02/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Number TICs found: 0
CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
4.				
5.				
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29.				
30.				

2A
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0008

	NYSDEC SAMPLE NO.	SMC1 (TOL) #	SMC2 (BFB) #	SMC3 (DCE) #	OTHER	TOT OUT
	=====	=====	=====	=====	=====	=====
01	VBLK01	108	87	92		0
02	TRIPBLANK	102	90	89		0
03	MW-1	103	101	93		0
04	MW-1MS	103	104	95		0
05	MW-1MSD	105	112	97		0
06	MBS001	102	112	96		0
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

QC LIMITS

SMC1 (TOL) = Toluene-D8 (88-110)

SMC2 (BFB) = 4-Bromofluorobenzene (86-115)

SMC3 (DCE) = 1,2-Dichloroethane-d4 (76-114)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

3A
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Buck Environmental Labs Contract:
 Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0008
 Matrix Spike - NYSDEC Sample No.: MW-1

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
=====	=====	=====	=====	=====	=====
1,1-Dichloroethene	50	0	40	79	61-145
Trichloroethene	50	0	42	83	71-120
Benzene	50	45	86	81	76-127
Toluene	50	6	48	84	76-125
Chlorobenzene	50	0	42	84	75-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS	
=====	=====	=====	=====	=====	RPD	REC.
1,1-Dichloroethene	50	52	104	27*	14	61-145
Trichloroethene	50	56	111	29*	14	71-120
Benzene	50	97	103	24*	11	76-127
Toluene	50	62	110	27*	13	76-125
Chlorobenzene	50	56	113	29*	13	75-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 5 out of 5 outside limits

Spike Recovery: 0 out of 10 outside limits

COMMENTS:

3A
WATER VOLATILE BLANK SPIKE RECOVERY

Lab Name: Buck Environmental Labs Contract:
Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0008
Blank Spike - NYSDEC Sample No.: MBS001

COMPOUND	SPIKE ADDED (ug/L)	BLANK CONCENTRATION (ug/L)	MBS CONCENTRATION (ug/L)	MBS % REC #	QC. LIMITS REC.
=====	=====	=====	=====	=====	=====
1,1-Dichloroethene	50	0	46	93	61-145
Trichloroethene	50	0	59	119	71-120
Benzene	50	0	51	103	76-127
Toluene	50	0	52	103	76-125
Chlorobenzene	50	0	54	108	75-130

Column to be used to flag recovery with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 5 outside limits

COMMENTS:

4A
VOLATILE METHOD BLANK SUMMARY

NYSDEC SAMPLE NO.

VBLK01

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0008

Lab File ID: 0801008.D Lab Sample ID: METHODBLANK

Date Analyzed: 06/02/00 Time Analyzed: 2018

GC Column: J&W DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: MSD2

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
	=====	=====	=====	=====
01	TRIPBLANK	0005307-02A	0901009.D	2053
02	MW-1	0005307-01A	1101011.D	2202
03	MW-1MS	0005307-01AMS	1201012.D	2237
04	MW-1MSD	0005307-01AMSD	1301013.D	2312
05	MBS001	BLANKSPIKE	1401014.D	2347
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
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30				

COMMENTS:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

VBK01

Lab Name: Buck Environmental Labs Contract:
Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0008
Matrix: (soil/water) WATER Lab Sample ID: METHODBLANK
Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 0801008.D
Level: (low/med) LOW Date Received: / /
% Moisture: not dec. Date Analyzed: 06/02/00
GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

VBK01

Lab Name: Buck Environmental Labs Contract:

Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0008

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

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 0801008.D

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

% Moisture: not dec. Data Analyzed: 06/02/00

GC Column: J&W DB-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
4.				
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30.				

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Buck Environmental Labs Contract:
 Lab Code: 10795 Case No.: SAS No.: SDG No.: BEL0008
 Lab File ID (Standard): 0401004.D Date Analyzed: 06/02/00
 Instrument ID: MSD2 Time Analyzed: 1759
 GC Column: J&W DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 (BCM)		IS2 (DFB)		IS3 (CBZ)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
=====	=====	=====	=====	=====	=====	=====
12 HOUR STD	244491	1.96	1343922	3.05	1164723	8.11
UPPER LIMIT	488982	2.46	2687844	3.55	2329446	8.61
LOWER LIMIT	122246	1.46	671961	2.55	582362	7.61
=====	=====	=====	=====	=====	=====	=====
NYSDEC						
SAMPLE NO.						
=====	=====	=====	=====	=====	=====	=====
01 VBLK01	233342	1.99	1250439	3.19	1151665	8.35
02 TRIPBLANK	231397	2.00	1198744	3.27	1037704	8.42
03 MW-1	221273	1.99	1216069	3.16	1203377	8.22
04 MW-1MS	225665	1.98	1317149	3.10	1251723	8.09
05 MW-1MSD	232788	1.98	1379164	3.07	1293107	8.05
06 MBS001	216634	1.97	1245703	3.07	1173838	8.08
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = - 50% of internal standard area
 RT UPPER LIMIT = + 0.50 minutes of internal standard RT
 RT LOWER LIMIT = 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

CHAINS OF CUSTODY

CHAIN OF CUSTODY RECORD

NOTE: The information given on this form was supplied by the client and authorizes the Laboratory to proceed with analysis according to the Standard Terms and Conditions of Buck Environmental Laboratories, Inc. provided on the reverse side of this chain-of-custody. The client authorization signature acknowledges that the terms are acceptable and agreed to by the client.

CHAIN OF CUSTODY RECORD

0005307

[illegible]

BUCK ENVIRONMENTAL LABORATORIES
SAMPLE LOG-IN SHEET

CLIENT UDI, Inc

PAGE 1 OF 1

RECEIVED BY (PRINT) B. Houskamp

RECEIVED BY (SIGNATURE) B. Houskamp

DATE RECEIVED 05/23/00

BEL JOB # 0005307

Instructions: For each cooler, Complete items a-l and then list sample information in the section below. If any conditions marked with an * exist, the project manager must be contacted.

Case Number: _____ Client _____ Sample BEL _____ Remarks: _____
SDG Number: BEL 0006 Sample Name _____ Tag # _____ ID # _____ Condition Of Sample Shipment, Etc. _____

a. Custody Seals: Present/Absent* Intact/Broken* MW-1 01 Sample rec'd in (1) cooler

Trip Blank 02 w/seals intact w/bagged

b. Custody Seal Numbers: N/A ice @ 4.3°C, Samples

intact.

c. Chain of Custody Records: Present/Absent*

d. Sample Information Sheets: Present/Absent*

e. Airbill Sticker: Present/Absent*

f. Airbill Number HAND CARRY

Trip Blank - (1) 40ml vial w/HCL

g. Sample Tags: Present/Absent*

h. Sample Tag Numbers on chain of custody: Listed/Not Listed

i. Sample condition: Intact/Broken*/Leaking

Analysis to be

TCL vOA (ASP 95-1)

Cat B Deliverables.

j. Does information on chain of custody, sample information sheets, & sample tags agree? Yes/No*

k. Date/Time Received at lab 05/23/00 16:30

l. Cooler Temperature 4.3°C

Any item marked *, Contact Project Manager

Sample Transfer

Fraction: VBA

Area: 03

By: KW

On: 05/23/00

ANALYTICAL SUMMARY DATA PACKAGE

SDG 0013

Narrative
and
Summary Data Package

SDG BEL0013

prepared for

United Dominion Industries, Inc.
2300 One First Union Center
301 South College Street
Charlotte, NC 28202-6039

by

Buck Environmental Laboratories, Inc.
3821 Buck Drive
Cortland, NY 13045

September 12, 2000

SDG NARRATIVE

September 13, 2000

This laboratory narrative applies to samples from Feldmeier Equipment, Inc., 575 East Mill Street, Little Falls, NY. The samples were taken by Joseph Meldrim from Buck Environmental Labs, Inc. This data package reports the analytical work performed on the samples received. The water samples received carried sample identifications as listed in the table below. Also shown are the BEL laboratory assigned identification numbers. The samples were assigned to sample delivery group number **BEL0013**.

