1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1860

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-06

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1408.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	5.9	B
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	2.3	J
156-59-2	cis-1,2-Dichloroethene	28	
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	4.1	J
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1860

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-06

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1408.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	620	E
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	2.5	J
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1860

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-06

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1408.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1860DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-06RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1438.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 10.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	50	U
74-87-3	Chloromethane	50	U
75-01-4	Vinyl chloride	50	U
74-83-9	Bromomethane	50	U
75-00-3	Chloroethane	50	U
75-69-4	Trichlorofluoromethane	50	U
75-35-4	1,1-Dichloroethene	50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	50	U
67-64-1	Acetone	100	U
75-15-0	Carbon disulfide	50	U
79-20-9	Methyl acetate	50	U
75-09-2	Methylene chloride	63	BD
156-60-5	trans-1,2-Dichloroethene	50	U
1634-04-4	Methyl tert-butyl ether	50	U
75-34-3	1,1-Dichloroethane	50	U
156-59-2	cis-1,2-Dichloroethene	24	JD
78-93-3	2-Butanone	100	U
74-97-5	Bromochloromethane	50	U
67-66-3	Chloroform	50	U
71-55-6	1,1,1-Trichloroethane	50	U
110-82-7	Cyclohexane	50	U
56-23-5	Carbon tetrachloride	50	U
71-43-2	Benzene	50	U
107-06-2	1,2-Dichloroethane	50	U
123-91-1	1,4-Dioxane	1000	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1860DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-06RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1438.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 10.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	550	D
108-87-2	Methylcyclohexane	50	U
78-87-5	1,2-Dichloropropane	50	U
75-27-4	Bromodichloromethane	50	U
10061-01-5	cis-1,3-Dichloropropene	50	U
108-10-1	4-Methyl-2-pentanone	100	U
108-88-3	Toluene	50	U
10061-02-6	trans-1,3-Dichloropropene	50	U
79-00-5	1,1,2-Trichloroethane	50	U
127-18-4	Tetrachloroethene	50	U
591-78-6	2-Hexanone	100	U
124-48-1	Dibromochloromethane	50	U
106-93-4	1,2-Dibromoethane	50	U
108-90-7	Chlorobenzene	50	U
100-41-4	Ethylbenzene	50	U
95-47-6	o-Xylene	50	U
179601-23-1	m,p-Xylene	50	U
100-42-5	Styrene	50	U
75-25-2	Bromoform	50	U
98-82-8	Isopropylbenzene	50	U
79-34-5	1,1,2,2-Tetrachloroethane	50	U
541-73-1	1,3-Dichlorobenzene	50	U
106-46-7	1,4-Dichlorobenzene	50	U
95-50-1	1,2-Dichlorobenzene	50	U
96-12-8	1,2-Dibromo-3-chloropropane	50	U
120-82-1	1,2,4-Trichlorobenzene	50	U
87-61-6	1,2,3-Trichlorobenzene	50	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1860DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: _____ SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-06RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1438.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. _____ Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 10.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		UNKNOWN	1.72	49000	JD
02		UNKNOWN	8.72	53	JD
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
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20					
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22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1861

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-07

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1410.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	4.6	JB
156-60-5	trans-1,2-Dichloroethene	2.2	J
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.2	
156-59-2	cis-1,2-Dichloroethene	100	
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	3.4	J
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1861

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-07

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1410.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	580	E
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	31	
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1861

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-07

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1410.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1861DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-07RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1439.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 5.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	25	U
74-87-3	Chloromethane	25	U
75-01-4	Vinyl chloride	25	U
74-83-9	Bromomethane	25	U
75-00-3	Chloroethane	25	U
75-69-4	Trichlorofluoromethane	25	U
75-35-4	1,1-Dichloroethene	25	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	25	U
67-64-1	Acetone	50	U
75-15-0	Carbon disulfide	25	U
79-20-9	Methyl acetate	25	U
75-09-2	Methylene chloride	28	BD
156-60-5	trans-1,2-Dichloroethene	25	U
1634-04-4	Methyl tert-butyl ether	25	U
75-34-3	1,1-Dichloroethane	6.4	JD
156-59-2	cis-1,2-Dichloroethene	120	D
78-93-3	2-Butanone	50	U
74-97-5	Bromochloromethane	25	U
67-66-3	Chloroform	25	U
71-55-6	1,1,1-Trichloroethane	25	U
110-82-7	Cyclohexane	25	U
56-23-5	Carbon tetrachloride	25	U
71-43-2	Benzene	25	U
107-06-2	1,2-Dichloroethane	25	U
123-91-1	1,4-Dioxane	500	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1861DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-07RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1439.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 5.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	720	D
108-87-2	Methylcyclohexane	25	U
78-87-5	1,2-Dichloropropane	25	U
75-27-4	Bromodichloromethane	25	U
10061-01-5	cis-1,3-Dichloropropene	25	U
108-10-1	4-Methyl-2-pentanone	50	U
108-88-3	Toluene	25	U
10061-02-6	trans-1,3-Dichloropropene	25	U
79-00-5	1,1,2-Trichloroethane	25	U
127-18-4	Tetrachloroethene	30	D
591-78-6	2-Hexanone	50	U
124-48-1	Dibromochloromethane	25	U
106-93-4	1,2-Dibromoethane	25	U
108-90-7	Chlorobenzene	25	U
100-41-4	Ethylbenzene	25	U
95-47-6	o-Xylene	25	U
179601-23-1	m,p-Xylene	25	U
100-42-5	Styrene	25	U
75-25-2	Bromoform	25	U
98-82-8	Isopropylbenzene	25	U
79-34-5	1,1,2,2-Tetrachloroethane	25	U
541-73-1	1,3-Dichlorobenzene	25	U
106-46-7	1,4-Dichlorobenzene	25	U
95-50-1	1,2-Dichlorobenzene	25	U
96-12-8	1,2-Dibromo-3-chloropropane	25	U
120-82-1	1,2,4-Trichlorobenzene	25	U
87-61-6	1,2,3-Trichlorobenzene	25	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1861DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-07RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1439.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 5.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		UNKNOWN	1.72	14000	JD
02		UNKNOWN	8.72	52	JD
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1862

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-08

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1434.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	11	B
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1862

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-08

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1434.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1862

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-08

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1434.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
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09					
10					
11					
12					
13					
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22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1863

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-09

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1416.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	5.8	B
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	3.1	J
156-59-2	cis-1,2-Dichloroethene	3.8	J
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	3.2	J
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1863

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-09

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1416.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	140	
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	8.7	
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1863

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-09

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1416.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:(ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
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27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1866

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-10

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1417.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	75	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	7.1	B
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	1.9	J
156-59-2	cis-1,2-Dichloroethene	3.0	J
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	700	E
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1866

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-10

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1417.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	49	
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1866

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-10

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1417.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
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10					
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24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1866DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-10RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1440.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 5.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	25	U
74-87-3	Chloromethane	25	U
75-01-4	Vinyl chloride	25	U
74-83-9	Bromomethane	25	U
75-00-3	Chloroethane	25	U
75-69-4	Trichlorofluoromethane	25	U
75-35-4	1,1-Dichloroethene	25	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	25	U
67-64-1	Acetone	50	U
75-15-0	Carbon disulfide	25	U
79-20-9	Methyl acetate	25	U
75-09-2	Methylene chloride	36	BD
156-60-5	trans-1,2-Dichloroethene	25	U
1634-04-4	Methyl tert-butyl ether	25	U
75-34-3	1,1-Dichloroethane	25	U
156-59-2	cis-1,2-Dichloroethene	25	U
78-93-3	2-Butanone	50	U
74-97-5	Bromochloromethane	25	U
67-66-3	Chloroform	25	U
71-55-6	1,1,1-Trichloroethane	690	D
110-82-7	Cyclohexane	25	U
56-23-5	Carbon tetrachloride	25	U
71-43-2	Benzene	25	U
107-06-2	1,2-Dichloroethane	25	U
123-91-1	1,4-Dioxane	500	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1866DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-10RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1440.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 5.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	50	D
108-87-2	Methylcyclohexane	25	U
78-87-5	1,2-Dichloropropane	25	U
75-27-4	Bromodichloromethane	25	U
10061-01-5	cis-1,3-Dichloropropene	25	U
108-10-1	4-Methyl-2-pentanone	50	U
108-88-3	Toluene	25	U
10061-02-6	trans-1,3-Dichloropropene	25	U
79-00-5	1,1,2-Trichloroethane	25	U
127-18-4	Tetrachloroethene	25	U
591-78-6	2-Hexanone	50	U
124-48-1	Dibromochloromethane	25	U
106-93-4	1,2-Dibromoethane	25	U
108-90-7	Chlorobenzene	25	U
100-41-4	Ethylbenzene	25	U
95-47-6	o-Xylene	25	U
179601-23-1	m,p-Xylene	25	U
100-42-5	Styrene	25	U
75-25-2	Bromoform	25	U
98-82-8	Isopropylbenzene	25	U
79-34-5	1,1,2,2-Tetrachloroethane	25	U
541-73-1	1,3-Dichlorobenzene	25	U
106-46-7	1,4-Dichlorobenzene	25	U
95-50-1	1,2-Dichlorobenzene	25	U
96-12-8	1,2-Dibromo-3-chloropropane	25	U
120-82-1	1,2,4-Trichlorobenzene	25	U
87-61-6	1,2,3-Trichlorobenzene	25	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1866DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008456-10RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1440.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 5.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
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22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK30

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070033-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1120.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/20/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	1.7	J
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK30

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070033-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1120.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/20/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
VBLK30

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070033-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1120.D

Level: (TRACE or LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/20/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
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22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK32

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070035-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1140.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	2.0	J
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK32

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070035-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1140.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
VBLK32

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070035-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1140.D

Level: (TRACE or LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
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25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK45

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070071-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1311.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/30/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	1.4	JB
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK45

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070071-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1311.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/30/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
VBLK45

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070071-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1311.D

Level: (TRACE or LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/30/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
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27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKGK

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070053-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1403.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	1.2	J
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	4.7	J
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKGK

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070053-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1403.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
VBLKGK

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070053-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1403.D

Level: (TRACE or LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
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25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKGL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070061-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1419.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	1.2	J
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKGL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070061-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1419.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
VBLKGL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070061-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1419.D

Level: (TRACE or LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VHBLK01

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-10

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1323.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/30/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	1.4	JB
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VHBLK01

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-10

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1323.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/30/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
VHBLK01

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1809

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008444-10

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1323.D

Level: (TRACE or LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/30/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
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12					
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20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
ESD Central Regional Laboratory
Data Tracking Form for Contract Samples

Sample Delivery Group: E1809 CERCLIS No: OHN000510164

Case No: 36627 Site Name/Location: Behr Dayton Thermal (OH)

Contractor or EPA Lab: AH Scientific Data User: OEPA

No. of Samples: 19 Date Sampled or Date Received: 13 Aug 07

Have Chain-of-Custody records been received? Yes ✓ No ____
Have traffic reports or packing lists been received? Yes ✓ No ____
If no, are traffic report or packing list numbers written on the Chain-of-Custody Record?
Yes ____ No ____
If no, which traffic report or packing list numbers are missing?

____ ____ ____ ____
____ ____ ____ ____

Are basic data forms in? Yes ✓ No ____
No of samples claimed: ____ No. of samples received: ____

Received by: pdaus johnson Date: 3 Aug 07

Received by LSSS: pdaus johnson Date: 8 Aug 07

Review started: ____ Reviewer Signature: ____

Total time spent on review: ____ Date review completed: ____

Copied by: ____ Date: ____

Mailed to user by: pdaus johnson Date: 13 Aug 07

DATA USER:
Please fill in the blanks below and return this form to:
Sylvia Griffin, Data Mgmt. Coordinator, Region V, ML-10C

Data received by: ____ Date: ____

Data review received by: ____ Date: ____

Inorganic Data Complete	[ ] Suitable for Intended Purpose [ ] ✓ if OK
Organic Data Complete	[ ] Suitable for Intended Purpose [ ] ✓ if OK
Dioxin data Complete	[ ] Suitable for Intended Purpose [ ] ✓ if OK
SAS Data Complete	[ ] Suitable for Intended Purpose [ ] ✓ if OK

PROBLEMS: Please indicate reasons why data are not suitable for your uses.

____

____

Received by Data Mgmt. Coordinator for Files. Date: ____

ESAT Controlled Number: ESAT5-05-00192-Roj 21 Aug 07

DATE: August 21, 2007

Ohio EPA Field Office
ATTN: **Mr. Jeff Wander**
4675 Homer Ohio Lane
Groveport, OH 43125

SITE NAME: Behr Dayton Thermal (OH)

CASE	LAB	SAMPLES	SDG	MATRIX
36627	A4 Scientific	16	E1800	water

Upon receipt of data, please check each package for completeness and note any missing deliverables below.

PLEASE! Send this form back to Sylvia Griffin, Data Management Coordinator after filling in the blanks below.

Data Received by:_____ Date:_____

PROBLEMS:

Please indicate if data is complete, and note if there are any deliverables missing from the cases noted above.

_____

_____

Received by Data Management Coordinator, CRL for file.

Signature:_____ Date:_____

FROM: **U.S. EPA - Region 5**
Sylvia Griffin
Central Regional Laboratory
536 S. Clark, 10th Floor
Chicago, IL 60605

Sent By: Pat Johnson
Data Coordinator
ESAT Region 5 – **TechLaw Inc.**

Controlled Document

ESAT5.04.00110
ACH 8-21-07

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
SUPERFUND DIVISION

DATE:

SUBJECT: **Electronic (Level 2) Review of Data**

Received for Review on: August 8, 2007

FROM: Stephen L. Ostrodka, Chief (SRT-4J)
Superfund Field Services Section

TO: Data User: OEPA

THE FOLLOWING DATA HAS BEEN ELECTRONICALLY REVIEWED BY CADRE. NO REVIEW OF THE RAW DATA, LABORATORY NARRATIVE, LABORATORY FORMS OR CHAIN-OF-CUSTODY FORMS WAS PERFORMED.