SAMPLING DATE	SAMPLE ID	BEL SAMPLE ID	VOLATILES by ASP-95-1	SEMI-VOLATILES by ASP-95-2	PCB's by ASP-95-3	TAL METALS by CLP-M
6/22/00	MW-1	0006302-01	-	-	-	X
6/22/00	MW-3	0006302-02	-	-	-	X
6/22/00	MW-4	0006302-03	-	-	-	X
6/22/00	Rinse Blank	0006302-04	-	-	-	X

The samples arrived 6/22/00 at 16:10 PM by hand delivery from the sampler, Joseph Meldrim. Shirley Towner, the inorganics section supervisor, accepted the samples. The samples were in 500-ml bottles with no preservative. Each sample was sub-sampled into 2 bottles, one for filtered metals and one for total metals analyses. The bottle for total analysis had HNO_3 as a preservative. The laboratory identification number 0006302 was assigned to these samples.

Comments on BEL analytical quality control review are as follows:

SDG BEL0013Inorganics

Holding Time:	Met holding time criteria except for Hg.
Calibration:	Met laboratory acceptance criteria. The ICV for Hg was 121.7%, above the acceptance limit of 120%.
Method Blanks:	Met laboratory acceptance criteria. ICB's for Al, As, Cu, Zn and Tl were above IDL. One CCB for Ca was above IDL; two CCB's for Ni were above IDL; three CCB's were above IDL for Al, Sb, As, Cu and Zn.
Preparation Blank:	Met laboratory acceptance criteria. The prep blanks for Al, As, Cu, Ni, and Zn were above IDL.
Reference Standard:	Met laboratory acceptance criteria.
Spikes/Duplicates:	Met laboratory acceptance criteria. The spike recovery for the Pb filtered sample recovered below the desired limit and all associated results are flagged "N." The Zn duplicate was outside the desired range and all associated results are flagged "**."
Serial Dilution:	Met laboratory acceptance criteria.

Please call Barbara Houskamp, QA Manager, at BEL if you have any questions or need any further information regarding this submittal.

I certify that to the best of my knowledge and belief, this data package is in compliance with the terms and conditions of the Analytical Services Protocol, both technically and for completeness, other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.



John H. Buck, P.E.
Laboratory Director

9-21-00

Date

METALS
SAMPLE DATA SUMMARY

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-1

Lab Name: Buck Environmental Labs, Inc.

Contract:

Lab Code: 10795Case No. Z UNITE

SAS No.:

SDG No.: BEL0013Matrix (soil/water): WATERLab Sample ID: 0006302-01Level (low/med): LOWDate Received: 6/22/00% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	526			P
7440-36-0	Antimony	10	U		P
7440-38-2	Arsenic	57.9			P
7440-39-3	Barium	91.8	B		P
7440-41-7	Beryllium	1	U		P
7440-43-9	Cadmium	1	U		P
7440-70-2	Calcium	145000			P
7440-47-3	Chromium	2.2	B		P
7440-48-4	Cobalt	3	U		P
7440-50-8	Copper	5.6	B		P
7439-89-6	Iron	2880			P
7439-92-1	Lead	1.1		N	F
7439-95-4	Magnesium	10800			P
7439-96-5	Manganese	588			P
7439-97-6	Mercury	0.53			CV
7440-02-0	Nickel	2	U		P
7440-09-7	Potassium	13700			P
7782-49-2	Selenium	0.79	B		F
7440-22-4	Silver	28.0			P
7440-23-5	Sodium	41500			P
7440-28-0	Thallium	6	U		P
7440-62-2	Vanadium	3	U		P
7440-66-6	Zinc	134		*	P

Color Before: _____

Clarity Before: _____

Texture: _____

Color After: _____

Clarity After: _____

Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-1 F

Lab Name: Buck Environmental Labs, Inc.

Contract:

Lab Code: 10795Case No. Z UNITE

SAS No.:

SDG No.: BEL0013Matrix (soil/water): WATERLab Sample ID: 0006302-01Level (low/med): LOWDate Received: 6/22/00% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8	U		P
7440-36-0	Antimony	10	U		P
7440-38-2	Arsenic	24.8	B		P
7440-39-3	Barium	85.8	B		P
7440-41-7	Beryllium	1	U		P
7440-43-9	Cadmium	1	U		P
7440-70-2	Calcium	142000			P
7440-47-3	Chromium	1	U		P
7440-48-4	Cobalt	3	U		P
7440-50-8	Copper	5.5	B		P
7439-89-6	Iron	302			P
7439-92-1	Lead	0.5	U	N	F
7439-95-4	Magnesium	10800			P
7439-96-5	Manganese	567			P
7439-97-6	Mercury	0.2	U		CV
7440-02-0	Nickel	2	U		P
7440-09-7	Potassium	13400			P
7782-49-2	Selenium	0.5	U		F
7440-22-4	Silver	27.4			P
7440-23-5	Sodium	43300			P
7440-28-0	Thallium	6	U		P
7440-62-2	Vanadium	3	U		P
7440-66-6	Zinc	24.7			P

Color Before: _____ Clarity Before: _____

Texture: _____

Color After: _____ Clarity After: _____

Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3

Lab Name: Buck Environmental Labs, Inc.

Contract:

Lab Code: 10795Case No. Z UNITE

SAS No.:

SDG No.: BEL0013Matrix (soil/water): WATERLab Sample ID: 0006302-02Level (low/med): LOWDate Received: 6/22/00% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6770			P
7440-36-0	Antimony	10	U		P
7440-38-2	Arsenic	8.4	B		P
7440-39-3	Barium	118	B		P
7440-41-7	Beryllium	1	U		P
7440-43-9	Cadmium	1	U		P
7440-70-2	Calcium	62500			P
7440-47-3	Chromium	15.1			P
7440-48-4	Cobalt	8.7	B		P
7440-50-8	Copper	80.7			P
7439-89-6	Iron	11600			P
7439-92-1	Lead	1.3		N	F
7439-95-4	Magnesium	6550			P
7439-96-5	Manganese	406			P
7439-97-6	Mercury	7.4			CV
7440-02-0	Nickel	13.0	B		P
7440-09-7	Potassium	2160	B		P
7782-49-2	Selenium	1.4			F
7440-22-4	Silver	9.6	B		P
7440-23-5	Sodium	1550	B		P
7440-28-0	Thallium	6	U		P
7440-62-2	Vanadium	19.5	B		P
7440-66-6	Zinc	285		*	P

Color Before: _____

Clarity Before: _____

Texture: _____

Color After: _____

Clarity After: _____

Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3 F

Lab Name: Buck Environmental Labs, Inc.

Contract:

Lab Code: 10795Case No. Z UNITE

SAS No.:

SDG No.: BEL0013Matrix (soil/water): WATERLab Sample ID: 0006302-02Level (low/med): LOWDate Received: 6/22/00% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	57.9	B		P
7440-36-0	Antimony	10	U		P
7440-38-2	Arsenic	5	U		P
7440-39-3	Barium	15.7	B		P
7440-41-7	Beryllium	1	U		P
7440-43-9	Cadmium	1	U		P
7440-70-2	Calcium	41200			P
7440-47-3	Chromium	1	U		P
7440-48-4	Cobalt	3	U		P
7440-50-8	Copper	6.9	B		P
7439-89-6	Iron	21.6	B		P
7439-92-1	Lead	0.5	U	N	F
7439-95-4	Magnesium	3540	B		P
7439-96-5	Manganese	40.4			P
7439-97-6	Mercury	0.56			CV
7440-02-0	Nickel	2	U		P
7440-09-7	Potassium	811	B		P
7782-49-2	Selenium	1.4			F
7440-22-4	Silver	6.1	B		P
7440-23-5	Sodium	3020	B		P
7440-28-0	Thallium	6	U		P
7440-62-2	Vanadium	3	U		P
7440-66-6	Zinc	30.5			P

Color Before: _____ Clarity Before: _____

Texture: _____

Color After: _____ Clarity After: _____

Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-4

Lab Name: Buck Environmental Labs, Inc.