SITE Name: Behr Dayton Thermal (OH)

Case Number: 36627 SDG Number: E1800

Number and Type of Samples: 16 Waters (Volatiles)

Sample Numbers: E1800 – E1808, E1812 – E1814, E1825, E1841, E1875, E1876

Laboratory: A4 Scientific, Inc. Hrs for Review:

Following are our findings:

CC: Howard Pham
Region 5 TPO
Mail Code: SRT-4J

Case Number: 36627
Site Name: Behr Dayton Thermal, OH

SDG Number: E1800
Laboratory: A4 Scientific, Inc.

Below is a summary of the out-of-control audits and the possible effects on the data for this case:

Sixteen (16) water samples labeled E1800 through E1808, E1812 through E1814, E1825, E1841, E1875 and E1876 were collected July 13 - 19, 2007. The lab received the samples July 19 - 20, 2007 in good condition. All samples were analyzed for only the Low Level Volatile lists of organic analytes. All samples were analyzed according to CLP SOW SOM01.1.

Sample E1841 is a trip blank.

Case Number: 36627
Site Name: Behr Dayton Thermal, OH

SDG Number: E1800
Laboratory: A4 Scientific, Inc.

1. HOLDING TIME

See National Functional Guidelines Report #3.

2. GC/MS TUNING AND GC INSTRUMENT PERFORMANCE

See National Functional Guidelines Report #3.

3. CALIBRATION

See National Functional Guidelines Report #3.

4. BLANKS

See National Functional Guidelines Report #3.

5. SYSTEM MONITORING COMPOUND AND SURROGATE RECOVERY

See National Functional Guidelines Report #3.

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

See National Functional Guidelines Report #3.

7. FIELD BLANK AND FIELD DUPLICATE

Sample E1841 is a trip blank. No samples were identified as field blanks or field duplicates. Results are not qualified based upon the results of the field duplicates.

8. INTERNAL STANDARDS

See National Functional Guidelines Report #3.

9. COMPOUND IDENTIFICATION

After reviewing the mass spectra and chromatograms it appears that all Volatile compounds were properly identified.

10. COMPOUND QUANTITATION AND REPORTED DETECTION LIMITS

See National Functional Guidelines Report #3.

11. SYSTEM PERFORMANCE

GC/MS baseline indicated acceptable performance.

12. ADDITIONAL INFORMATION

None.

Case Number: 36627
Site Name: Behr Dayton Thermal, OH

SDG Number: E1800
Laboratory: A4 Scientific, Inc.

CADRE Data Qualifier Sheet

Qualifiers	Data Qualifier Definitions
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the action limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a tentative identification.
NJ	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a tentative identification and the associated numerical value represents its approximate concentration.
R	The data are unusable. (The compound may or may not be present.)

National Functional Guidelines Report # 3

8:39 Wed, Aug 8, 2007

Lab A4 (A4 Scientific) **SDG** E1800 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43683 **SOW** SOM01.1

Data Review Results

Blanks

Blanks	**VOA_LOW_MED**
VLB11	The following volatile samples have common contaminant analyte concentrations reported less than 2x the CRQL. The associated method blank common contaminant concentration is less than 2x the concentration criteria Detected compounds are qualified U. Nondetected compounds are not qualified. Reported sample concentrationshave been elevated to the CRQL.
	Methylene chloride E1800, E1801, E1802, E1802DL, E1803, E1804, E1804DL, E1806DL, E1807, E1807DL, E1808, E1825, E1875, E1876, E1876DL
Blanks	**VOA_LOW_MED**
VLB46	The following volatile samples have common contaminant analyte concentrations reported less than 2x the CRQL. The associated storage blank common contaminant concentration is less than 2x the concentration criteria Detected compounds are qualified U. Nondetected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.
	Methylene chloride E1800, E1801, E1802, E1802DL, E1803, E1804, E1804DL, E1806, E1806DL, E1807, E1807DL, E1808, E1825, E1875, E1876, E1876DL
Blanks	**VOA_LOW_MED**
VLB55	The following volatile samples have common contaminant analyte concentrations reported greater than or equal to 2x the CRQL. The associated storage blank common contaminant concentration is less than 2x the concentration criteria. Detected and nondetected compounds are not qualified. Professional judgement is recommended for qualification of the data.
	Methylene chloride E1800MS, E1800MSD, E1805, E1812, E1813, E1814, E1825DL, E1841, E1875DL

National Functional Guidelines Report # 3

Lab A4 (A4 Scientific) **SDG** E1800 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43683 **SOW** SOM01.1

Data Review Results

Continuing Calibration Verification

Continuing Calibration Verification	**VOA_LOW_MED**
VC14	The following volatile samples are associated with a CCV with relative response factors (RRF50) outside criteria. Detected compounds are qualified J. Nondetected compounds are qualified R.
	E1800, E1800MS, E1800MSD, E1801, E1802, E1802DL, E1803, E1804, E1804DL, E1805, E1806, E1806DL, E1807, E1807DL, E1808, E1812, E1813, E1814, E1825, E1825DL, E1841, E1875, E1875DL, E1876, E1876DL, VBLK32, VBLK34, VBLK35, VBLK45, VBLKGF, VHBLK01
	1,4-Dioxane VSTD05032, VSTD05033, VSTD05034, VSTD05035, VSTD05036, VSTD05046, VSTD050GH
Continuing Calibration Verification	**VOA_LOW_MED**
VC22	The following volatile samples are associated with a CCV in which a DMC did not meet relative response factor(RRF) criteria. Detected and nondetected compounds are not qualified. Professional judgement is recommended for qualification of the data.
	E1800, E1800MS, E1800MSD, E1801, E1802, E1802DL, E1803, E1804, E1804DL, E1805, E1806, E1806DL, E1807, E1807DL, E1808, E1812, E1813, E1814, E1825, E1825DL, E1841, E1875, E1875DL, E1876, E1876DL, VBLK32, VBLK34, VBLK35, VBLK45, VBLKGF, VHBLK01
	1,4-Dioxane-d8 VSTD05033, VSTD05035, VSTD05036, VSTD05046, VSTD050GH 1,4-Dioxane
Continuing Calibration Verification	**VOA_LOW_MED**
VC8	The following volatile samples are associated with an opening or closing CCV percent difference (%D) outside criteria. Detected compounds are qualified J. Nondetected compounds are qualified UJ.
	E1800, E1800MS, E1800MSD, E1801, E1802, E1802DL, E1803, E1804, E1804DL, E1805, E1806DL, E1807, E1807DL, E1808, E1812, E1813, E1814, E1825, E1825DL, E1841, E1875, E1875DL, E1876, E1876DL, VBLK32, VBLK34, VBLK35
	trans-1,3-Dichloropropene VSTD05034 **Carbon tetrachloride** VSTD05032, VSTD05034
	2-Hexanone VSTD05034
	Acetone VSTD05034
	Benzene VSTD05036
	Chloroethane VSTD05032, VSTD05034 **1,1-Dichloroethane** VSTD05034 **1,1-Dichloroethene** VSTD05034
	1,1,2-Trichloro-1,2,2-trifluoroethane VSTD05034
	1,2-Dichloropropane VSTD05036
	Isopropylbenzene VSTD05034

National Functional Guidelines Report # 3

Lab A4 (A4 Scientific) **SDG** E1800 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43683 **SOW** SOM01.1

Data Review Results

DMC/Surrogate

DMC/Surrogate	**VOA_LOW_MED**
VDSS3	The following volatile samples have DMC/SMC recoveries above the upper limit of the criteria window. Detected compounds are qualified J. Nondetected compounds are not qualified. **1,1-Dichloroethene-d2** E1807
	cis-1,2-Dichloroethene, trans-1,2-Dichloroethene

Data Review Results

Detection Limit

Detection Limit	**VOA_LOW_MED**
VDL1	The following volatile samples have analyte concentrations below the quantitation limit (CRQL). Detected compounds are qualified J. Nondetected compounds are not qualified. E1800MS, E1800MSD, E1801, E1802, E1802DL, E1803, E1804, E1804DL, E1805, E1806, E1806DL, E1807, E1808, E1812, E1813, E1814, E1825, E1841, E1875, E1875DL, E1876, E1876DL, VBLK32, VBLK34, VBLK35, VBLK45, VHBLK01
	Tetrachloroethene E1802, E1802DL, E1803, E1805, E1807, E1808, E1813, E1825, E1875DL
	cis-1,2-Dichloroethene E1805, E1875DL
	trans-1,2-Dichloroethene E1801, E1802, E1804DL, E1808, E1876DL
	Acetone E1825, E1875
	Chloroform E1800MS, E1800MSD, E1812, E1814, E1825
	1,1,1-Trichloroethane E1805, E1806DL, E1808, E1812
	Vinyl chloride E1825
	Methylene chloride E1802, E1804, E1806, E1807, E1876, E1876DL, VBLK32, VBLK34, VBLK35, VBLK45, VHBLK01
	1,1-Dichloroethane E1808
	1,1,2-Trichloroethane E1825
	Trichloroethene E1841
	Isopropylbenzene E1814

Data Review Results

Initial Calibration

Initial Calibration	**VOA_LOW_MED**
VC15	The following volatile samples are associated with an initial calibration with relative response factors (RRFs) outside criteria. Detected compounds are qualified J. Nondetected compounds are qualified R.
	E1800, E1800MS, E1800MSD, E1801, E1802, E1802DL, E1803, E1804, E1804DL, E1805, E1806, E1806DL, E1807, E1807DL, E1808, E1812, E1813, E1814, E1825, E1825DL, E1841, E1875, E1875DL, E1876, E1876DL, VBLK32, VBLK34, VBLK35, VBLK45, VBLKGF, VHBLK01
	1,4-Dioxane VSTD00530, VSTD00545, VSTD005GF, VSTD01030, VSTD01045, VSTD010GF, VSTD05030, VSTD05045, VSTD050GF, VSTD10030, VSTD10045, VSTD100GF, VSTD20030, VSTD20045, VSTD200GF
Initial Calibration	**VOA_LOW_MED**
VC19	The following volatile samples are associated with an initial calibration in which a DMC exceeded percent relative standard deviation (%RSD) criteria. Detected and nondetected compounds are not qualified. Professional judgement is recommended for qualification of the data.
	E1806, VBLKGF
	Chloroethane-d5 VSTD005GF Bromomethane, Carbon disulfide, Chloroethane, Chloromethane, Dichlorodifluoromethane **2-Hexanone-d5** VSTD005GF
	2-Hexanone, 4-Methyl-2-pentanone
Initial Calibration	**VOA_LOW_MED**
VC20	The following volatile samples are associated with an initial calibration in which a DMC did not meet relative response factor (RRF) criteria. Detected and nondetected compounds are not qualified. Professional judgement is recommended for qualification of the data. E1800, E1800MS, E1800MSD, E1801, E1802, E1802DL, E1803, E1804, E1804DL, E1805, E1806, E1806DL, E1807, E1807DL, E1808, E1812, E1813, E1814, E1825, E1825DL, E1841, E1875, E1875DL, E1876, E1876DL, VBLK32, VBLK34, VBLK35, VBLK45, VBLKGF, VHBLK01
	1,4-Dioxane-d8 VSTD00530, VSTD00545, VSTD005GF, VSTD01030, VSTD01045, VSTD010GF, VSTD05030, VSTD05045, VSTD050GF, VSTD10030, VSTD10045, VSTD100GF, VSTD20030, VSTD20045, VSTD200GF
	1,4-Dioxane
Initial Calibration	**VOA_LOW_MED**
VC6	The following volatile samples are associated with an initial calibration percent relative standard deviation (%RSD) outside criteria. Detected compounds are qualified J. Nondetected compounds are not qualified. Use professional judgement to qualify non-detected compounds.
	E1806, VBLK45, VBLKGF, VHBLK01
	Bromomethane VSTD00545 **Chloroethane** VSTD005GF

Data Review Results

Matrix Spikes

Matrix Spikes	**VOA_LOW_MED**
VMS3	The following volatile matrix spike/matrix spike duplicate samples have percent recovery greater than the upper acceptance criteria. Detected compounds are qualified J. Nondetected compounds are not qualified.
	Trichloroethene E1800MS, E1800MSD

National Functional Guidelines Report # 3

Lab A4 (A4 Scientific) **SDG** E1800 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43683 **SOW** SOM01.1

Data Review Results

TIC

TIC	**VOA_LOW_MED**
VTIC1	A library search indicates a match at or above 85% for a TIC compound in the volatile sample Detected compounds are qualified NJ. Nondetected compounds are not qualified.
	E1808, E1814
	000103-65-1 E1814
	000135-01-3 E1814
	000611-14-3 E1814
	000767-58-8 E1814
	017057-82-8 E1808
TIC	**VOA_LOW_MED**
VTIC2	A library search indicates a match below 85% for a TIC compound in the volatile sample Detected compounds are qualified J. Nondetected compounds are not qualified.
	Unknown-01 E1807, E1825DL

National Functional Guidelines Report # 9

8:53 Wed, Aug 8, 2007

Lab A4 (A4 Scientific) **SDG** E1800 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43683 **SOW** SOM01.1

Tentatively identified Compounds

VOA_Low_Med Sample=E1807 Location=B-MW-010S Matrix=Water Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
Unknown-01	Unknown-01	3.16	7.3	ug/L	J

National Functional Guidelines Report # 9

8:53 Wed, Aug 8, 2007

Lab A4 (A4 Scientific) **SDG** E1800 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43683 **SOW** SOM01.1

Tentatively identified Compounds

VOA_Low_Med Sample=E1808 Location=B-MW-011S Matrix=Water Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
017057-82-8	1H-Indene, 2,3-dihydro-1,2-...	14.42	5.8	ug/L	JN

National Functional Guidelines Report # 9

Lab A4 (A4 Scientific) **SDG** E1800 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43683 **SOW** SOM01.1

Tentatively identified Compounds

VOA_Low_Med Sample=E1814 Location=B-MW-026S Matrix=Water Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
000103-65-1	Benzene, propyl-	12.38	14	ug/L	JN
000611-14-3	Benzene, 1-ethyl-2-methyl-	12.78	9.5		JN
000135-01-3	Benzene, 1,2-diethyl-	13.54	8.6		JN
000767-58-8	Indan, 1-methyl-	14.06	17		JN