Contract:

Lab Code: 10795Case No. 2 UNITE

SAS No.:

SDG No.: BEL0013Matrix (soil/water): WATERLab Sample ID: 0006302-03Level (low/med): LOWDate Received: 6/22/00% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1710			P
7440-36-0	Antimony	10	U		P
7440-38-2	Arsenic	9.7	B		P
7440-39-3	Barium	100.0	B		P
7440-41-7	Beryllium	1	U		P
7440-43-9	Cadmium	1	U		P
7440-70-2	Calcium	125000			P
7440-47-3	Chromium	4.2	B		P
7440-48-4	Cobalt	5.6	B		P
7440-50-8	Copper	19.2	B		P
7439-89-6	Iron	11600			P
7439-92-1	Lead	21.6		N	F
7439-95-4	Magnesium	11000			P
7439-96-5	Manganese	214			P
7439-97-6	Mercury	0.48			CV
7440-02-0	Nickel	2.6	B		P
7440-09-7	Potassium	10900			P
7782-49-2	Selenium	0.5	U		F
7440-22-4	Silver	31.2			P
7440-23-5	Sodium	152000			P
7440-28-0	Thallium	6	U		P
7440-62-2	Vanadium	6.3	B		P
7440-66-6	Zinc	47.0		*	P

Color Before: _____ Clarity Before: _____

Texture: _____

Color After: _____ Clarity After: _____

Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-4 F

Lab Name: Buck Environmental Labs, Inc.

Contract:

Lab Code: 10795Case No. Z UNITE

SAS No.:

SDG No.: BEL0013Matrix (soil/water): WATERLab Sample ID: 0006302-03Level (low/med): LOWDate Received: 6/22/00% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8	U		P
7440-36-0	Antimony	10	U		P
7440-38-2	Arsenic	5	U		P
7440-39-3	Barium	61.9	B		P
7440-41-7	Beryllium	1	U		P
7440-43-9	Cadmium	1	U		P
7440-70-2	Calcium	112000			P
7440-47-3	Chromium	1	U		P
7440-48-4	Cobalt	3	U		P
7440-50-8	Copper	4.5	B		P
7439-89-6	Iron	1700			P
7439-92-1	Lead	0.5	U	N	F
7439-95-4	Magnesium	9550			P
7439-96-5	Manganese	169			P
7439-97-6	Mercury	0.2	U		CV
7440-02-0	Nickel	2	U		P
7440-09-7	Potassium	9420			P
7782-49-2	Selenium	0.5	U		F
7440-22-4	Silver	26.9			P
7440-23-5	Sodium	138000			P
7440-28-0	Thallium	6	U		P
7440-62-2	Vanadium	3	U		P
7440-66-6	Zinc	21.0			P

Color Before: _____ Clarity Before: _____

Texture: _____

Color After: _____ Clarity After: _____

Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RINSE BLANK

Lab Name: Buck Environmental Labs, Inc.

Contract:

Lab Code: 10795Case No. Z UNITE

SAS No.:

SDG No.: BEL0013Matrix (soil/water): WATERLab Sample ID: 0006302-04Level (low/med): LOWDate Received: 6/22/00% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	59.1	B		P
7440-36-0	Antimony	10	U		P
7440-38-2	Arsenic	5	U		P
7440-39-3	Barium	9	U		P
7440-41-7	Beryllium	1	U		P
7440-43-9	Cadmium	1	U		P
7440-70-2	Calcium	461	B		P
7440-47-3	Chromium	1	U		P
7440-48-4	Cobalt	3	U		P
7440-50-8	Copper	6.6	B		P
7439-89-6	Iron	15.8	B		P
7439-92-1	Lead	0.5	U	N	F
7439-95-4	Magnesium	73.1	B		P
7439-96-5	Manganese	1	U		P
7439-97-6	Mercury	0.18	U		CV
7440-02-0	Nickel	2	U		P
7440-09-7	Potassium	63.3	B		P
7782-49-2	Selenium	0.64	B		F
7440-22-4	Silver	3	U		P
7440-23-5	Sodium	478	B		P
7440-28-0	Thallium	6	U		P
7440-62-2	Vanadium	3	U		P
7440-66-6	Zinc	35.8		*	P

Color Before: _____ Clarity Before: _____

Texture: _____

Color After: _____ Clarity After: _____

Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

LCSW

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0013Matrix (soil/water): WATER Lab Sample ID: LCSWLevel (low/med): LOW Date Received:% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	19200			P
7440-36-0	Antimony	6170			P
7440-38-2	Arsenic	1060			P
7440-39-3	Barium	19900			P
7440-41-7	Beryllium	491			P
7440-43-9	Cadmium	500			P
7440-70-2	Calcium	40200			P
7440-47-3	Chromium	981			P
7440-48-4	Cobalt	4930			P
7440-50-8	Copper	2400			P
7439-89-6	Iron	9980			P
7439-92-1	Lead	21.0			F
7439-95-4	Magnesium	39400			P
7439-96-5	Manganese	1550			P
7439-97-6	Mercury	1.1			CV
7440-02-0	Nickel	3850			P
7440-09-7	Potassium	38600			P
7782-49-2	Selenium	23.3			F
7440-22-4	Silver	1060			P
7440-23-5	Sodium	39900			P
7440-28-0	Thallium	1010			P
7440-62-2	Vanadium	4890			P
7440-66-6	Zinc	1990			P

Color Before: _____ Clarity Before: _____ Texture: _____
Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBW

Lab Name: Buck Environmental Labs, Inc.

Contract:

Lab Code: 10795Case No. Z UNITE

SAS No.:

SDG No.: BEL0013Matrix (soil/water): WATERLab Sample ID: PBWLevel (low/med): LOW

Date Received:

% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	49.5	B		P
7440-36-0	Antimony	10	U		P
7440-38-2	Arsenic	5.2	B		P
7440-39-3	Barium	9	U		P
7440-41-7	Beryllium	1	U		P
7440-43-9	Cadmium	1	U		P
7440-70-2	Calcium	42	U		P
7440-47-3	Chromium	1	U		P
7440-48-4	Cobalt	3	U		P
7440-50-8	Copper	8.8	B		P
7439-89-6	Iron	7	U		P
7439-92-1	Lead	0.5	U		F
7439-95-4	Magnesium	64	U		P
7439-96-5	Manganese	1	U		P
7439-97-6	Mercury	0.18	U		CV
7440-02-0	Nickel	2.3	B		P
7440-09-7	Potassium	52	U		P
7782-49-2	Selenium	0.5	U		F
7440-22-4	Silver	3	U		P
7440-23-5	Sodium	134	U		P
7440-28-0	Thallium	6	U		P
7440-62-2	Vanadium	3	U		P
7440-66-6	Zinc	11.5	B		P

Color Before: _____

Clarity Before: _____

Texture: _____

Color After: _____

Clarity After: _____

Artifacts: _____

Comments:

U.S. EPA - CLP

3
BLANKSLab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0013Preparation Blank Matrix (soil/water): WATERPreparation Blank Concentration Units (ug/L or mg/kg): ug/L

Analyte	Initial Calib. Blank (ug/L) C		Continuing Calibration Blank (ug/L)						Preparation Blank C		M
			1	C	2	C	3	C			
Aluminum	27.3	B	41.7	B	38.4	B	54.8	B	49.5	B	P
Antimony	10.4	U	16.4	B	19.8	B	13.7	B	10.0	U	P
Arsenic	9.0	B	5.7	B	5.7	B	7.4	B	5.2	B	P
Beryllium	0.5	U	0.5	U	0.5	U	0.5	U	1.0	U	P
Cadmium	1.1	U	1.1	U	1.1	U	1.1	U	1.0	U	P
Calcium	42.3	U	42.3	U	42.3	U	-43.0	B	42.0	U	P
Chromium	0.8	U	0.8	U	0.8	U	0.8	U	1.0	U	P
Cobalt	2.7	U	2.7	U	2.7	U	2.7	U	3.0	U	P
Copper	8.6	B	8.9	B	7.1	B	6.9	B	8.8	B	P
Iron	7.2	U	7.2	U	7.2	U	7.2	U	7.0	U	P
Magnesium	64.4	U	64.4	U	64.4	U	64.4	U	64.0	U	P
Manganese	1.2	U	1.2	U	1.2	U	1.2	U	1.0	U	P
Nickel	2.2	U	2.2	B	2.2	U	2.2	B	2.3	B	P
Potassium	52.3	U	52.3	U	52.3	U	52.3	U	52.0	U	P
Silver	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U	P
Sodium	134.0	U	134.0	U	134.0	U	134.0	U	134.0	U	P
Vanadium	2.9	U	2.9	U	2.9	U	2.9	U	3.0	U	P
Zinc	13.0	B	10.3	B	5.7	B	5.2	B	11.5	B	P