National Functional Guidelines Report # 9

Lab A4 (A4 Scientific) **SDG** E1800 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43683 **SOW** SOM01.1

Tentatively identified Compounds

VOA_Low_Med Sample=E1825DL Location=No_TR_data Matrix=Water Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
Unknown-01	Unknown-01	7.93	1800	ug/L	JD

Analytical Results (Qualified Data)

Case #: 36627 SDG : E1800
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Number of Soil Samples : 0
Number of Water Samples : 16
Number of Sediment Samples : 0

Sample Number :	E1800		E1800MS		E1800MSD		E1801		E1802	
Sampling Location :	G-MW-6S		G-MW-6S		G-MW-6S		G-MW-5D		G-MW-5M	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/16/2007						7/16/2007		7/16/2007	
Time Sampled :										
%Moisture :	N/A		0		0		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Vinyl chloride	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromomethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chloroethane	5.0	UJ	5.0	UJ	5.0	UJ	5.0	UJ	5.0	UJ
Trichlorofluoromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethene	5.0	U	52	J	53	J	5.0	U	5.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	UJ	5.0	UJ	5.0	U	5.0	U
Acetone	10	U	10	UJ	10	UJ	10	U	10	U
Carbon Disulfide	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methyl acetate	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methylene chloride	5.0	U	15		14		5.0	U	5.0	UJ
trans-1,2-Dichloroethene	5.0	U	5.0	U	5.0	U	4.7	J	1.8	J
Methyl tert-butyl ether	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethane	5.0	U	5.0	UJ	5.0	UJ	13		8.6	
cis-1,2-Dichloroethene	5.0	U	5.0	U	5.0	U	47		21	
2-Butanone	10	U	10	U	10	U	10	U	10	U
Bromochloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chloroform	5.0	U	2.0	J	2.0	J	5.0	U	5.0	U
1,1,1-Trichloroethane	15		20		19		180		260	
Cyclohexane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Carbon tetrachloride	5.0	UJ	5.0	UJ	5.0	UJ	5.0	UJ	5.0	UJ
Benzene	5.0	U	56		58		5.0	U	5.0	U
1,2-Dichloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,4-Dioxane	100	R	100	R	100	R	100	R	100	R
Trichloroethene	75		160	J	160	J	50		240	
Methylcyclohexane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichloropropane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromodichloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
cis-1,3-Dichloropropene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
4-Methyl-2-pentanone	10	U	10	U	10	U	10	U	10	U
Toluene	5.0	U	56		58		5.0	U	5.0	U
trans-1,3-Dichloropropene	5.0	U	5.0	UJ	5.0	UJ	5.0	U	5.0	U

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Analytical Results (Qualified Data)

Case #: 36627 SDG : E1800
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1800		E1800MS		E1800MSD		E1801		E1802	
Sampling Location :	G-MW-6S		G-MW-6S		G-MW-6S		G-MW-5D		G-MW-5M	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/16/2007						7/16/2007		7/16/2007	
Time Sampled :										
%Moisture :	N/A		0		0		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Tetrachloroethene	5.0	U	5.0	U	5.0	U	5.0	U	3.4	J
2-Hexanone	10	U	10	UJ	10	UJ	10	U	10	U
Dibromochloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dibromoethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chlorobenzene	5.0	U	56		56		5.0	U	5.0	U
Ethylbenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
o-Xylene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
m,p-Xylene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Styrene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromoform	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Isopropylbenzene	5.0	U	5.0	UJ	5.0	UJ	5.0	U	5.0	U
1,1,2,2-Tetrachloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,3-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,4-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dibromo-3-chloropropane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2,4-Trichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2,3-Trichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U

Analytical Results (Qualified Data)

Case #: 36627 SDG : E1800
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1802DL		E1803		E1804		E1804DL		E1805	
Sampling Location :	G-MW-5M		G-MW-5S		G-MW-D10		G-MW-D10		B-MW-007S	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :			7/16/2007		7/16/2007				7/17/2007	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	2.0		1.0		1.0		2.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	10	U	5.0	U	5.0	U	10	U	5.0	U
Chloromethane	10	U	5.0	U	5.0	U	10	U	5.0	U
Vinyl chloride	10	U	5.0	U	5.0	U	10	U	5.0	U
Bromomethane	10	U	5.0	U	5.0	U	10	U	5.0	U
Chloroethane	10	UJ	5.0	U	5.0	UJ	10	UJ	5.0	U
Trichlorofluoromethane	10	U	5.0	U	5.0	U	10	U	5.0	U
1,1-Dichloroethene	10	U	5.0	U	5.0	U	10	U	5.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	5.0	U	5.0	U	10	U	5.0	U
Acetone	20	U	10	U	10	U	20	U	10	U
Carbon Disulfide	10	U	5.0	U	5.0	U	10	U	5.0	U
Methyl acetate	10	U	5.0	U	5.0	U	10	U	5.0	U
Methylene chloride	10	U	5.0	U	5.0	UJ	10	U	11	
trans-1,2-Dichloroethene	10	U	5.0	U	6.0		4.9	J	5.0	U
Methyl tert-butyl ether	10	U	5.0	U	5.0	U	10	U	5.0	U
1,1-Dichloroethane	10		5.0	U	16		15		5.0	U
cis-1,2-Dichloroethene	25		5.0	U	58		54		1.5	J
2-Butanone	20	U	10	U	10	U	20	U	10	U
Bromochloromethane	10	U	5.0	U	5.0	U	10	U	5.0	U
Chloroform	10	U	5.0	U	5.0	U	10	U	5.0	U
1,1,1-Trichloroethane	290		6.4		230		190		4.1	J
Cyclohexane	10	U	5.0	U	5.0	U	10	U	5.0	U
Carbon tetrachloride	10	UJ	5.0	U	5.0	UJ	10	UJ	5.0	U
Benzene	10	U	5.0	UJ	5.0	U	10	U	5.0	UJ
1,2-Dichloroethane	10	U	5.0	U	5.0	U	10	U	5.0	U
1,4-Dioxane	200	R	100	R	100	R	200	R	100	R
Trichloroethene	280		7.4		65		59		14	
Methylcyclohexane	10	U	5.0	U	5.0	U	10	U	5.0	U
1,2-Dichloropropane	10	U	5.0	UJ	5.0	U	10	U	5.0	UJ
Bromodichloromethane	10	U	5.0	U	5.0	U	10	U	5.0	U
cis-1,3-Dichloropropene	10	U	5.0	U	5.0	U	10	U	5.0	U
4-Methyl-2-pentanone	20	U	10	U	10	U	20	U	10	U
Toluene	10	U	5.0	U	5.0	U	10	U	5.0	U
trans-1,3-Dichloropropene	10	U	5.0	U	5.0	U	10	U	5.0	U

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Analytical Results (Qualified Data)

Case #: 36627
SDG : E1800
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1802DL		E1803		E1804		E1804DL		E1805	
Sampling Location :	G-MW-5M		G-MW-5S		G-MW-D10		G-MW-D10		B-MW-007S	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :			7/16/2007		7/16/2007				7/17/2007	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	2.0		1.0		1.0		2.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	10	U	5.0	U	5.0	U	10	U	5.0	U
Tetrachloroethene	3.9	J	4.4	J	5.0	U	10	U	3.6	J
2-Hexanone	20	U	10	U	10	U	20	U	10	U
Dibromochloromethane	10	U	5.0	U	5.0	U	10	U	5.0	U
1,2-Dibromoethane	10	U	5.0	U	5.0	U	10	U	5.0	U
Chlorobenzene	10	U	5.0	U	5.0	U	10	U	5.0	U
Ethylbenzene	10	U	5.0	U	5.0	U	10	U	5.0	U
o-Xylene	10	U	5.0	U	5.0	U	10	U	5.0	U
m,p-Xylene	10	U	5.0	U	5.0	U	10	U	5.0	U
Styrene	10	U	5.0	U	5.0	U	10	U	5.0	U
Bromoform	10	U	5.0	U	5.0	U	10	U	5.0	U
Isopropylbenzene	10	U	5.0	U	5.0	U	10	U	5.0	U
1,1,2,2-Tetrachloroethane	10	U	5.0	U	5.0	U	10	U	5.0	U
1,3-Dichlorobenzene	10	U	5.0	U	5.0	U	10	U	5.0	U
1,4-Dichlorobenzene	10	U	5.0	U	5.0	U	10	U	5.0	U
1,2-Dichlorobenzene	10	U	5.0	U	5.0	U	10	U	5.0	U
1,2-Dibromo-3-chloropropane	10	U	5.0	U	5.0	U	10	U	5.0	U
1,2,4-Trichlorobenzene	10	U	5.0	U	5.0	U	10	U	5.0	U
1,2,3-Trichlorobenzene	10	U	5.0	U	5.0	U	10	U	5.0	U

Analytical Results (Qualified Data)

Case #: 36627 SDG : E1800
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1806		E1806DL		E1807		E1807DL		E1808	
Sampling Location :	B-MW-008S		B-MW-008S		B-MW-010S		B-MW-010S		B-MW-011S	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/17/2007				7/17/2007				7/17/2007	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	1.0		5.0		1.0		100.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	5.0	U	25	U	5.0	U	500	U	5.0	U
Chloromethane	5.0	U	25	U	5.0	U	500	U	5.0	U
Vinyl chloride	5.0	U	25	U	5.0	U	500	U	5.0	U
Bromomethane	5.0	U	25	U	5.0	U	500	U	5.0	U
Chloroethane	5.0	U	25	UJ	5.0	UJ	500	U	5.0	UJ
Trichlorofluoromethane	5.0	U	25	U	5.0	U	500	U	5.0	U
1,1-Dichloroethene	5.0	U	25	U	480	J	500	U	5.0	UJ
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	25	U	5.0	UJ	500	U	5.0	UJ
Acetone	10	U	50	U	10	UJ	1000	U	10	UJ
Carbon Disulfide	5.0	U	25	U	5.0	U	500	U	5.0	U
Methyl acetate	5.0	U	25	U	5.0	U	500	U	5.0	U
Methylene chloride	5.0	UJ	25	U	5.0	UJ	500	U	5.0	U
trans-1,2-Dichloroethene	5.0	U	25	U	17	J	500	U	1.4	J
Methyl tert-butyl ether	5.0	U	25	U	5.0	U	500	U	5.0	U
1,1-Dichloroethane	45		60		74	J	500	U	1.1	J
cis-1,2-Dichloroethene	76		100		660	J	580		37	
2-Butanone	10	U	50	U	10	U	1000	U	10	U
Bromochloromethane	5.0	U	25	U	5.0	U	500	U	5.0	U
Chloroform	5.0	U	25	U	5.0	U	500	U	5.0	U
1,1,1-Trichloroethane	5.9		7.1	J	2000		1400		2.6	J
Cyclohexane	5.0	U	25	U	5.0	U	500	U	5.0	U
Carbon tetrachloride	5.0	U	25	UJ	5.0	UJ	500	U	5.0	UJ
Benzene	5.0	U	25	U	5.0	U	500	UJ	5.0	U
1,2-Dichloroethane	5.0	U	25	U	5.0	U	500	U	5.0	U
1,4-Dioxane	100	R	500	R	100	R	10000	R	100	R
Trichloroethene	160		200		7100		19000		170	
Methylcyclohexane	5.0	U	25	U	5.0	U	500	U	5.0	U
1,2-Dichloropropane	5.0	U	25	U	5.0	U	500	UJ	5.0	U
Bromodichloromethane	5.0	U	25	U	5.0	U	500	U	5.0	U
cis-1,3-Dichloropropene	5.0	U	25	U	5.0	U	500	U	5.0	U
4-Methyl-2-pentanone	10	U	50	U	10	U	1000	U	10	U
Toluene	5.0	U	25	U	5.0	U	500	U	5.0	U
trans-1,3-Dichloropropene	5.0	U	25	U	5.0	UJ	500	U	5.0	UJ

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Analytical Results (Qualified Data)

Case #: 36627 SDG : E1800
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1806		E1806DL		E1807		E1807DL		E1808	
Sampling Location :	B-MW-008S		B-MW-008S		B-MW-010S		B-MW-010S		B-MW-011S	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/17/2007				7/17/2007				7/17/2007	
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	1.0		5.0		1.0		100.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U	25	U	5.5		500	U	5.0	U
Tetrachloroethene	420		560		2.2	J	500	U	0.97	J
2-Hexanone	10	U	50	U	10	UJ	1000	U	10	UJ
Dibromochloromethane	5.0	U	25	U	5.0	U	500	U	5.0	U
1,2-Dibromoethane	5.0	U	25	U	5.0	U	500	U	5.0	U
Chlorobenzene	5.0	U	25	U	5.0	U	500	U	5.0	U
Ethylbenzene	5.0	U	25	U	5.0	U	500	U	5.0	U
o-Xylene	5.0	U	25	U	5.0	U	500	U	5.0	U
m,p-Xylene	5.0	U	25	U	5.0	U	500	U	5.0	U
Styrene	5.0	U	25	U	5.0	U	500	U	5.0	U
Bromoform	5.0	U	25	U	5.0	U	500	U	5.0	U
Isopropylbenzene	5.0	U	25	U	5.0	UJ	500	U	5.0	UJ
1,1,2,2-Tetrachloroethane	5.0	U	25	U	5.0	U	500	U	5.0	U
1,3-Dichlorobenzene	5.0	U	25	U	5.0	U	500	U	5.0	U
1,4-Dichlorobenzene	5.0	U	25	U	5.0	U	500	U	5.0	U
1,2-Dichlorobenzene	5.0	U	25	U	5.0	U	500	U	5.0	U
1,2-Dibromo-3-chloropropane	5.0	U	25	U	5.0	U	500	U	5.0	U
1,2,4-Trichlorobenzene	5.0	U	25	U	5.0	U	500	U	5.0	U
1,2,3-Trichlorobenzene	5.0	U	25	U	5.0	U	500	U	5.0	U

Analytical Results (Qualified Data)