U.S. EPA - CLP

3
BLANKSLab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0013Preparation Blank Matrix (soil/water): WATERPreparation Blank Concentration Units (ug/L or mg/kg): ug/L

Analyte	Initial Calib. Blank (ug/L)		Continuing Calibration Blank (ug/L)						Prepa- ration Blank		M
		C	1	C	2	C	3	C		C	
Barium	8.7	U	8.7	U	8.7	U			9.0	U	P
Thallium	8.9	B	6.0	U	6.0	U			6.0	U	P

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3
BLANKS

Lab Name: Buck Environmental Labs, Inc. Contract:
 Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0013
 Preparation Blank Matrix (soil/water): WATER
 Preparation Blank Concentration Units (ug/L or mg/kg): ug/L

Analyte	Initial Calib. Blank (ug/L)		Continuing Calibration Blank (ug/L)						Prepa- ration Blank		M
	C		1	C	2	C	3	C	C		
Selenium	1.0	U	1.0	U	1.0	U			0.5	U	F

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3
BLANKS

Lab Name: Buck Environmental Labs, Inc. Contract:
 Lab Code: 10795 Case No. 2 UNITE SAS No.: SDG No.: BEL0013
 Preparation Blank Matrix (soil/water): WATER
 Preparation Blank Concentration Units (ug/L or mg/kg): ug/L

Analyte	Initial Calib. Blank (ug/L)		Continuing Calibration Blank (ug/L)						Prepa- ration Blank		M
		C	1	C	2	C	3	C		C	
Lead	1.0	U	1.0	U	1.0	U	1.0	U	0.5	U	F

U.S. EPA - CLP

3
BLANKSLab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0013Preparation Blank Matrix (soil/water): WATERPreparation Blank Concentration Units (ug/L or mg/kg): ug/L

Analyte	Initial Calib. Blank (ug/L)		Continuing Calibration Blank (ug/L)						Prepa- ration Blank		M
		C	1	C	2	C	3	C		C	
Mercury	0.2	U	0.2	U	0.2	U			0.2	U	CV

U.S. EPA - CLP

5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

MW-1S

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0013Matrix (soil/water): WATER Level (low/med): LOW% Solids for Sample: 0.0Concentration Units (ug/L or mg/kg dry weight): ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Spike Added (SA)	%R	Q	M
Aluminum	75-125	2613.3751	525.7555	2000.00	104.4		P
Antimony	75-125	490.8782	10.0000	500.00	98.2		P
Arsenic	75-125	2272.4803	57.8861	2000.00	110.7		P
Beryllium	75-125	52.4147	1.0000	50.00	104.8		P
Cadmium	75-125	52.0430	1.0000	50.00	104.1		P
Calcium		143365.4739	144939.1181	0.00	0.0		P
Chromium	75-125	209.3644	2.2496	200.00	103.6		P
Cobalt	75-125	515.6197	3.0000	500.00	103.1		P
Copper	75-125	250.9588	5.5982	250.00	98.1		P
Iron	75-125	3983.5735	2884.0866	1000.00	109.9		P
Magnesium		11089.1729	10831.7138	0.00	0.0		P
Manganese	75-125	1134.0772	588.0833	500.00	109.2		P
Nickel	75-125	498.8773	2.0000	500.00	99.8		P
Potassium		13430.5830	13670.6875	0.00	0.0		P
Silver	75-125	81.2726	27.9766	50.00	106.6		P
Sodium		42205.1714	41456.6526	0.00	0.0		P
Vanadium	75-125	524.3055	3.0000	500.00	104.9		P
Zinc	75-125	583.6700	133.9528	500.00	89.9		P

Comments:

U.S. EPA - CLP

5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

MW-1 FS

Lab Name: Buck Environmental Labs, Inc. Contract:

Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0013

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

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

Analyte	Control Limit %R	Spiked Sample Result (SSR) C	Sample Result (SR) C	Spike Added (SA)	%R	Q	M
Lead	75-125	9.9230	0.5000 U	20.00	49.6	N	F
Mercury	75-125	2.4050	0.2000 U	2.00	120.2	CV	F
Selenium	75-125	15.1100	0.5000 U	20.00	75.6	F	

Comments:

U.S. EPA - CLP

6
DUPLICATES

EPA SAMPLE NO.

MW-1D

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0013Matrix (soil/water): WATER Level (low/med): LOW% Solids for Sample: 0.0 % Solids for Duplicate:Concentration Units (ug/L or mg/kg dry weight): ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum	200	525.7555		535.01		1.7		P
Antimony	20	10.0000	U	0.00	U	0.0		P
Arsenic		57.8861		64.72		11.2		P
Beryllium	20	1.0000	U	0.00	U	0.0		P
Cadmium	20	1.0000	U	0.00	U	0.0		P
Calcium		144939.1181		142256.45		1.9		P
Chromium	20	2.2496	B	1.93	B	0.0		P
Cobalt	20	3.0000	U	0.00	U	0.0		P
Copper	20	5.5982	B	6.05	B	0.0		P
Iron		2884.0866		2869.11		0.5		P
Magnesium	5000	10831.7138		10841.67		0.1		P
Manganese		588.0833		586.90		0.2		P
Nickel	20	2.0000	U	0.00	U	0.0		P
Potassium	5000	13670.6875		13287.89		2.8		P
Silver	10	27.9766		27.23		2.7		P
Sodium		41456.6526		41474.16		0.0		P
Vanadium	20	3.0000	U	0.00	U	0.0		P
Zinc	20	133.9528		55.66		82.6	*	P

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6
 DUPLICATES

EPA SAMPLE NO.

MW-1 FD

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0013Matrix (soil/water): WATER Level (low/med): LOW% Solids for Sample: 0.0 % Solids for Duplicate:Concentration Units (ug/L or mg/kg dry weight): ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Lead	20	0.5000	U	0.00	U	0.0		F
Mercury	30	0.2000	U	0.27	B	0.0		CV
Selenium	20	0.5000	U	0.00	U	0.0		F

U.S. EPA - CLP

9

ICP SERIAL DILUTIONS

EPA SAMPLE NO.

MW-1

Lab Name: Buck Environmental Labs, Inc. Contract:Lab Code: 10795 Case No. Z UNITE SAS No.: SDG No.: BEL0013Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Differ- ence	Q	M
Aluminum	525.8		677.0	B	0.0		P
Antimony	60.00	U	300.0	U	0.0		P
Arsenic	57.89		69.70		18.5		P
Beryllium	5.000	U	25.00	U	0.0		P
Cadmium	5.000	U	25.00	U	0.0		P
Calcium	144900		143900		0.7		P
Chromium	2.250	B	50.00	U	0.0		P
Cobalt	50.00	U	250.0	U	0.0		P
Copper	5.598	B	29.79	B	0.0		P
Iron	2884		2925		1.4		P
Magnesium	10830		11110	B	0.0		P
Manganese	588.1		616.4		4.7		P
Nickel	40.00	U	200.0	U	0.0		P
Potassium	13670		10070	B	0.0		P
Silver	27.98		24.95	B	0.0		P
Sodium	41460		39290		5.4		P
Vanadium	50.00	U	250.0	U	0.0		P
Zinc	134.0		144.1		7.3		P

U.S. EPA - CLP

10

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: Buck Environmental Labs, Inc.

Contract:

Lab Code: 10795Case No. Z UNITESAS No.: Z UNITESDG No.: BEL0013

ICP ID Number:

PE3000Date: 9/1/99

Flame AA ID Number:

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum	308.22		200.0	7.6	P
Antimony	206.83		60.0	10.4	P
Arsenic	188.98		10.0	5.15	P
Barium	233.53		200.0	8.67	P
Beryllium	313.11		5.0	0.495	P
Boron	249.733		500.0	14	P
Cadmium	226.5		5.0	1.11	P
Calcium	315.89		5000.0	42.3	P
Chromium	267.72		10.0	0.81	P
Cobalt	228.62		50.0	2.69	P
Copper	324.75		25.0	1.8	P
Iron	302.11		100.0	7.15	P
Lead	220.35		3.0	1.49	P
Magnesium	279.08		5000.0	64.4	P
Manganese	257.61		15.0	1.23	P
Nickel	232		40.0	2.2	P
Potassium	766.49		5000.0	52.3	P
Selenium	196.03		5.0	3.56	P
Silver	338.29		10.0	3.04	P
Sodium	330.24		5000.0	134	P
Thallium	190.8		10.0	6	P
Tin	242.17		500.0	10.84	P
Vanadium	292.4		50.0	2.89	P
Zinc	206.2		20.0	1.64	P

Comments:

U.S. EPA - CLP

10

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: Buck Environmental Labs, Inc. Contract:

Lab Code: 10795 Case No. Z UNITE SAS No.: Z UNITE SDG No.: BEL0013

ICP ID Number: Date: 9/15/99

Flame AA ID Number:

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Mercury	253.6	BD	0.2	0.17	CV

Comments:

U.S. EPA - CLP

10

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: Buck Environmental Labs, Inc. Contract:

Lab Code: 10795 Case No. Z UNITE SAS No.: Z UNITE SDG No.: BEL0013

ICP ID Number: Date: 11/3/99

Flame AA ID Number:

Furnace AA ID Number: PE5100

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Selenium	196	BZ	10.0	1	F

Comments:

U.S. EPA - CLP

10

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: Buck Environmental Labs, Inc.

Contract:

Lab Code: 10795

Case No. Z UNITE

SAS No.: Z UNITE

SDG No.: BEL0013

ICP ID Number:

Date: 12/2/99

Flame AA ID Number:

Furnace AA ID Number: PE5100

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Lead	283.3	BZ	10.0	1	F

Comments:

CHAINS OF CUSTODY

CHAIN OF CUSTODY RECORD

NOTE: The information given on this form was supplied by the client and authorizes the Laboratory to proceed with analysis according to the Standard Terms and Conditions of Buck Environmental Laboratories, Inc. provided on the reverse side of this chain-of-custody. The client authorization signature acknowledges that the terms are acceptable and agreed to by the client.

LABORATORY LOG NO.

0006302

CLIENT United Dominion Industries, Inc.
 ADDRESS 2300 One First Union Center
301 South College Street
Charlotte, NC 28202-6039
 PHONE NO. _____
 REPORT TO ATTN: _____

NORMAL QA/QC
 PREMIUM QA/QC
 NORMAL TURNAROUND
 EXPEDITE AT PREMIUM
 CLIENT AUTHORIZ. SIGN. _____

SDG BELODIB

PROJECT NAME Little Falls

PO NO. _____

SAMPLED BY J. Melgrim

ANALYSIS REQUESTED

NP-250X
metals (T+4 Drk)

DATE	TIME	LOCATION	MATRIX (A/R SOLID, WATER)	GRAB OR COMPOSITE	NUMBER OF CONTAINERS	VOLUME OF CONTAINERS	PRESERVATIVE USED
6/22/00	13:35	MW-1	W	G	1	500 mL	NP
6/22/00	13:45	MW-3	W	G	1	500 mL	NP
6/22/00	13:25	MW-4	W	G	1	500 mL	NP
6/22/00		MW-5	W	G	1	500 mL	NP
6/22/00	11:45	Rinse Blank	W	G	1	500 mL	NP

Not Collected

DATE	TIME	RELINQUISHED BY	ACCEPTED BY	ADDITIONAL COMMENTS
6/22/00	16:10	1 <u>[Signature]</u>	1 <u>[Signature]</u>	base -> 4 hrs
		2		on-site -> 2.25 hrs
		3		
		4		

BUCK ENVIRONMENTAL LABORATORIES
SAMPLE LOG-IN SHEET

CLIENT UDI, Inc

PAGE 1 OF 1

RECEIVED BY (PRINT) SHIRLEY E. TOWNER

RECEIVED BY (SIGNATURE) Shirley E. Towner

DATE RECEIVED 06/22/00

BEL JOB # 0006302

Instructions: For each cooler, Complete items a-l and then list sample information in the section below. If any conditions marked with an * exist, the project manager must be contacted.

Case Number: _____ Client _____ Sample BEL _____ Remarks: _____
SDG Number: BEL 0013 Sample Name _____ Tag # _____ ID # _____ Condition Of Sample Shipment, Etc. _____

a. Custody Seals: Present/Absent* _____
Intact/Broken* _____

b. Custody Seal Numbers: _____

c. Chain of Custody Records: Present/Absent* _____

d. Sample Information Sheets: Present/Absent* _____

e. Airbill Sticker: Present/Absent* _____

f. Airbill Number _____

g. Sample Tags: Present/Absent* _____

h. Sample Tag Numbers on chain of custody: Listed/Not Listed _____

i. Sample condition: Intact/Broken*/Leaking _____

j. Does information on chain of custody, sample information sheets, & sample tags agree? Yes/No* _____

k. Date/Time Received at lab _____
_____/_____/_____ _____

l. Cooler Temperature _____ °C

Any item marked *, Contact Project Manager _____

Sample Transfer _____

Fraction: _____

Area: _____

By: _____

On: _____

BEL Job # 0006302

Inorganic Internal Chain of Custody

Testing: Turb, Filtration

Date 6/22/80

Relinquished By: Heeling E. Lounsbury

Date 6/22/00

Received By: Murley & Lerner

Sample Removal & Return Tracking

Sample Removal & Return Tracking																									
BEL Sample ID	Removed Tissue				Returned			Removed Filter				Returned			Removed				Returned						
	Date	Time	By	*	Date	Time		Date	Time	By	*	Date	Time		Date	Time	By	*	Date	Time					
-001A	6/22	4 ⁰⁰	IES	A	6/22	4 ¹⁵		6/22	4 ¹⁵	SET	SS	6/22	4 ¹⁵		6/22	4 ¹⁵									
-002A	6/22	4 ⁰⁰	IES	A	6/22	4 ¹⁵		6/22	4 ¹⁵	SET	SS	6/22	4 ¹⁵		6/22	4 ¹⁵									
-003A	6/22	4 ⁰⁰	IES	A	6/22	4 ¹⁵		6/22	4 ¹⁵	SET	SS	6/22	4 ¹⁵		6/22	4 ¹⁵									
-004A	6/22	4 ⁰⁰	IES	A	6/22	4 ¹⁵		6/22	4 ¹⁵	SET	SS	6/22	4 ¹⁵		6/22	4 ¹⁵									
												</													

* Reasons for Removal: A = Analysis DW = Dry Weight SS = Sub-sample D = Depleted Sample

DATA USABILITY SUMMARY REPORT

The analytical work for this project was conducted under NYSDEC ASP protocol. The work is assigned "Sample Delivery Group" (SDG) identifications in order to process and review the work in a systematic way. The review of this analytical work is reported in a "Data Usability Summary Report" (DUSR). This provides an evaluation of the data quality and whether the data can be relied upon for specific project usage.

Section dividers (green pages) have been inserted to identify each SDG DUSR.

DATA USABILITY SUMMARY REPORT

SDG 0006

DATA USABILITY
SUMMARY REPORT

BEL 0006

Prepared for:

**United Dominion Industries, Inc.
2300 One First Union Center
301 South College Street
Charlotte, NC 28202-6039**

**Site No. V00223-6
VCP Investigation
Feldmeier Equipment Inc.
575 East Mill Street
Little Falls, NY**

Prepared by:

**Buck Engineering
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DATA USABILITY SUMMARY REPORT

This data usability summary report (DUSR) was prepared by the author for United Dominion Industries, Inc. (UDI) in support of their VCP Investigation of Site No. V00223-6 (Feldmeier Equipment, Inc., 575 East Mill Street, Little Falls, NY). The report is intended to meet NYSDEC Division of Environmental Remediation, Guidance for the Development of Data Usability Summary Reports (9-97). The author used USEPA Contract Laboratory Program National Functional Guidelines (2-94) to assist in data review requirements and used New York State Department of Environmental Conservation Analytical Services Protocol (10-95) as the base reference for laboratory submittal requirements. The author's credentials are presented in an attachment.