Case #: 36627 SDG : E1800
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1812		E1813		E1814		E1825		E1825DL	
Sampling Location :	B-MW-024S		B-MW-025S		B-MW-026S		B-MW-038S		B-MW-038S	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/19/2007		7/19/2007		7/19/2007		7/18/2007			
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	1.0		1.0		1.0		1.0		50.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	5.0	U	5.0	U	5.0	U	5.0	U	250	U
Chloromethane	5.0	U	5.0	U	5.0	U	5.0	U	250	U
Vinyl chloride	5.0	U	5.0	U	5.0	U	1.7	J	250	U
Bromomethane	5.0	U	5.0	U	5.0	U	5.0	U	250	U
Chloroethane	5.0	UJ	5.0	UJ	5.0	UJ	5.0	UJ	250	U
Trichlorofluoromethane	5.0	U	5.0	U	5.0	U	5.0	U	250	U
1,1-Dichloroethene	5.0	UJ	5.0	UJ	5.0	UJ	27	J	250	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UJ	5.0	UJ	5.0	UJ	5.0	UJ	250	U
Acetone	10	UJ	10	UJ	10	UJ	5.0	J	500	U
Carbon Disulfide	5.0	U	5.0	U	5.0	U	5.0	U	250	U
Methyl acetate	5.0	U	5.0	U	5.0	U	5.0	U	250	U
Methylene chloride	17		13		11		5.0	U	510	
trans-1,2-Dichloroethene	5.0	U	5.0	U	5.0	U	20		250	U
Methyl tert-butyl ether	5.0	U	5.0	U	5.0	U	5.0	U	250	U
1,1-Dichloroethane	5.0	UJ	5.0	UJ	5.0	UJ	37	J	250	U
cis-1,2-Dichloroethene	5.0	U	5.0	U	5.0	U	1100		1000	
2-Butanone	10	U	10	U	10	U	10	U	500	U
Bromochloromethane	5.0	U	5.0	U	5.0	U	5.0	U	250	U
Chloroform	2.1	J	6.5		1.1	J	1.4	J	250	U
1,1,1-Trichloroethane	2.7	J	5.0	U	5.0	U	38		250	U
Cyclohexane	5.0	U	5.0	U	5.0	U	5.0	U	250	U
Carbon tetrachloride	5.0	UJ	5.0	UJ	5.0	UJ	5.6	J	250	U
Benzene	5.0	U	5.0	U	5.0	U	5.0	U	250	UJ
1,2-Dichloroethane	5.0	U	5.0	U	5.0	U	5.0	U	250	U
1,4-Dioxane	100	R	100	R	100	R	100	R	5000	R
Trichloroethene	61		9.7		5.0	U	4500		5600	
Methylcyclohexane	5.0	U	5.0	U	5.0	U	5.0	U	250	U
1,2-Dichloropropane	5.0	U	5.0	U	5.0	U	5.0	U	250	UJ
Bromodichloromethane	5.0	U	5.0	U	5.0	U	5.0	U	250	U
cis-1,3-Dichloropropene	5.0	U	5.0	U	5.0	U	5.0	U	250	U
4-Methyl-2-pentanone	10	U	10	U	10	U	10	U	500	U
Toluene	5.0	U	5.0	U	5.0	U	5.0	U	250	U
trans-1,3-Dichloropropene	5.0	UJ	5.0	UJ	5.0	UJ	5.0	UJ	250	U

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Analytical Results (Qualified Data)

Case #: 36627 SDG : E1800
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1812		E1813		E1814		E1825		E1825DL	
Sampling Location :	B-MW-024S		B-MW-025S		B-MW-026S		B-MW-038S		B-MW-038S	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/19/2007		7/19/2007		7/19/2007		7/18/2007			
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	1.0		1.0		1.0		1.0		50.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U	5.0	U	5.0	U	1.3	J	250	U
Tetrachloroethene	5.0	U	1.5	J	5.0	U	1.3	J	250	U
2-Hexanone	10	UJ	10	UJ	10	UJ	10	UJ	500	U
Dibromochloromethane	5.0	U	5.0	U	5.0	U	5.0	U	250	U
1,2-Dibromoethane	5.0	U	5.0	U	5.0	U	5.0	U	250	U
Chlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	250	U
Ethylbenzene	5.0	U	5.0	U	5.0	U	5.0	U	250	U
o-Xylene	5.0	U	5.0	U	5.0	U	5.0	U	250	U
m,p-Xylene	5.0	U	5.0	U	5.0	U	5.0	U	250	U
Styrene	5.0	U	5.0	U	5.0	U	5.0	U	250	U
Bromoform	5.0	U	5.0	U	5.0	U	5.0	U	250	U
Isopropylbenzene	5.0	UJ	5.0	UJ	1.5	J	5.0	UJ	250	U
1,1,2,2-Tetrachloroethane	5.0	U	5.0	U	5.0	U	5.0	U	250	U
1,3-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	250	U
1,4-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	250	U
1,2-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	250	U
1,2-Dibromo-3-chloropropane	5.0	U	5.0	U	5.0	U	5.0	U	250	U
1,2,4-Trichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	250	U
1,2,3-Trichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	250	U

Analytical Results (Qualified Data)

Case #: 36627 SDG : E1800
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1841		E1875		E1875DL		E1876		E1876DL	
Sampling Location :	TRIP BLANK-2		SIMCLAR-1S		SIMCLAR-1S		Eastway		Eastway	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/13/2007		7/18/2007				7/18/2007			
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	1.0		1.0		5.0		1.0		10.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	5.0	U	5.0	U	25	U	5.0	U	50	U
Chloromethane	5.0	U	5.0	U	25	U	5.0	U	50	U
Vinyl chloride	5.0	U	5.0	U	25	U	5.0	U	50	U
Bromomethane	5.0	U	5.0	U	25	U	5.0	U	50	U
Chloroethane	5.0	UJ	5.0	UJ	25	U	5.0	UJ	50	UJ
Trichlorofluoromethane	5.0	U	5.0	U	25	U	5.0	U	50	U
1,1-Dichloroethene	5.0	UJ	43	J	25	U	5.0	U	50	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	UJ	5.0	UJ	25	U	5.0	U	50	U
Acetone	10	UJ	3.7	J	50	U	10	U	100	U
Carbon Disulfide	5.0	U	5.0	U	25	U	5.0	U	50	U
Methyl acetate	5.0	U	5.0	U	25	U	5.0	U	50	U
Methylene chloride	11		5.0	U	51		5.0	UJ	50	UJ
trans-1,2-Dichloroethene	5.0	U	5.0	U	25	U	49		36	J
Methyl tert-butyl ether	5.0	U	5.0	U	25	U	5.0	U	50	U
1,1-Dichloroethane	5.0	UJ	56	J	75		6.6		50	U
cis-1,2-Dichloroethene	5.0	U	12		15	J	230		170	
2-Butanone	10	U	10	U	50	U	10	U	100	U
Bromochloromethane	5.0	U	5.0	U	25	U	5.0	U	50	U
Chloroform	5.0	U	5.0	U	25	U	5.0	U	50	U
1,1,1-Trichloroethane	5.0	U	610		710		5.0	U	50	U
Cyclohexane	5.0	U	5.0	U	25	U	5.0	U	50	U
Carbon tetrachloride	5.0	UJ	5.0	UJ	25	U	5.0	UJ	50	UJ
Benzene	5.0	U	5.0	U	25	UJ	5.0	U	50	U
1,2-Dichloroethane	5.0	U	5.0	U	25	U	5.0	U	50	U
1,4-Dioxane	100	R	100	R	500	R	100	R	1000	R
Trichloroethene	1.6	J	400		520		830		600	
Methylcyclohexane	5.0	U	5.0	U	25	U	5.0	U	50	U
1,2-Dichloropropane	5.0	U	5.0	U	25	UJ	5.0	U	50	U
Bromodichloromethane	5.0	U	5.0	U	25	U	5.0	U	50	U
cis-1,3-Dichloropropene	5.0	U	5.0	U	25	U	5.0	U	50	U
4-Methyl-2-pentanone	10	U	10	U	50	U	10	U	100	U
Toluene	5.0	U	5.0	U	25	U	5.0	U	50	U
trans-1,3-Dichloropropene	5.0	UJ	5.0	UJ	25	U	5.0	U	50	U

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Analytical Results (Qualified Data)

Case #: 36627 SDG : E1800
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1841		E1875		E1875DL		E1876		E1876DL	
Sampling Location :	TRIP BLANK-2		SIMCLAR-1S		SIMCLAR-1S		Eastway		Eastway	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/13/2007		7/18/2007				7/18/2007			
Time Sampled :										
%Moisture :	N/A		N/A		N/A		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	1.0		1.0		5.0		1.0		10.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U	5.0	U	25	U	5.0	U	50	U
Tetrachloroethene	5.0	U	18		22	J	120		77	
2-Hexanone	10	UJ	10	UJ	50	U	10	U	100	U
Dibromochloromethane	5.0	U	5.0	U	25	U	5.0	U	50	U
1,2-Dibromoethane	5.0	U	5.0	U	25	U	5.0	U	50	U
Chlorobenzene	5.0	U	5.0	U	25	U	5.0	U	50	U
Ethylbenzene	5.0	U	5.0	U	25	U	5.0	U	50	U
o-Xylene	5.0	U	5.0	U	25	U	5.0	U	50	U
m,p-Xylene	5.0	U	5.0	U	25	U	5.0	U	50	U
Styrene	5.0	U	5.0	U	25	U	5.0	U	50	U
Bromoform	5.0	U	5.0	U	25	U	5.0	U	50	U
Isopropylbenzene	5.0	UJ	5.0	UJ	25	U	5.0	U	50	U
1,1,2,2-Tetrachloroethane	5.0	U	5.0	U	25	U	5.0	U	50	U
1,3-Dichlorobenzene	5.0	U	5.0	U	25	U	5.0	U	50	U
1,4-Dichlorobenzene	5.0	U	5.0	U	25	U	5.0	U	50	U
1,2-Dichlorobenzene	5.0	U	5.0	U	25	U	5.0	U	50	U
1,2-Dibromo-3-chloropropane	5.0	U	5.0	U	25	U	5.0	U	50	U
1,2,4-Trichlorobenzene	5.0	U	5.0	U	25	U	5.0	U	50	U
1,2,3-Trichlorobenzene	5.0	U	5.0	U	25	U	5.0	U	50	U

Analytical Results (Qualified Data)

Case #: 36627 SDG : E1800
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	VBLK32		VBLK34		VBLK35		VBLK45		VBLKGF	
Sampling Location :										
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :										
Time Sampled :										
%Moisture :	0		0		0		0		0	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Vinyl chloride	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromomethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chloroethane	5.0	UJ	5.0	UJ	5.0	U	5.0	U	5.0	U
Trichlorofluoromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethene	5.0	U	5.0	UJ	5.0	U	5.0	U	5.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	UJ	5.0	U	5.0	U	5.0	U
Acetone	10	U	10	UJ	10	U	10	U	10	U
Carbon Disulfide	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methyl acetate	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methylene chloride	2.0	J	2.6	J	1.5	J	1.4	J	5.0	U
trans-1,2-Dichloroethene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methyl tert-butyl ether	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethane	5.0	U	5.0	UJ	5.0	U	5.0	U	5.0	U
cis-1,2-Dichloroethene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2-Butanone	10	U	10	U	10	U	10	U	10	U
Bromochloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chloroform	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1,1-Trichloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Cyclohexane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Carbon tetrachloride	5.0	UJ	5.0	UJ	5.0	U	5.0	U	5.0	U
Benzene	5.0	U	5.0	U	5.0	UJ	5.0	U	5.0	U
1,2-Dichloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,4-Dioxane	100	R	100	R	100	R	100	R	100	R
Trichloroethene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methylcyclohexane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichloropropane	5.0	U	5.0	U	5.0	UJ	5.0	U	5.0	U
Bromodichloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
cis-1,3-Dichloropropene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
4-Methyl-2-pentanone	10	U	10	U	10	U	10	U	10	U
Toluene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
trans-1,3-Dichloropropene	5.0	U	5.0	UJ	5.0	U	5.0	U	5.0	U

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Analytical Results (Qualified Data)

Case #: 36627
SDG : E1800
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	VBLK32		VBLK34		VBLK35		VBLK45		VBLKGF	
Sampling Location :										
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :										
Time Sampled :										
%Moisture :	0		0		0		0		0	
pH :										
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Tetrachloroethene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2-Hexanone	10	U	10	UJ	10	U	10	U	10	U
Dibromochloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dibromoethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Ethylbenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
o-Xylene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
m,p-Xylene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Styrene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromoform	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Isopropylbenzene	5.0	U	5.0	UJ	5.0	U	5.0	U	5.0	U
1,1,2,2-Tetrachloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,3-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,4-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dibromo-3-chloropropane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2,4-Trichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2,3-Trichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U

Analytical Results (Qualified Data)

Case #: 36627 SDG : E1800
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	VHBLK01									
Sampling Location :										
Matrix :	Water									
Units :	ug/L									
Date Sampled :										
Time Sampled :										
%Moisture :	N/A									
pH :	2									
Dilution Factor :	1.0									
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluoromethane	5.0	U								
Chloromethane	5.0	U								
Vinyl chloride	5.0	U								
Bromomethane	5.0	U								
Chloroethane	5.0	U								
Trichlorofluoromethane	5.0	U								
1,1-Dichloroethene	5.0	U								
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U								
Acetone	10	U								
Carbon Disulfide	5.0	U								
Methyl acetate	5.0	U								
Methylene chloride	1.5	J								
trans-1,2-Dichloroethene	5.0	U								
Methyl tert-butyl ether	5.0	U								
1,1-Dichloroethane	5.0	U								
cis-1,2-Dichloroethene	5.0	U								
2-Butanone	10	U								
Bromochloromethane	5.0	U								
Chloroform	5.0	U								
1,1,1-Trichloroethane	5.0	U								
Cyclohexane	5.0	U								
Carbon tetrachloride	5.0	U								
Benzene	5.0	U								
1,2-Dichloroethane	5.0	U								
1,4-Dioxane	100	R								
Trichloroethene	5.0	U								
Methylcyclohexane	5.0	U								
1,2-Dichloropropane	5.0	U								
Bromodichloromethane	5.0	U								
cis-1,3-Dichloropropene	5.0	U								
4-Methyl-2-pentanone	10	U								
Toluene	5.0	U								
trans-1,3-Dichloropropene	5.0	U								

DISCLAIMER: This package has been electronically assessed as an added service to our customer. It has not been either validated or approved by Region 5 and any subsequent use by the data user is strictly at the risk of the data user. Region 5 assumes no responsibility for use of unvalidated data.

Analytical Results (Qualified Data)

Case #: 36627 SDG : E1800
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	VHBLK01									
Sampling Location :										
Matrix :	Water									
Units :	ug/L									
Date Sampled :										
Time Sampled :										
%Moisture :	N/A									
pH :	2									
Dilution Factor :	1.0									
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U								
Tetrachloroethene	5.0	U								
2-Hexanone	10	U								
Dibromochloromethane	5.0	U								
1,2-Dibromoethane	5.0	U								
Chlorobenzene	5.0	U								
Ethylbenzene	5.0	U								
o-Xylene	5.0	U								
m,p-Xylene	5.0	U								
Styrene	5.0	U								
Bromoform	5.0	U								
Isopropylbenzene	5.0	U								
1,1,2,2-Tetrachloroethane	5.0	U								
1,3-Dichlorobenzene	5.0	U								
1,4-Dichlorobenzene	5.0	U								
1,2-Dichlorobenzene	5.0	U								
1,2-Dibromo-3-chloropropane	5.0	U								
1,2,4-Trichlorobenzene	5.0	U								
1,2,3-Trichlorobenzene	5.0	U								

Regional Transmittal Form

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE:

SUBJECT: Review of Data
Received for Review on 8 Aug 07

FROM: Stephen L. Ostrodka, Chief (SRT-4J)
Superfund Field Services Section

TO: Data User: OEPA

We have reviewed the data for the following case:

SITE NAME: Behr Dayton Thermal (OH)

CASE NUMBER: 366027 SDG NUMBER: E1800

Number and Type of Samples: 16 water samples

Sample Numbers: E1800-E1808; E1812-14; 25; 41; 75-76

Laboratory: AH Scientific, Inc. Hrs for Review:

Following are our findings:

CC: Howard Pham
Region 5 TPO
Mail Code: SRT-4J

USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 36627
DAS No:
SDG No: E1800

L

Date Shipped:	7/18/2007
Carrier Name:	FedEx
Airbill:	848838425614
Shipped to:	A4 Scientific, Inc. 1544 Sawdust Road Suite 505 The Woodlands TX 77380 (281) 292-5277

Chain of Custody Record

Relinquished By	(Date / Time)	Received By	(Date / Time)
1 [signature]	7/18/07 1820	[signature]	
2			
3			
4		J. Schulze	7/19/07 858

Sampler Signature:

For Lab Use Only 23 7/19/07

Lab Contract No:	EPW0~~605~~ 5037
Unit Price:	Ø
Transfer To:	
Lab Contract No:	
Unit Price:	23 7/19/07

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
E1800	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220889 (HCL), 5220890 (HCL), 5220891 (HCL), 5220892 (HCL), 5220893 (HCL), 5220894 (HCL), 5220895 (HCL), 5220896 (HCL), 5220897 (HCL) (9)	G-MW-6S	S: 7/16/2007	16:45	1st 3rd 5P 0008445-01	Intact
E1801	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220898 (HCL), 5220899 (HCL), 5220900 (HCL) (3)	G-MW-5D	S: 7/16/2007	15:25		-02
E1802	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220901 (HCL), 5220902 (HCL), 5220903 (HCL) (3)	G-MW-5M	S: 7/16/2007	12:40		-03
E1803	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220904 (HCL), 5220905 (HCL), 5220906 (HCL) (3)	G-MW-5S	S: 7/16/2007	11:10		-04
E1804	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220907 (HCL), 5220908 (HCL), 5220909 (HCL) (3)	G-MW-D10	S: 7/16/2007	15:30		-05
E1805	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220910 (HCL), 5220911 (HCL), 5220912 (HCL) (3)	B-MW-007S	S: 7/17/2007	16:35		-06
E1806	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220913 (HCL), 5220914 (HCL), 5220915 (HCL) (3)	B-MW-008S	S: 7/17/2007	15:48		-07
E1807	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220916 (HCL), 5220917 (HCL), 5220918 (HCL) (3)	B-MW-010S	S: 7/17/2007	14:50		-08
E1808	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220919 (HCL), 5220920 (HCL), 5220921 (HCL) (3)	B-MW-011S	S: 7/17/2007	13:58		-09

Shipment for Case Complete?N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
	E1800, E1809, E1831	23 7/19/07	4°C	29453-54

Analysis Key: VOA = CLP TCL Volatiles

Concentration: L = Low, M = Low/Medium, H = High **Type/Designate:** Composite = C, Grab = G

Custody Seal Intact? 4 **Shipment Iced?** 4

TR Number: 5-043013577-071807-0001

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

LABORATORY COPY

F2V5.1. 047

USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 36627
DAS No:
SDG No: E1800

L

5A 8/6/07

Date Shipped:	7/18/2007
Carrier Name:	FedEx
Airbill:	848838425614
Shipped to:	A4 Scientific, Inc. 1544 Sawdust Road Suite 505 The Woodlands TX 77380 (281) 292-5277

Chain of Custody Record

	Relinquished By	(Date / Time)	Received By	(Date / Time)
1	[signature]	7/18/07 1820		
2				
3				
4			[signature]	7/19/07 858

Sampler Signature:

For Lab Use Only

Lab Contract No:	EPW05037
Unit Price:	Ø
Transfer To:	
Lab Contract No:	
Unit Price:	7/19/07

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
E1875	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5275581 (HCL), 5275582 (HCL), 5275583 (HCL) (3)	SIMCLAR-1S	S: 7/18/2007	10:30		0008445-10 Intact
E1876	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220487 (HCL), 5220488 (HCL), 5220489 (HCL) (3)	Eastway	S: 7/18/2007	14:10		-11

JS 7/19/07

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: E1800, E1809, E1831	Additional Sampler Signature(s): [signature] 7/19/07	Cooler Temperature Upon Receipt: 4°C	Chain of Custody Seal Number: 29453-54
Analysis Key: VOA = CLP TCL Volatiles	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? Y Shipment Iced? Y

TR Number: 5-043013577-071807-0001

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

LABORATORY COPY

USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 36627
DAS No:
SDG No: E1800
L

Date Shipped: 7/19/2007
Carrier Name: FedEx
Airbill: 848838425544
Shipped to: A4 Scientific, Inc.
1544 Sawdust Road
Suite 505
The Woodlands TX 77380
(281) 292-5277

Chain of Custody Record

Relinquished By	(Date / Time)	Received By	(Date / Time)
1	7/19/07 ~~1430~~ 1630		
2			
3			
4			

Sampler Signature:

For Lab Use Only
Lab Contract No: EPW05036
Unit Price: Ø
Transfer To:
Lab Contract No:
Unit Price:

7/20/07 9:00

7/20/07

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
E1812	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220931 (HCL), 5220932 (HCL), 5220933 (HCL) (3)	B-MW-024S	S: 7/19/2007	11:08	00084155-01	Intact
E1813	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220934 (HCL), 5220935 (HCL), 5220936 (HCL) (3)	B-MW-025S	S: 7/19/2007	9:08	-02	
E1814	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220937 (HCL), 5220938 (HCL), 5220939 (HCL) (3)	B-MW-026S	S: 7/19/2007	12:43	-03	
E1825	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220970 (HCL), 5220971 (HCL), 5220972 (HCL) (3)	B-MW-038S	S: 7/18/2007	18:20	-04	
E1836	Municipal Water Supply/ Victoria Sigler	L/G	SAS VOA (21) TVOA	5221003 (HCL), 5221004 (HCL), 5221005 (HCL), 5221006 (HCL), 5221007 (HCL), 5221008 (HCL), 5221009 (HCL), 5221010 (HCL), 5221011 (HCL) (9)	D-PW-14R	S: 7/18/2007	13:35		
E1837	Municipal Water Supply/ Victoria Sigler	L/G	SAS VOA (21) TVOA	5221012 (HCL), 5221013 (HCL), 5221014 (HCL) (3)	D-PW-15R	S: 7/18/2007	15:00		
E1838	Municipal Water Supply/ Victoria Sigler	L/G	SAS VOA (21) TVOA	5221015 (HCL), 5221016 (HCL), 5221017 (HCL) (3)	D-PW-15RD	S: 7/18/2007	15:15		
E1839	Field QC/ Victoria Sigler	L/G	SAS VOA (21) TVOA	5221018 (HCL), 5221019 (HCL), 5221020 (HCL) (3)	D-SAS-TB	S: 7/13/2007	12:10		
E1841	Field QC/ Victoria Sigler	L/G	VOA (21)	5221024 (HCL), 5221025 (HCL), 5221026 (HCL) (3)	TRIP BLANK-2	S: 7/13/2007	12:05		

ORIGINAL COPY
Case: 36627 SDG: E1800
Episode: 8455 Int./Date: 7/20/07

00084155-05 Intact

Shipment for Case Complete? Y	Sample(s) to be used for laboratory QC: E1836	Additional Sampler Signature(s): 7/20/07	Cooler Temperature Upon Receipt: 3°C	Chain of Custody Seal Number: 29452; 29493
Analysis Key: SAS VOA = CLP SAS-TCL Volatiles, VOA = CLP TCL Volatiles	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? Y / Shipment Iced? Y

TR Number: 5-043013577-071907-0001

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

LABORATORY COPY

PAGE: 00006

A4 SCIENTIFIC, INC.
1544 Sawdust Road, Suite505•The Woodlands, TX 77380•Phone (281) 292-5277

Contract #: EPW05036	Case #: 36627	SDG #: E1800

SDG NARRATIVE

SAMPLE RECEIPT & LOGIN

The following samples were received on the dates listed against them. The samples were logged in for analysis as listed.

EPA SAMPLE #	LAB SAMPLE #	DATE/TIME RECEIVED	AIRBILL NO.	ANALYSIS	Total # of Containers Received	MATRIX	REMARKS
E1800	0008445-01	07/19/07 08:58	848838425614	VOA	9	WATER	SDG FIRST SX-MS/MSD
E1801	0008445-02	07/19/07 08:58	848838425614	VOA	3	WATER	
E1802	0008445-03	07/19/07 08:58	848838425614	VOA	3	WATER	
E1803	0008445-04	07/19/07 08:58	848838425614	VOA	3	WATER	
E1804	0008445-05	07/19/07 08:58	848838425614	VOA	3	WATER	
E1805	0008445-06	07/19/07 08:58	848838425614	VOA	3	WATER	
E1806	0008445-07	07/19/07 08:58	848838425614	VOA	3	WATER	
E1807	0008445-08	07/19/07 08:58	848838425614	VOA	3	WATER	
E1808	0008445-09	07/19/07 08:58	848838425614	VOA	3	WATER	
E1812	0008455-01	07/20/07 11:08	848838425544	VOA	3	WATER	
E1813	0008455-02	07/20/07 11:08	848838425544	VOA	3	WATER	
E1814	0008455-03	07/20/07 11:08	848838425544	VOA	3	WATER	
E1825	0008455-04	07/20/07 11:08	848838425544	VOA	3	WATER	
E1841	0008455-05	07/20/07 11:08	848838425544	VOA	3	WATER	FIELD QC
E1875	0008445-10	07/19/07 08:58	848838425614	VOA	3	WATER	
E1876	0008445-11	07/19/07 08:58	848838425614	VOA	3	WATER	

VOA=CLP TCL Volatiles

The cooler temperatures are listed against the coolers.

DATE RECEIVED	COOLER NO.	Temp (in °C)
07/19/07	1	4
07/20/07	1	3

No discrepancies or issues were noted during sample receipt and login.

VOLATILES LOW/MEDIUM

Samples were analyzed using instrument **C-5973 and H-5975**.

Instrument C-5973 consisted of an Agilent 5973 GC/MS with a 25-meter long DB-624 (Agilent cat#128-1324) column having a 0.2mm ID and 1.12µm film thickness, an OI Analytical Purge and Trap model 4560 with an Archon auto sampler. The trap used is a K trap (Supelco Cat# 24940-U; VOCARB 3000) having 10cm of Carbopack B, 6cm of Carboxen 1000, and 1cm of Carboxen 1001.

Instrument H-5975 consisted of an Agilent 5975 GC/MS with a 25-meter long DB-624 (Agilent cat#128-1324) column having a 0.2mm ID and 1.12µm film thickness, Tekmar Purge and Trap Model LSC2000 with an Archon auto sampler. The trap used was a K trap (Supelco Cat# 21066-U; VOCARB 3000) having 10cm of Carbopack B, 6cm of Carboxen 1000, and 1cm of Carboxen 1001.

A4 SCIENTIFIC, INC.
1544 Sawdust Road, Suite505•The Woodlands, TX 77380•Phone (281) 292-5277

Contract #: EPW05036	Case #: 36627	SDG #: E1800

All VOA samples had the pH characteristics verified. The reading is listed below.

EPA SAMPLE #	LAB SAMPLE #	pH
E1800	0008445-01	≤ 2
E1801	0008445-02	≤ 2
E1802	0008445-03	≤ 2
E1803	0008445-04	≤ 2
E1804	0008445-05	≤ 2
E1805	0008445-06	≤ 2
E1806	0008445-07	≤ 2
E1807	0008445-08	≤ 2
E1808	0008445-09	≤ 2
E1812	0008455-01	≤ 2
E1813	0008455-02	≤ 2
E1814	0008455-03	≤ 2
E1825	0008455-04	≤ 2
E1841	0008455-05	≤ 2
E1875	0008445-10	≤ 2
E1876	0008445-11	≤ 2

MS/MSD was analyzed on sample E1800. Ms and MSD recoveries have failed for Trichloroethene. Lab suspects the presence of Trichloroethene in the parent sample (75 ug/L) to have caused these failures.