Sample and Analytical Description-

Buck Environmental Laboratories, Inc. received a total of 19 soil samples, 9 water samples and 10 QC samples. These samples were delivered on 4 different dates, and all samples were assigned to the sample delivery group BEL0006. The tables below summarize the samples received and the analyses requested.

SAMPLING DATE	VTSR	SAMPLE ID	BEL SAMPLE ID	VOLATILES by ASP-95-1	SEMI-VOLATILES by ASP-95-2	PCB's by ASP-95-3	INORGANICS by CLP-M (metals) (cyanide)	
4/17/00	4/18/00	EQUIPMENT BLANK	0004206-01	X	X	-	X	X
4/11/00	4/12/00	EXPOSURE PATHWAY-CREEK-DOWNSTREAM	0004132-02	X	X	-	X	-
4/17/00	4/18/00	EXPOSURE PATHWAY-CREEK-DOWNSTREAM	0004206-10	-	-	-	-	X
4/11/00	4/12/00	EXPOSURE PATHWAY-CREEK-UPSTREAM	0004132-03	X	X	-	X	-
4/11/00	4/12/00	HE-1-SOIL BACKGROUND	0004131-01	-	X	-	X	X
4/11/00	4/12/00	HE-2 SOIL BACKGROUND	0004131-02	-	X	-	X	X
4/11/00	4/12/00	HE-3 SOIL BACKGROUND	0004131-03	-	X	-	X	X
4/17/00	4/18/00	MW-1	0004206-02	X	X	-	X	X
4/17/00	4/18/00	MW-3	0004206-03	-	-	-	X	-
4/18/00	4/19/00	MW-3	0004245-01	X	X	-	-	X
4/17/00	4/18/00	MW-4	0004206-04	X	X	-	X	X
4/17/00	4/18/00	MW-4 FIELD DUP	0004206-07	-	-	-	X	X
4/17/00	4/18/00	MW-4 MS	0004206-05	X	X	-	X	X
4/17/00	4/18/00	MW-4 MSD	0004206-06	X	X	-	X	X
4/14/00	4/15/00	MW-4 AST 4'-6'	0004180-11	-	X	-	X	X
4/14/00	4/15/00	MW-4 AST 6'-8'	0004180-12	X	-	-	-	-
4/17/00	4/18/00	MW-5	0004206-08	-	-	-	X	-
4/13/00	4/15/00	SB-1: 6"-1' ELECTRO. WASTES	0004180-01	-	-	-	X	X

Sample and Analytical Description- (cont.)

SAMPLING DATE	VTSR	SAMPLE ID	BEL SAMPLE ID	VOLATILES by ASP-95-1	SEMI-VOLATILES by ASP-95-2	PCB's by ASP-95-3	INORGANICS by CLP-M (metals) (cyanide)	
4/13/00	4/15/00	SB-1: 4'-5.3" ELECTRO. WASTES	0004180-02	-	-	-	X	X
4/13/00	4/15/00	SB-2: 6"-1' ELECTRO. WASTES	0004180-03	-	-	-	X	X
4/13/00	4/15/00	SB-2: 2'-3.2' ELECTRO. WASTES	0004180-04	-	-	-	X	X
4/13/00	4/15/00	SB-3: 6'-6.8' ELECTRO. WASTES	0004180-05	-	X	-	X	X
4/13/00	4/15/00	SB-3: 6.8' ELECTRO. WASTES	0004180-06	X	-	-	-	-
4/13/00	4/15/00	SB-4: 8'-10' ELECTRO. WASTES	0004180-07	-	X	-	X	X
4/13/00	4/15/00	SB-4: 20'-22' ELECTRO. WASTES	0004180-08	X	-	-	-	-
4/14/00	4/15/00	SB-5 GAS MANUFACTURING	0004180-10	X	X	-	X	X
4/11/00	4/12/00	TP-1 PETROLEUM AST'S	0004131-04	X	X	-	X	X
4/11/00	4/12/00	TP-2 PETROLEUM AST'S	0004131-05	X	X	-	X	X
4/11/00	4/12/00	TP-2 PETROEUM AST'S	0004132-01	X	X	-	X	-
4/11/00	4/12/00	TP-3 FIELD DUP	0004131-09	-	-	-	X	X
4/11/00	4/12/00	TP-3 MS	0004131-07	X	X	X	X	X
4/11/00	4/12/00	TP-3 MSD	0004131-08	X	X	X	X	X
4/11/00	4/12/00	TP-3 TANNERY SITE	0004131-06	X	X	X	X	X
4/11/00	4/12/00	TP-4 TANNERY SITE	0004131-10	X	X	X	X	X
4/11/00	4/12/00	TP-5 TANNERY SITE	0004131-11	X	X	X	X	X
4/11/00	4/12/00	TRIP BLANK 4/11	0004132-04	X	-	-	-	-
4/13/00	4/15/00	TRIP BLANK 4/13	0004180-09	X	-	-	-	-
4/17/00	4/18/00	TRIP BLANK 4/17	0004206-09	X	-	-	-	-

Data Usability Ratings-

Data packages were presented by BEL for DUSR review. The package was complete under NYSDEC ASP Category B deliverables. Data were reviewed by group (volatile organics, semivolatile organics, and inorganics) and assigned one of the following ratings.

Valid, usable – Review criteria adhered to, no qualifiers added.

Estimated, usable – Certain review criteria were not met due to matrix interference or minor laboratory deficiencies. A "J" qualifier is added to the data and the results should be considered estimates of true value.

Data Usability Ratings- (cont.)

Invalid, unusable – Critical review criteria were not met due to sample matrix or laboratory deficiencies. The results are marked with an “R” qualifier and the data should not be used.

Volatile Organics (VOCs)

All VOCs were analyzed within hold time. Instrument tuning met acceptance criteria. Initial and continuing calibrations met acceptance. Method blanks were free of interferences to the IDL for each compound. Surrogate recoveries and internal standard response met acceptance criteria for all samples. MS and MSD's met acceptance criteria for recovery and RPD.

Based upon this review, no VOC data were qualified and the VOC results should be considered valid and usable.

Semi-Volatile Organics (SVOCs)

All SVOCs were extracted and analyzed within technical holding times. Instrument tuning, initial and continuing calibrations met method acceptance criteria. On the initial calibration, the compound Di-n-octylphthalate had a %RSD greater than 30% (34.6%). Checking for linearity by eliminating the high point and re-calculating the %RSD, brings the compound into the acceptable range (<30%) and no qualifier is needed. On the continuing calibration of 5/11, two compounds exceeded the 25% RSD. The compounds were Di-n-octylphthalate (-31.9%) and 2,4-Dinitrophenol (33.0%). On the continuing calibration of 5/12, three compounds exceeded the 25% RSD. The compounds were Di-n-octylphthalate (-31.9%), 2,4-Dinitrophenol (59.1%) and 4,6-Dinitro-2-methylphenol (54.6%). Also the RRF's of the latter two compounds were below 0.05 (2,4-Dinitrophenol had an RRF of 0.033 and 4,6-Dinitro-2-methylphenol had an RRF of 0.046). On the continuing calibration of 5/13, eight compounds exceeded the 25% RSD. The compounds were Hexachlorocyclopentadiene (27.3%), 2,4-Dinitrophenol (42.0%), 4-Nitroaniline (-34.0%), 4,6-Dinitro-2-methylphenol (64.4%), Butylbenzylphthalate (-55.0%), 3,3-Dichlorobenzidine (-66.8%), bis (2-Ethylhexyl) phthalate (-57.8%), and Di-n-octylphthalate (-43.4%). Also the RRF of two of those compounds was below 0.05; 2,4-Dinitrophenol had an RRF of 0.047 and 4,6-Dinitro-2-methylphenol had an RRF of 0.036. The validator adds these qualifiers based upon continuing calibration criteria:

“J” assigned to positive results for the following compounds:

bis (2-Ethylhexyl) phthalate (5/13)

“UJ” assigned to non-detect results for the following compounds on indicated

date: Hexachlorocyclopentadiene (5/13)

4-Nitroaniline (5/13)

Butylbenzylphthalate (5/13)

3,3-Dichlorobenzidine (5/13)

bis (2-Ethylhexyl) phthalate (5/13)

Di-n-octylphthalate (5/11, 5/12, 5/13)

The validator, using professional judgement after raw data review, adds the qualifier “UJ”, based upon continuing calibration and low RRF to non-detect results for the following compounds:

2,4-Dinitrophenol (5/11, 5/12, 5/13)

4,6-Dinitro-2-methylphenol (5/12 and 5/13)

These compounds met technical requirements by ASP 95-2 and are sufficiently documented to be quantifiable. The individual samples will be listed in the summary table.