The following samples were run at dilution, listed against them to get all the compounds within range.

EPA SAMPLE ID	DILUTION
E1802	2
E1804	2
E1806	5
E1807	100
E1825	50
E1875	5
E1876	10

Manual integrations were performed for the following samples for the compounds listed against them.

VSTD20030 – Bromomethane
VSTD200GF – Trichlorofluoromethane
VSTD200GF – trans-1,2-Dichloroethane
VSTD200GF – 4-Methym 2-pentanone
VSTD200GF – 1,4-Dichlorobenzene
VSTD100GF – Bromomethane
VSTD100GF – Trichlorofluoromethane
VSTD100GF – trans-1,2-Dichloroethane
VSTD100GF – 1,4-Dichlorobenzene
VSTD020GF – 1,1-Dichloroethane
VSTD020GF – 1,1,2,2-tetrachloroethane
VSTD020GF – 1,3-Dichlorobenzene
VSTD020GF – 1,4-Dichlorobenzene
VSTD020GF – 1,2-Dichlorobenzene

Contract #: EPW05036	Case #: 36627	SDG #: E1800

VSTD020GF – 1,2,3-Trichlorobenzene
VSTD020GF – 1,2,4-Trcihlorobenzene
VSTD010GF – 1,3-Dichlorobenzene
VSTD005GF – Chloroethane-d5
VSTD005GF – Chloroethane
VSTD005GF – 1,4-Dichlorobenzene

These manual integrations were necessary because the software failed to accurately integrate the entire peak. In all the above instances, the quantitation reports are flagged with "m". A hard copy printout of the manual integration, the scan ranges, and initials of the analyst or manager is included in the data package.

No issues were encountered during sample analysis.

Sample E1807 was an E Flag (targets concentration above calibration range). A non-SDG sample D4457 was analyzed immediately after this high concentration sample, and has been found not to contain any carry over from the previous high concentration sample. This satisfies the requirement per L/M SOW-12.1.2.4. However to satisfy the SEDD requirement, this sample was include in the SEDD as non-SDG sample and labeled as "ZZZZZ" on the forms.

The following equations were used for calculation of the sample results from raw instrument output data:

VOLATILES

Water (Low/Med, Trace & SIM):

$$\text{Concentration } (\mu g/L) = \frac{(Ax)(Is)(Df)}{(Ais)(\overline{RRF})(Vo)}$$

A_x = Area of the characteristic ion (EICP) for the compound to be measured.
A_{is} = Area of the characteristic ion (EICP) for the internal standard.
I_s = Amount of internal standard added in nanograms (ng).

$\overline{RRF}$ = Mean relative response factor from the initial calibration.
V_o = Total volume of water purged, in milliliters (mL).
Df = Dilution factor.

I certify that this Sample Data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy Sample Data Package and in the electronic data deliverable has been authorized by the laboratory Manager or Manager's designee, as verified by the following signature.

QA Mgr

Signature and Title

08/06/07

Date of Signature

2A - FORM II VOA-1
WATER VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: _____ SDG No.: E1800

Level: (TRACE or LOW) LOW

	EPA SAMPLE NO.	VDMC1 (VCL) #	VDMC2 (CLA) #	VDMC3 (DCE) #	VDMC4 (BUT) #	VDMC5 (CLF) #	VDMC6 (DCA) #	VDMC7 (BEN) #
01	E1800	73	84	59	99	88	95	92
02	E1800MS	86	98	97	104	101	102	100
03	E1800MSD	85	95	96	98	96	93	99
04	E1801	94	106	86	120	102	107	101
05	E1802	69	82	70	111	87	98	86
06	E1802DL	87	100	79	102	98	98	100
07	E1803	74	88	62	93	95	98	95
08	E1804	98	108	90	111	103	105	102
09	E1804DL	80	92	71	109	94	101	96
10	E1805	91	103	75	107	106	110	104
11	E1806	94	118	79	106	98	101	102
12	E1806DL	91	101	74	109	99	101	100
13	E1807	88	102	307 *	93	94	90	101
14	E1807DL	75	90	64	94	96	97	100
15	E1808	84	97	71	110	97	99	99
16	E1812	99	112	80	117	109	106	104
17	E1813	92	107	77	115	108	107	105
18	E1814	97	105	74	87	94	90	100
19	E1825	99	110	89	85	96	92	102
20	E1825DL	79	93	66	95	97	98	107
21	E1841	91	103	74	111	101	99	102
22	E1875	87	100	92	117	97	99	98
23	E1875DL	88	101	78	85	101	99	105
24	E1876	95	106	77	105	102	99	102
25	E1876DL	87	100	72	86	97	95	100
26	VBLK32	96	106	77	105	102	103	102
27	VBLK34	83	95	69	99	96	95	98
28	VBLK35	89	100	74	101	101	100	104
29	VBLK45	109	109	82	93	100	93	106
30	VBLKGF	90	115	71	97	92	99	99

		QC LIMITS
VDMC1	(VCL) = Vinyl chloride-d3	(65-131)
VDMC2	(CLA) = Chloroethane-d5	(71-131)
VDMC3	(DCE) = 1,1-Dichloroethene-d2	(55-104)
VDMC4	(BUT) = 2-Butanone-d5	(49-155)
VDMC5	(CLF) = Chloroform-d	(78-121)
VDMC6	(DCA) = 1,2-Dichloroethane-d4	(78-129)
VDMC7	(BEN) = Benzene-d6	(77-124)

Column to be used to flag recovery values
* Value outside of contract required QC limits

2A - FORM II VOA-1
WATER VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: _____ SDG No.: E1800

Level: (TRACE or LOW) LOW

	EPA SAMPLE NO.	VDMC1 (VCL) #	VDMC2 (CLA) #	VDMC3 (DCE) #	VDMC4 (BUT) #	VDMC5 (CLF) #	VDMC6 (DCA) #	VDMC7 (BEN) #
01	VHBLK01	102	106	79	89	102	97	107
02	VIBLK77	79	90	63	102	92	96	94
03	VIBLK78	97	109	80	111	106	104	106
04	~~VIBLKN1~~	100	112	82	114	108	105	106
05	22222							
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		QC LIMITS
VDMC1	(VCL) = Vinyl chloride-d3	(65-131)
VDMC2	(CLA) = Chloroethane-d5	(71-131)
VDMC3	(DCE) = 1,1-Dichloroethene-d2	(55-104)
VDMC4	(BUT) = 2-Butanone-d5	(49-155)
VDMC5	(CLF) = Chloroform-d	(78-121)
VDMC6	(DCA) = 1,2-Dichloroethane-d4	(78-129)
VDMC7	(BEN) = Benzene-d6	(77-124)

Column to be used to flag recovery values
* Value outside of contract required QC limits

2B - FORM II VOA-2
WATER VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: _____ SDG No.: E1800

Level: (TRACE or LOW) LOW

	EPA SAMPLE NO.	VDMC8 (DPA) #	VDMC9 (TOL) #	VDMC10 (TDP) #	VDMC11 (HEX) #	VDMC12 (DXE) #	VDMC13 (TCA) #	VDMC14 (DCZ) #	TOT OUT
01	E1800	98	93	86	93	85	98	105	0
02	E1800MS	103	104	91	99	94	97	107	0
03	E1800MSD	102	103	90	94	89	94	108	0
04	E1801	105	104	97	115	113	110	107	0
05	E1802	96	87	95	109	106	104	105	0
06	E1802DL	105	103	93	98	90	99	108	0
07	E1803	100	98	88	92	108	98	111	0
08	E1804	104	106	94	105	101	103	108	0
09	E1804DL	101	98	95	102	100	103	106	0
10	E1805	107	108	95	97	106	105	118	0
11	E1806	95	103	102	111	123	90	108	0
12	E1806DL	105	103	87	109	100	103	111	0
13	E1807	105	104	113	92	80	88	101	1
14	E1807DL	108	103	95	92	106	103	115	0
15	E1808	104	103	97	113	96	107	109	0
16	E1812	107	110	94	108	98	103	111	0
17	E1813	109	110	99	112	94	109	115	0
18	E1814	98	102	82	86	83	88	102	0
19	E1825	106	103	98	89	90	92	104	0
20	E1825DL	113	106	85	92	103	102	117	0
21	E1841	104	108	99	117	88	108	113	0
22	E1875	103	103	102	117	94	108	108	0
23	E1875DL	108	109	92	86	101	97	114	0
24	E1876	105	105	93	104	89	99	108	0
25	E1876DL	102	104	87	90	83	92	109	0
26	VBLK32	103	105	99	92	91	99	106	0
27	VBLK34	103	102	96	92	95	95	109	0
28	VBLK35	107	109	97	97	104	104	116	0
29	VBLK45	104	110	90	89	73	92	111	0
30	VBLKGF	92	98	103	99	107	90	106	0

	QC LIMITS
VDMC8 (DPA) = 1,2-Dichloropropane-d6	(79-124)
VDMC9 (TOL) = Toluene-d8	(77-121)
VDMC10 (TDP) = trans-1,3-Dichloropropene-d4	(73-121)
VDMC11 (HEX) = 2-Hexanone-d5	(28-135)
VDMC12 (DXE) = 1,4-Dioxane-d8	(50-150)
VDMC13 (TCA) = 1,1,2,2-Tetrachloroethane-d2	(73-125)
VDMC14 (DCZ) = 1,2-Dichlorobenzene-d4	(80-131)

Column to be used to flag recovery values
* Values outside of contract required QC limits

2B - FORM II VOA-2
WATER VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: _____ SDG No.: E1800

Level: (TRACE or LOW) LOW

	EPA SAMPLE NO.	VDMC8 (DPA) #	VDMC9 (TOL) #	VDMC10 (TDP) #	VDMC11 (HEX) #	VDMC12 (DXE) #	VDMC13 (TCA) #	VDMC14 (DCZ) #	TOT OUT
31	VHBLK01	108	105	86	85	86	92	110	0
32	VIBLK77	98	97	87	102	86	99	103	0
33	VIBLK78	107	111	96	104	90	103	111	0
34	~~VIBLKN1~~ 22222	107	111	98	107	95	104	112	0
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	QC LIMITS
VDMC8 (DPA) = 1,2-Dichloropropane-d6	(79-124)
VDMC9 (TOL) = Toluene-d8	(77-121)
VDMC10 (TDP) = trans-1,3-Dichloropropene-d4	(73-121)
VDMC11 (HEX) = 2-Hexanone-d5	(28-135)
VDMC12 (DXE) = 1,4-Dioxane-d8	(50-150)
VDMC13 (TCA) = 1,1,2,2-Tetrachloroethane-d2	(73-125)
VDMC14 (DCZ) = 1,2-Dichlorobenzene-d4	(80-131)

Column to be used to flag recovery values
* Values outside of contract required QC limits

3A - FORM III VOA-1
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix Spike - EPA Sample No.: E1800 Level: (TRACE or LOW) LOW

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS %REC #	QC LIMITS REC.
1,1-Dichloroethene	50	0.0	52	104	61-145
Benzene	50	0.0	56	113	76-127
Trichloroethene	50	75	160	172 *	71-120
Toluene	50	0.0	56	112	76-125
Chlorobenzene	50	0.0	56	112	75-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD %REC #	%RPD #	QC LIMITS	
					RPD	REC.
1,1-Dichloroethene	50	53	107	2	0-14	61-145
Benzene	50	58	116	3	0-11	76-127
Trichloroethene	50	160	171 *	1	0-14	71-120
Toluene	50	58	116	3	0-13	76-125
Chlorobenzene	50	56	113	0	0-13	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: 2 out of 10 outside limits

COMMENTS:

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK32

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Lab File ID: C1140.D Lab Sample ID: 7070035-BLK1

Instrument ID: C-5973

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 07/23/2007

Level: (TRACE or LOW/MED) LOW Time Analyzed: 0827

GC Column: DB-624 ID: 0.20 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E1800	0008445-01	C1150.D	1253
02	E1801	0008445-02	C1151.D	1319
03	E1802	0008445-03	C1152.D	1345
04	E1802DL	0008445-03RE1	C1158.D	1651
05	E1804	0008445-05	C1154.D	1504
06	E1804DL	0008445-05RE1	C1159.D	1717
07	E1806DL	0008445-07RE1	C1161.D	1809
08	E1876	0008445-11	C1156.D	1559
09	E1876DL	0008445-11RE1	C1160.D	1743
10	VIBLK77	7070035-CCB1	C1155.D	1532
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COMMENTS:

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKGF

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Lab File ID: H1349.D Lab Sample ID: 7070036-BLK1

Instrument ID: H-5975

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 07/23/2007

Level: (TRACE or LOW/MED) LOW Time Analyzed: 1228

GC Column: DB-624 ID: 0.20 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E1806	0008445-07	H1358.D	1630
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COMMENTS:

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK34

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Lab File ID: C1165.D Lab Sample ID: 7070050-BLK1

Instrument ID: C-5973

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 07/24/2007

Level: (TRACE or LOW/MED) LOW Time Analyzed: 0813

GC Column: DB-624 ID: 0.20 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E1807	0008445-08	C1166.D	0839
02	E1808	0008445-09	C1168.D	1010
03	E1875	0008445-10	C1169.D	1036
04	E1812	0008455-01	C1173.D	1237
05	E1813	0008455-02	C1174.D	1303
06	E1814	0008455-03	C1175.D	1329
07	E1825	0008455-04	C1176.D	1356
08	E1841	0008455-05	C1177.D	1446
09	VIBLK78	7070050-CCB1	C1170.D	1103
10	~~VIBLKM1~~	7070050-CCB2	C1167.D	0944
11	E1800MS	7070050-MS1	C1171.D	1131
12	E1800MSD	7070050-MSD1	C1172.D	1157
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22222
5/30/07

COMMENTS:

SOM01.1 (5/2005)

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.
VBLK35

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Lab File ID: C1181.D Lab Sample ID: 7070054-BLK1

Instrument ID: C-5973

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 07/24/2007

Level: (TRACE or LOW/MED) LOW Time Analyzed: 1631

GC Column: DB-624 ID: 0.20 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E1803	0008445-04	C1182.D	1658
02	E1805	0008445-06	C1183.D	1724
03	E1807DL	0008445-08RE1	C1184.D	1750
04	E1875DL	0008445-10RE1	C1185.D	1816
05	E1825DL	0008455-04RE1	C1190.D	2027
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07				
08				
09				
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COMMENTS:

SOM01.1 (5/2005)

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK45

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Lab File ID: C1311.D Lab Sample ID: 7070071-BLK1

Instrument ID: C-5973

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 07/30/2007

Level: (TRACE or LOW/MED) LOW Time Analyzed: 1131

GC Column: DB-624 ID: 0.20 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VHBLK01	0008445-12	C1322.D	1616
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COMMENTS:

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1800

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-01

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1150.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	6.1	B
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	15	
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1800

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-01

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1150.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	75	
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1800

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-01

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1150.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1800MS

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070050-MS1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1171.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	52	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	15	B
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	2.0	J
71-55-6	1,1,1-Trichloroethane	20	
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	56	
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1800MS

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070050-MS1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1171.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	160	
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	56	
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	56	
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1800MSD

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070050-MSD1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1172.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	53	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	14	B
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	2.0	J
71-55-6	1,1,1-Trichloroethane	19	
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	58	
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1800MSD

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070050-MSD1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1172.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	160	
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	58	
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	56	
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1801

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-02

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1151.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	6.3	B
156-60-5	trans-1,2-Dichloroethene	4.7	J
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	13	
156-59-2	cis-1,2-Dichloroethene	47	
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	180	
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1801

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-02

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1151.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	50	
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1801

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-02

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1151.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1802

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-03

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1152.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	3.9	JB
156-60-5	trans-1,2-Dichloroethene	1.8	J
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	8.6	
156-59-2	cis-1,2-Dichloroethene	21	
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	260	E
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1802

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-03

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1152.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	240	E
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	3.4	J
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1802

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-03

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1152.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1802DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-03RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1158.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 2.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	20	U
75-15-0	Carbon disulfide	10	U
79-20-9	Methyl acetate	10	U
75-09-2	Methylene chloride	11	BD
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-butyl ether	10	U
75-34-3	1,1-Dichloroethane	10	D
156-59-2	cis-1,2-Dichloroethene	25	D
78-93-3	2-Butanone	20	U
74-97-5	Bromochloromethane	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	290	D
110-82-7	Cyclohexane	10	U
56-23-5	Carbon tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U
123-91-1	1,4-Dioxane	200	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1802DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-03RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1158.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 2.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	280	D
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-pentanone	20	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	3.9	JD
591-78-6	2-Hexanone	20	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
95-47-6	o-Xylene	10	U
179601-23-1	m,p-Xylene	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	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
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
87-61-6	1,2,3-Trichlorobenzene	10	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1802DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-03RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1158.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 2.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1803

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-04

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1182.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	9.7	B
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	6.4	
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1803

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-04

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1182.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	7.4	
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	4.4	J
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1803

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-04

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1182.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1804

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-05

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1154.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	4.6	JB
156-60-5	trans-1,2-Dichloroethene	6.0	
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	16	
156-59-2	cis-1,2-Dichloroethene	58	
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	230	
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1804

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-05

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1154.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	65	
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1804

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-05

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1154.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1804DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-05RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1159.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 2.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	20	U
75-15-0	Carbon disulfide	10	U
79-20-9	Methyl acetate	10	U
75-09-2	Methylene chloride	10	BD
156-60-5	trans-1,2-Dichloroethene	4.9	JD
1634-04-4	Methyl tert-butyl ether	10	U
75-34-3	1,1-Dichloroethane	15	D
156-59-2	cis-1,2-Dichloroethene	54	D
78-93-3	2-Butanone	20	U
74-97-5	Bromochloromethane	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	190	D
110-82-7	Cyclohexane	10	U
56-23-5	Carbon tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U
123-91-1	1,4-Dioxane	200	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1804DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-05RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1159.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 2.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	59	D
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-pentanone	20	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	20	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
95-47-6	o-Xylene	10	U
179601-23-1	m,p-Xylene	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	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
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
87-61-6	1,2,3-Trichlorobenzene	10	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1804DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-05RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1159.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 2.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1805

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-06

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1183.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	11	B
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	1.5	J
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	4.1	J
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1805

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-06

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1183.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	14	
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	3.6	J
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1805

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-06

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1183.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1806

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-07

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1358.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	3.3	J
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	45	
156-59-2	cis-1,2-Dichloroethene	76	
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.9	
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1806

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-07

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1358.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	160	
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	420	E
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1806

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-07

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1358.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1806DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-07RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1161.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 5.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	25	U
74-87-3	Chloromethane	25	U
75-01-4	Vinyl chloride	25	U
74-83-9	Bromomethane	25	U
75-00-3	Chloroethane	25	U
75-69-4	Trichlorofluoromethane	25	U
75-35-4	1,1-Dichloroethene	25	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	25	U
67-64-1	Acetone	50	U
75-15-0	Carbon disulfide	25	U
79-20-9	Methyl acetate	25	U
75-09-2	Methylene chloride	27	BD
156-60-5	trans-1,2-Dichloroethene	25	U
1634-04-4	Methyl tert-butyl ether	25	U
75-34-3	1,1-Dichloroethane	60	D
156-59-2	cis-1,2-Dichloroethene	100	D
78-93-3	2-Butanone	50	U
74-97-5	Bromochloromethane	25	U
67-66-3	Chloroform	25	U
71-55-6	1,1,1-Trichloroethane	7.1	JD
110-82-7	Cyclohexane	25	U
56-23-5	Carbon tetrachloride	25	U
71-43-2	Benzene	25	U
107-06-2	1,2-Dichloroethane	25	U
123-91-1	1,4-Dioxane	500	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1806DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-07RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1161.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 5.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	200	D
108-87-2	Methylcyclohexane	25	U
78-87-5	1,2-Dichloropropane	25	U
75-27-4	Bromodichloromethane	25	U
10061-01-5	cis-1,3-Dichloropropene	25	U
108-10-1	4-Methyl-2-pentanone	50	U
108-88-3	Toluene	25	U
10061-02-6	trans-1,3-Dichloropropene	25	U
79-00-5	1,1,2-Trichloroethane	25	U
127-18-4	Tetrachloroethene	560	D
591-78-6	2-Hexanone	50	U
124-48-1	Dibromochloromethane	25	U
106-93-4	1,2-Dibromoethane	25	U
108-90-7	Chlorobenzene	25	U
100-41-4	Ethylbenzene	25	U
95-47-6	o-Xylene	25	U
179601-23-1	m,p-Xylene	25	U
100-42-5	Styrene	25	U
75-25-2	Bromoform	25	U
98-82-8	Isopropylbenzene	25	U
79-34-5	1,1,2,2-Tetrachloroethane	25	U
541-73-1	1,3-Dichlorobenzene	25	U
106-46-7	1,4-Dichlorobenzene	25	U
95-50-1	1,2-Dichlorobenzene	25	U
96-12-8	1,2-Dibromo-3-chloropropane	25	U
120-82-1	1,2,4-Trichlorobenzene	25	U
87-61-6	1,2,3-Trichlorobenzene	25	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1806DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-07RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1161.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 5.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1807

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-08

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1166.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	480	E
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	4.9	JB
156-60-5	trans-1,2-Dichloroethene	17	
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	74	
156-59-2	cis-1,2-Dichloroethene	660	E
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	2000	E
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1807

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-08

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1166.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	7100	E
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.5	
127-18-4	Tetrachloroethene	2.2	J
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1807

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-08

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1166.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		UNKNOWN	3.16	7.3	J
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1807DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-08RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1184.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 100.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	500	U
74-87-3	Chloromethane	500	U
75-01-4	Vinyl chloride	500	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	500	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	500	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	500	U
67-64-1	Acetone	1000	U
75-15-0	Carbon disulfide	500	U
79-20-9	Methyl acetate	500	U
75-09-2	Methylene chloride	860	BD
156-60-5	trans-1,2-Dichloroethene	500	U
1634-04-4	Methyl tert-butyl ether	500	U
75-34-3	1,1-Dichloroethane	500	U
156-59-2	cis-1,2-Dichloroethene	580	D
78-93-3	2-Butanone	1000	U
74-97-5	Bromochloromethane	500	U
67-66-3	Chloroform	500	U
71-55-6	1,1,1-Trichloroethane	1400	D
110-82-7	Cyclohexane	500	U
56-23-5	Carbon tetrachloride	500	U
71-43-2	Benzene	500	U
107-06-2	1,2-Dichloroethane	500	U
123-91-1	1,4-Dioxane	10000	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1807DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-08RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1184.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 100.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	19000	D
108-87-2	Methylcyclohexane	500	U
78-87-5	1,2-Dichloropropane	500	U
75-27-4	Bromodichloromethane	500	U
10061-01-5	cis-1,3-Dichloropropene	500	U
108-10-1	4-Methyl-2-pentanone	1000	U
108-88-3	Toluene	500	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	500	U
591-78-6	2-Hexanone	1000	U
124-48-1	Dibromochloromethane	500	U
106-93-4	1,2-Dibromoethane	500	U
108-90-7	Chlorobenzene	500	U
100-41-4	Ethylbenzene	500	U
95-47-6	o-Xylene	500	U
179601-23-1	m,p-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
98-82-8	Isopropylbenzene	500	U
79-34-5	1,1,2,2-Tetrachloroethane	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
96-12-8	1,2-Dibromo-3-chloropropane	500	U
120-82-1	1,2,4-Trichlorobenzene	500	U
87-61-6	1,2,3-Trichlorobenzene	500	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1807DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-08RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1184.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 100.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1808

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-09

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1168.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	6.3	B
156-60-5	trans-1,2-Dichloroethene	1.4	J
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	1.1	J
156-59-2	cis-1,2-Dichloroethene	37	
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	2.6	J
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1808

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-09

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1168.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	170	
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	0.97	J
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1808

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-09

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1168.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	017057-82-8	1H-Indene, 2,3-dihydro-1,2-...	14.42	5.8	JN
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1812

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008455-01

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1173.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	17	B
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	2.1	J
71-55-6	1,1,1-Trichloroethane	2.7	J
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1812

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008455-01

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1173.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	61	
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1812

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008455-01

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1173.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1813

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008455-02

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1174.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	13	B
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	6.5	
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1813

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008455-02

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1174.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	9.7	
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	1.5	J
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1813

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 00D8455-02

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1174.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1814

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008455-03

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1175.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	11	B
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	1.1	J
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1814

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008455-03

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1175.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	1.5	J
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1814

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008455-03

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1175.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	000103-65-1	Benzene, propyl-	12.38	14	JN
02	000611-14-3	Benzene, 1-ethyl-2-methyl-	12.78	9.5	JN
03	000135-01-3	Benzene, 1,2-diethyl-	13.54	8.6	JN
04	000767-58-8	Indan, 1-methyl-	14.06	17	JN
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
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17					
18					
19					
20					
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23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1825

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008455-04

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1176.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	1.7	J
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	27	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	5.0	J
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	10	B
156-60-5	trans-1,2-Dichloroethene	20	
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	37	
156-59-2	cis-1,2-Dichloroethene	1100	E
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	1.4	J
71-55-6	1,1,1-Trichloroethane	38	
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.6	
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1825

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008455-04

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1176.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	4500	E
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	1.3	J
127-18-4	Tetrachloroethene	1.3	J
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1825

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008455-04

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1176.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1825DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008455-04RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1190.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 50.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	250	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl chloride	250	U
74-83-9	Bromomethane	250	U
75-00-3	Chloroethane	250	U
75-69-4	Trichlorofluoromethane	250	U
75-35-4	1,1-Dichloroethene	250	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon disulfide	250	U
79-20-9	Methyl acetate	250	U
75-09-2	Methylene chloride	510	BD
156-60-5	trans-1,2-Dichloroethene	250	U
1634-04-4	Methyl tert-butyl ether	250	U
75-34-3	1,1-Dichloroethane	250	U
156-59-2	cis-1,2-Dichloroethene	1000	D
78-93-3	2-Butanone	500	U
74-97-5	Bromochloromethane	250	U
67-66-3	Chloroform	250	U
71-55-6	1,1,1-Trichloroethane	250	U
110-82-7	Cyclohexane	250	U
56-23-5	Carbon tetrachloride	250	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	250	U
123-91-1	1,4-Dioxane	5000	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1825DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008455-04RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1190.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 50.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	5600	D
108-87-2	Methylcyclohexane	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	250	U
79-00-5	1,1,2-Trichloroethane	250	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
124-48-1	Dibromochloromethane	250	U
106-93-4	1,2-Dibromoethane	250	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	250	U
95-47-6	o-Xylene	250	U
179601-23-1	m,p-Xylene	250	U
100-42-5	Styrene	250	U
75-25-2	Bromoform	250	U
98-82-8	Isopropylbenzene	250	U
79-34-5	1,1,2,2-Tetrachloroethane	250	U
541-73-1	1,3-Dichlorobenzene	250	U
106-46-7	1,4-Dichlorobenzene	250	U
95-50-1	1,2-Dichlorobenzene	250	U
96-12-8	1,2-Dibromo-3-chloropropane	250	U
120-82-1	1,2,4-Trichlorobenzene	250	U
87-61-6	1,2,3-Trichlorobenzene	250	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1825DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008455-04RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1190.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 50.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		UNKNOWN	7.93	1800	JD
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
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19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1841

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008455-05

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1177.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	11	B
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1841

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008455-05

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1177.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	1.6	J
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1841

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008455-05

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1177.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

IA - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1875

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-10

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1169.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	43	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	3.7	J
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	8.4	B
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	56	
156-59-2	cis-1,2-Dichloroethene	12	
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	610	E
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1875

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-10

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1169.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	400	E
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	18	
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1875