SVOC's- (cont.)

Five method blanks were analyzed and three were free of interference to the IDL of each compound. One water and one soil method blank each had bis (2-Ethylhexyl) phthalate quantified below CRQL ("J"). "J" has already been added to bis (2-Ethylhexyl) phthalate as stated above. The sample labeled "Equipment Blank" was non-detect for all compounds. MS and MSD recoveries met method acceptance criteria. The soil MSD had 1 RPD exceed the QC limit while the water MSD had 5 RPD's exceed the QC limits. No qualifications are assigned to this data. Internal standard responses met acceptance criteria for all samples. Surrogate recoveries are acceptable.

Based upon this review, the compounds listed above have qualifiers assigned. For specific samples, see the summary table at the end of this narrative. All other SVOC data are considered valid and usable.

Pesticide/PCB's

All samples were extracted and analyzed within ASP holding times. Instrument tuning, initial and continuing calibration met acceptance criteria. The resolution of 2 PEM compounds (beta-BHC and gamma-BHC) was at 84%, below the desired 90%. All samples were non-detect and retention times were within windows. No qualifiers are assigned due to resolution. Method blanks were free of interference to the IDL for each compound. Surrogate recoveries and internal standards met acceptance criteria for all samples. MS and MSD recoveries met acceptance criteria.

Based upon this review, no Pesticide/PCB data were qualified and the results should be considered valid and usable.

Inorganics

Holding times were met. Initial calibration for all analytes was acceptable, except Ba at 87.8% on the soil run. The limit would be 90%. Using professional judgement no qualifiers are assigned since the CCV's are all tightly grouped at 102-104%. CCV2 for Hg was at 72% where the limit is 80%. This was following a LCSS which was 108% and all other CCV's were acceptable. No qualifiers are assigned. Soil ICB's were non-detect to IDL. The soil Prep Blank was non-detect to IDL for all but TI, which was just above IDL. CCB's were generally non-detect to IDL with the exception of CCB4 for Pb at 3.4 ug/l, which was above CRDL at 3.0 ug/l. Water ICB's were non-detect to IDL for most analytes. Analytes above IDL were Al, As, Cu, Na and Zn. The absolute value of the Ag ICB was above CRDL as were both CCB's. Results for Ag analysis of water samples are rejected to preclude the possibility of false positive results. The water Prep Blank was non-detect to IDL for all analytes but Al, Cu, and Zn, all of which were above IDL but below CRDL. ICP Interference check samples on the soil run had Pb recover at 69%. Pb soil results are qualified as estimated. The water ICP run had ICSA and ICSAB (initial and final) recoveries for Ba and Ag high and Zn low. Ag results were rejected earlier. Ba and Zn results are qualified as estimates. LCSW and LCSS results were satisfactory. The duplicate water sample is qualified for Hg and TI in the package (*) and all associated results are qualified by the validator as estimates. Duplicate soil sample results are satisfactory. The soil spike sample results have Hg and Ag results qualified in the package (N) and the validator would additionally qualify all associated results as estimated (Ag results have been rejected).

The water spike sample results for Sb, Pb, Hg, Se and Tl are below the acceptance limits and are qualified (N) in the package. The validator qualifies all associated data as estimates. The serial dilution on the soil sample had Zn recover above the acceptance limit and associated results are qualified in the package (E). Additionally the validator qualifies these Zn results as estimates. The water serial dilution sample has Co, Fe, Ag, Na and Zn with recoveries greater than 10% and are qualified (E) in the package. The validator additionally qualifies these associated results as estimated. Form 10's, reporting IDL's for inorganics is outdated for this work (9/1/99 ICP, 9/15/99 Hg).

***Based upon this review, the analytes named above are qualified as stated.
All other inorganic data are considered valid and usable. A summary of qualified data is at the end of this report.***

Field Blanks, Trip Blanks, Field Duplicates-

Three trip blanks, an equipment blank, two MS/MSD's (1 water, 1 soil), and two field duplicates were submitted with this SDG to evaluate potential sources of contamination. The MS/MSD's are discussed in the sections above. The first two trip blanks submitted were non-detect for all volatile compounds. The third trip blank (labeled "Tripblank420") had acetone quantified at 13 ug/l. The equipment blank was non-detect for volatile and semi-volatile compounds, while several inorganic analytes were quantified above CRDL (Hg at 0.3 ug/l and Zn at 50 ug/l). For water sample and field duplicate M-4, only five analytes are within a 25% RPD and thirteen analytes have %RPD's greater than 75%. For soil sample and field dup TP-3, seven analytes are within 25% RPD and one analyte is greater than 75% RPD.

Reviewed Data Summary-

The tables below summarize the author's conclusions as to data qualifiers and usability of data.

VOLATILE ORGANICS

SAMPLE ID	COMPOUND	VALIDATOR ASSIGNED QUALIFIER	USABILITY
all	all	none	valid, usable

SEMI-VOLATILE ORGANICS

<i>SAMPLE ID</i>	<i>COMPOUND</i>	<i>VALIDATOR ASSIGNED QUALIFIER</i>	<i>USABILITY</i>
all samples	2,4-Dinitrophenol	J or UJ	estimated, usable
all samples	Di-n-octylphthalate	J or UJ	estimated, usable
soil samples	4,6-Dinitro-2-methylphenol	J or UJ	estimated, usable
TP-5, SB-5, MW-4 AST	Bis (2-Ethylhexyl) phthalate	J or UJ	estimated, usable
TP-5, SB-5, MW-4 AST	Hexachlorocyclopentadiene 4-Nitroaniline Butylbenzylphthalate 3,3-Dichlorobenzidine	UJ if <IDL	estimated, usable
all	all other compounds	none	valid, usable

PESTICIDES/PCB'S

<i>SAMPLE ID</i>	<i>COMPOUND</i>	<i>VALIDATOR ASSIGNED QUALIFIER</i>	<i>USABILITY</i>
all	all	none	valid, usable

TAL METALS, CYANIDE

<i>SAMPLE ID</i>	<i>COMPOUND</i>	<i>VALIDATOR ASSIGNED QUALIFIER</i>	<i>USABILITY</i>
water samples	Ag	R	unusable, rejected
water samples	Ba, Co, Fe, Hg, Na, Pb, Tl, Sb, Se, Zn	J or UJ	estimated, usable
water samples	remaining analytes	none	valid, usable
soil samples	Hg, Pb, Zn	J or UJ	estimated, usable
soil samples	remaining analytes	none	valid, usable

Certification-

The reviewer attests that this DUSR has been prepared truthfully and honestly to the best of his knowledge, information and belief, and that he has the experience and training required to offer this opinion.



John H. Buck, P.E.
September 22, 2000

DATA USABILITY SUMMARY REPORT

SDG 0008

DATA USABILITY
SUMMARY REPORT

SDG BEL0008

Prepared for:

**United Dominion Industries, Inc.
2300 One First Union Center
301 South College Street
Charlotte, NC 28202-6039**

**Site No. V00223-6
VCP Investigation
Feldmeier Equipment Inc.
575 East Mill Street
Little Falls, NY**

Prepared by:

**Buck Engineering, LLC
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Cortland, NY 13045**

DATA USABILITY SUMMARY REPORT

This data usability summary report (DUSR) was prepared by the author for United Dominion Industries, Inc. (UDI) in support of their VCP Investigation of Site No. V00223-6 (Feldmeier Equipment, Inc., 575 East Mill Street, Little Falls, NY). The report is intended to meet NYSDEC Division of Environmental Remediation, Guidance for the Development of Data Usability Summary Reports (9-97). The author used USEPA Contract Laboratory Program National Functional Guidelines (2-94) to assist in data review requirements and used New York State Department of Environmental Conservation Analytical Services Protocol (10-95) as the base reference for laboratory submittal requirements.

Sample and Analytical Description-

Buck Environmental Laboratories, Inc. received one water sample and 1 trip blank for analysis. The samples arrived 5/23/00 at 16:30 PM by hand delivery of the sampler, Eric Monsen. The BEL QC Manager, Barbara Houskamp, accepted the samples. There was 1 cooler in the delivery with custody seals and samples intact. The laboratory identification number 0005307 was assigned to these samples.

SAMPLING DATE	SAMPLE ID	BEL SAMPLE ID	VOLATILES by ASP-95-1	SEMI-VOLATILES by ASP-95-2	PCB's by ASP-95-3	TAL METALS by CLP-M
5/23/00	MW-1	0005307-01	X	-	-	-
5/23/00	Trip Blank	0005307-02	X	-	-	-

Data Usability Ratings-

The data package was presented by BEL for DUSR review. The package was complete under NYSDEC ASP Category B deliverables. Data were reviewed and assigned one of the following ratings.

Valid, usable – Review criteria adhered to, no qualifiers added.

Estimated, usable – Certain review criteria were not met due to matrix interference or minor laboratory deficiencies. A "J" qualifier is added to the data and the results should be considered estimates of true value.

Invalid, unusable – Critical review criteria were not met due to sample matrix or laboratory deficiencies. The results are marked with an "R" qualifier and the data should not be used.

Volatile Organics (VOCs)

All VOCs were analyzed within hold time. Instrument tuning met acceptance criteria. The initial calibration met method acceptance criteria. Using professional judgement as allowed under the Functional Guidelines, the three compounds with %RSD's above 30% (2-Butanone, 4-Methyl-2-pentanone, and 2-Hexanone) are not qualified since they met method criteria and supporting documentation is adequate. The continuing calibrations met acceptance criteria. Method blanks were free of interferences to the IDL for each compound.

VOC's (cont)

Surrogate recoveries and internal standard response met acceptance criteria for all samples. MS and MSD's met acceptance criteria for recovery however the %RPD's for all 5 compounds exceeded the QC limits. The validator assigns no qualifications to this package.

Based upon this review, no VOC data were qualified and the VOC results should be considered valid and usable.

Reviewed Data Summary-

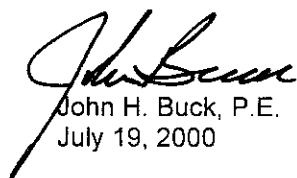
The tables below summarize the author's conclusions as to data qualifiers and usability of data.

VOLATILE ORGANICS

SAMPLE ID	COMPOUND	VALIDATOR ASSIGNED QUALIFIER	USABILITY
ALL	ALL	None	Valid, usable

Certification-

The reviewer attests that this DUSR has been prepared truthfully and honestly to the best of his knowledge, information and belief, and that he has the experience and training required to offer this opinion.


John H. Buck, P.E.
July 19, 2000

DATA USABILITY SUMMARY REPORT

SDG 0013

DATA USABILITY
SUMMARY REPORT

BEL0013

Prepared for:

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**Site No. V00223-6
VCP Investigation
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575 East Mill Street
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Prepared by:

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DATA USABILITY SUMMARY REPORT

This data usability summary report (DUSR) was prepared by the author for United Dominion Industries, Inc. (UDI) in support of their VCP Investigation of Site No. V00223-6 (Feldmeier Equipment, Inc., 575 East Mill Street, Little Falls, NY). The report is intended to meet NYSDEC Division of Environmental Remediation, Guidance for the Development of Data Usability Summary Reports (9-97). The author used USEPA Contract Laboratory Program National Functional Guidelines (2-94) to assist in data review requirements and used New York State Department of Environmental Conservation Analytical Services Protocol (10-95) as the base reference for laboratory submittal requirements.

Sample and Analytical Description-

The samples arrived at Buck Environmental Laboratories, Inc. 6/22/00 at 16:10 PM by hand delivery from the sampler, Joseph Meldrim. Shirley Towner, the inorganics section supervisor, accepted the samples. The samples were in 500-ml bottles with no preservative. Each sample was sub-sampled into 2 bottles, one for filtered metals and one for total metals analyses. The bottle for total analysis had HNO₃ as a preservative. The laboratory identification number 0006302 was assigned to these samples.

SAMPLING DATE	SAMPLE ID	BEL SAMPLE ID	VOLATILES by ASP-95-1	SEMI- VOLATILES by ASP-95-2	PCB's by ASP-95-3	TAL METALS by CLP-M
6/22/00	MW-1	0006302-01	-	-	-	X
6/22/00	MW-3	0006302-02	-	-	-	X
6/22/00	MW-4	0006302-03	-	-	-	X
6/22/00	Rinse Blank	0006302-04	-	-	-	X

Data Usability Ratings-

The data package was presented by BEL for DUSR review. The package was complete under NYSDEC ASP Category B deliverables. Data were reviewed and assigned one of the following ratings.

Valid, usable – Review criteria adhered to, no qualifiers added.

Estimated, usable – Certain review criteria were not met due to matrix interference or minor laboratory deficiencies. A "J" qualifier is added to the data and the results should be considered estimates of true value.

Invalid, unusable – Critical review criteria were not met due to sample matrix or laboratory deficiencies. The results are marked with an "R" qualifier and the data should not be used.

TAL Metals

The samples were taken on June 22. Due to an administrative miscommunication, Hg analyses did not occur until August 18. Hold time under ASP is 26 days. This hold time period was exceeded by 30 days. The expected bias would be low. Samples MW-1F and MW-4F were non-detect. Samples MW-3F and MW-1, MW-3 and MW-4 had results >IDL. The reviewer qualifies Hg data as estimated ("UJ" to non-detect samples and "J" to samples with results >IDL). Calibrations were acceptable. Blanks (ICB's, CCB's and the Prep Blank) had several analytes just above IDL, well below CRDL and are acceptable. The ICP Interference Check (Form 4) presents Zn recoveries below acceptance levels (limits are $\pm 20\%$) and the Ba recoveries above the acceptance limit. The validator qualifies all Zn and Ba results as estimated ("UJ" to non-detect samples and "J" to samples with results >IDL). The LCS is acceptable. Duplicate results for Zn are qualified in the package "*" for being outside the $\pm 20\%$ RPD range. No further qualification is assigned for this. The spike recovery for Pb at 49.6% is outside control limits ($\pm 20\%$) and is qualified "N" in the package. The validator assigns the additional qualification that all Pb results are estimated ("J" or "UJ").

Reviewed Data Summary-

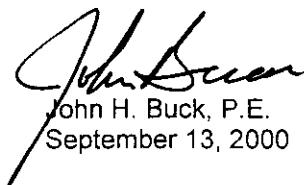
The table below summarizes the author's conclusions as to data qualifiers and usability of data.

TAL Metals (not including cyanide)

SAMPLE ID	COMPOUND	VALIDATOR ASSIGNED QUALIFIER	USABILITY
all	Hg	"J" or "UJ"	estimated, usable
all	Zn, Ba	"J" or "UJ"	estimated, usable
all	Pb	"J" or "UJ"	estimated, usable
all	remaining analytes	none	valid, usable

Certification-

The reviewer attests that this DUSR has been prepared truthfully and honestly to the best of his knowledge, information and belief, and that he has the experience and training required to offer this opinion.



John H. Buck, P.E.
September 13, 2000