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-10

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1169.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1875DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: D008445-10RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1185.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 5.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	25	U
74-87-3	Chloromethane	25	U
75-01-4	Vinyl chloride	25	U
74-83-9	Bromomethane	25	U
75-00-3	Chloroethane	25	U
75-69-4	Trichlorofluoromethane	25	U
75-35-4	1,1-Dichloroethene	25	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	25	U
67-64-1	Acetone	50	U
75-15-0	Carbon disulfide	25	U
79-20-9	Methyl acetate	25	U
75-09-2	Methylene chloride	51	BD
156-60-5	trans-1,2-Dichloroethene	25	U
1634-04-4	Methyl tert-butyl ether	25	U
75-34-3	1,1-Dichloroethane	75	D
156-59-2	cis-1,2-Dichloroethene	15	JD
78-93-3	2-Butanone	50	U
74-97-5	Bromochloromethane	25	U
67-66-3	Chloroform	25	U
71-55-6	1,1,1-Trichloroethane	710	D
110-82-7	Cyclohexane	25	U
56-23-5	Carbon tetrachloride	25	U
71-43-2	Benzene	25	U
107-06-2	1,2-Dichloroethane	25	U
123-91-1	1,4-Dioxane	500	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1875DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-10RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1185.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 5.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	520	D
108-87-2	Methylcyclohexane	25	U
78-87-5	1,2-Dichloropropane	25	U
75-27-4	Bromodichloromethane	25	U
10061-01-5	cis-1,3-Dichloropropene	25	U
108-10-1	4-Methyl-2-pentanone	50	U
108-88-3	Toluene	25	U
10061-02-6	trans-1,3-Dichloropropene	25	U
79-00-5	1,1,2-Trichloroethane	25	U
127-18-4	Tetrachloroethene	22	JD
591-78-6	2-Hexanone	50	U
124-48-1	Dibromochloromethane	25	U
106-93-4	1,2-Dibromoethane	25	U
108-90-7	Chlorobenzene	25	U
100-41-4	Ethylbenzene	25	U
95-47-6	o-Xylene	25	U
179601-23-1	m,p-Xylene	25	U
100-42-5	Styrene	25	U
75-25-2	Bromoform	25	U
98-82-8	Isopropylbenzene	25	U
79-34-5	1,1,2,2-Tetrachloroethane	25	U
541-73-1	1,3-Dichlorobenzene	25	U
106-46-7	1,4-Dichlorobenzene	25	U
95-50-1	1,2-Dichlorobenzene	25	U
96-12-8	1,2-Dibromo-3-chloropropane	25	U
120-82-1	1,2,4-Trichlorobenzene	25	U
87-61-6	1,2,3-Trichlorobenzene	25	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1875DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-10RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1185.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 5.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
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16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1876

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-11

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1156.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	4.9	JB
156-60-5	trans-1,2-Dichloroethene	49	
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	6.6	
156-59-2	cis-1,2-Dichloroethene	230	
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1876

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-11

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1156.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	830	E
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	120	
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1876

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-11

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1156.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1876DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-11RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1160.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 10.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	50	U
74-87-3	Chloromethane	50	U
75-01-4	Vinyl chloride	50	U
74-83-9	Bromomethane	50	U
75-00-3	Chloroethane	50	U
75-69-4	Trichlorofluoromethane	50	U
75-35-4	1,1-Dichloroethene	50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	50	U
67-64-1	Acetone	100	U
75-15-0	Carbon disulfide	50	U
79-20-9	Methyl acetate	50	U
75-09-2	Methylene chloride	47	JBD
156-60-5	trans-1,2-Dichloroethene	36	JD
1634-04-4	Methyl tert-butyl ether	50	U
75-34-3	1,1-Dichloroethane	50	U
156-59-2	cis-1,2-Dichloroethene	170	D
78-93-3	2-Butanone	100	U
74-97-5	Bromochloromethane	50	U
67-66-3	Chloroform	50	U
71-55-6	1,1,1-Trichloroethane	50	U
110-82-7	Cyclohexane	50	U
56-23-5	Carbon tetrachloride	50	U
71-43-2	Benzene	50	U
107-06-2	1,2-Dichloroethane	50	U
123-91-1	1,4-Dioxane	1000	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1876DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-11RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1160.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 10.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	600	D
108-87-2	Methylcyclohexane	50	U
78-87-5	1,2-Dichloropropane	50	U
75-27-4	Bromodichloromethane	50	U
10061-01-5	cis-1,3-Dichloropropene	50	U
108-10-1	4-Methyl-2-pentanone	100	U
108-88-3	Toluene	50	U
10061-02-6	trans-1,3-Dichloropropene	50	U
79-00-5	1,1,2-Trichloroethane	50	U
127-18-4	Tetrachloroethene	77	D
591-78-6	2-Hexanone	100	U
124-48-1	Dibromochloromethane	50	U
106-93-4	1,2-Dibromoethane	50	U
108-90-7	Chlorobenzene	50	U
100-41-4	Ethylbenzene	50	U
95-47-6	o-Xylene	50	U
179601-23-1	m,p-Xylene	50	U
100-42-5	Styrene	50	U
75-25-2	Bromoform	50	U
98-82-8	Isopropylbenzene	50	U
79-34-5	1,1,2,2-Tetrachloroethane	50	U
541-73-1	1,3-Dichlorobenzene	50	U
106-46-7	1,4-Dichlorobenzene	50	U
95-50-1	1,2-Dichlorobenzene	50	U
96-12-8	1,2-Dibromo-3-chloropropane	50	U
120-82-1	1,2,4-Trichlorobenzene	50	U
87-61-6	1,2,3-Trichlorobenzene	50	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1876DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-11RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1160.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/19/2007

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 10.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
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16					
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19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

SOM01.1 (5/2005)

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK32

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070035-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1140.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	2.0	J
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK32

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070035-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1140.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
VBLK32

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070035-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1140.D

Level: (TRACE or LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKGF

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070036-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1349.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKGF

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070036-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1349.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
VBLKGF

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070036-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1349.D

Level: (TRACE or LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/23/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK34

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070050-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1165.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	2.6	J
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK34

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070050-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1165.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
VBLK34

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070050-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1165.D

Level: (TRACE or LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK35

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070054-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1181.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	1.5	J
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK35

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070054-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1181.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
VBLK35

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070054-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1181.D

Level: (TRACE or LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
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19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK45

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070071-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1311.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/30/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	1.4	JB
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK45

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070071-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1311.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/30/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
VBLK45

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070071-BLK1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1311.D

Level: (TRACE or LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/30/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VHBLK01

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-12

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1322.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/30/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	1.5	JB
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VHBLK01

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-12

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1322.D

Level: (TRACE/LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/30/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	5.0	U
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
VHBLK01

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1800

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008445-12

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1322.D

Level: (TRACE or LOW/MED) LOW Date Received:

% Moisture: not dec. Date Analyzed: 07/30/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
ESD Central Regional Laboratory
Data Tracking Form for Contract Samples

Sample Delivery Group: E1800 CERCLIS No: OHN000510164

Case No: 36627 Site Name/Location: Behr Dayton Thermal (OH)

Contractor or EPA Lab: AH Scientific Data User: OEPA

No. of Samples: 16 Date Sampled or Date Received: 8 Aug 07

Have Chain-of-Custody records been received? Yes ✓ No ____

Have traffic reports or packing lists been received? Yes ✓ No ____

If no, are traffic report or packing list numbers written on the Chain-of-Custody Record?

Yes ____ No ____

If no, which traffic report or packing list numbers are missing?

____ ____ ____ ____

____ ____ ____ ____

Are basic data forms in? Yes ✓ No ____

No of samples claimed: ____ No. of samples received: ____

Received by: pdaurs johnson Date: 8 Aug 07

Received by LSSS: pdaurs johnson Date: 10 Aug 07

Review started: ____ Reviewer Signature: ____

Total time spent on review: ____ Date review completed: ____

Copied by: LZ ACH Date: 8/21/07

Mailed to user by: pdaurs johnson Date: 21 Aug 07

DATA USER:

Please fill in the blanks below and return this form to:

Sylvia Griffin, Data Mgmt. Coordinator, Region V, ML-10C

Data received by: ____ Date: ____

Data review received by: ____ Date: ____

Inorganic Data Complete	[ ] Suitable for Intended Purpose [ ] ✓ if OK
Organic Data Complete	[ ] Suitable for Intended Purpose [ ] ✓ if OK
Dioxin data Complete	[ ] Suitable for Intended Purpose [ ] ✓ if OK
SAS Data Complete	[ ] Suitable for Intended Purpose [ ] ✓ if OK

PROBLEMS: Please indicate reasons why data are not suitable for your uses.

____

____

Received by Data Mgmt. Coordinator for Files. Date: ____

ESAT Controlled Number: ESAT5-05-00187-pdj 8/14/07

DATE: August 14, 2007

Ohio EPA Field Office
ATTN: **Mr. Jeff Wander**
4675 Homer Ohio Lane
Groveport, OH 43125

SITE NAME: Behr Dayton Thermal (OH)

CASE	LAB	SAMPLES	SDG	MATRIX
36627	A4 Scientific	4	E1836	water

Upon receipt of data, please check each package for completeness and note any missing deliverables below.

PLEASE! Send this form back to Sylvia Griffin, Data Management Coordinator after filling in the blanks below.

Data Received by:_____ Date:_____

PROBLEMS:

Please indicate if data is complete, and note if there are any deliverables missing from the cases noted above.

_____

_____

Received by Data Management Coordinator, CRL for file.

Signature:_____ Date:_____

FROM: **U.S. EPA - Region 5**
Sylvia Griffin
Central Regional Laboratory
536 S. Clark, 10th Floor
Chicago, IL 60605

Sent By: Pat Johnson
Data Coordinator
ESAT Region 5 – **TechLaw Inc.**

Controlled Document

ESAT5.04.00108
ACH 8-14-07

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
SUPERFUND DIVISION

DATE:

SUBJECT: Electronic (Level 2) Review of Data
Received for Review on: 08/03/2007

FROM: Stephen L. Ostrodka, Chief (SRT-4J)
Superfund Field Services Section

TO: Data User: OEPA

THE FOLLOWING DATA HAS BEEN ELECTRONICALLY REVIEWED BY CADRE. NO REVIEW OF THE RAW DATA, LABORATORY NARRATIVE, LABORATORY FORMS OR CHAIN-OF-CUSTODY FORMS WAS PERFORMED.

SITE Name: Behr Dayton Thermal (OH)

Case Number: 36627 SDG Number: E1836

Number and Type of Samples: 4 Water Samples (Volatiles)

Sample Numbers: E1836 – E1839

Laboratory: A4 Scientific, Inc. Hrs for Review:

Following are our findings:

CC: Howard Pham
Region 5 TPO
Mail Code: SRT-4J

Case Number: 36627
Site Name: Behr Dayton Thermal (OH)

SDG Number: E1836
Laboratory: A4 Scientific

Below is a summary of the out-of-control audits and the possible effects on the data for this case:

Four (4) preserved water samples labeled E1836 – E1839 were shipped to A4 Scientific Lab. All samples were collected between 07/13/2007 and 07/18/2007 and received on 07/20/2007 intact and properly cooled. All samples were analyzed for the low-medium volatile target compounds. All samples were analyzed according to CLP SOW SOM01.1.

Case Number: 36627
Site Name: Behr Dayton Thermal (OH)

SDG Number: E1836
Laboratory: A4 Scientific

1. HOLDING TIME

See National Functional Guidelines Report #3.

2. GC/MS TUNING AND GC INSTRUMENT PERFORMANCE

See National Functional Guidelines Report #3.

3. CALIBRATION

See National Functional Guidelines Report #3.

4. BLANKS

See National Functional Guidelines Report #3.

5. DEUTERATED MONITORING COMPOUND AND SURROGATE RECOVERY

See National Functional Guidelines Report #3.

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

See National Functional Guidelines Report #3.

7. FIELD BLANK AND FIELD DUPLICATE

See National Functional Guidelines Report #3.

8. INTERNAL STANDARDS

See National Functional Guidelines Report #3.

9. COMPOUND IDENTIFICATION

After reviewing the mass spectra and chromatograms it appears that all volatile compounds were properly identified.

10. COMPOUND QUANTITATION AND REPORTED DETECTION LIMITS

See National Functional Guidelines Report #3.

11. SYSTEM PERFORMANCE

GC/MS baseline indicated acceptable performance.

Case Number: 36627
Site Name: Behr Dayton Thermal (OH)

SDG Number: E1836
Laboratory: A4 Scientific

12. ADDITIONAL INFORMATION

None.

Case Number: 36627
Site Name: Behr Dayton Thermal (OH)

SDG Number: E1836
Laboratory: A4 Scientific

CADRE Data Qualifier Sheet

Qualifiers	Data Qualifier Definitions
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the action limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a tentative identification.
NJ	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a tentative identification and the associated numerical value represents its approximate concentration.
R	The data are unusable. (The compound may or may not be present.)

National Functional Guidelines Report # 3

10:55 Sat, Aug 4, 2007

Lab A4 (A4 Scientific) **SDG** E1836 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43269 **SOW** SOM01.1

Data Review Results

Blanks

Blanks	**VOA_TRACE**
VTLB11	The following trace volatile samples have commoncontaminant analyte concentrations reported less than 2x the CRQL. The associated method blank has common contaminant analyte concentration is less than 2x the concentration criteria. Detected compounds are qualified U. Nondetected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.
	Methylene chloride E1836, E1837, E1839
Blanks	**VOA_TRACE**
VTLB15	The following trace volatile samples have commoncontaminant analyte concentrations reported greater than or equal to 4x the CRQL. The associated method blank has common contaminant analytes concentration is less than or equal to 2x the concentration criteria. Detected and nondetected compounds are not qualified. Professional judgement is recommended for qualification of the data.
	Methylene chloride E1836MS
Blanks	**VOA_TRACE**
VTLB42	The following trace volatile samples have commoncontaminant analyte concentrations reported greater than or equal to 2x the CRQL and less than 4x the CRQL. The associated method blank common contaminant concentration is less than 2x the concentration criteria. Detected and nondetected compounds are not qualified. Professional judgement is recommended for qualification of the data.
	Methylene chloride E1836MSD, E1838
Blanks	**VOA_TRACE**
VTLB44	The following trace volatile samples have commoncontaminant analyte concentrations reported less than 2x the CRQL. The associated storage blank has common contaminant analyte concentration is less than 2x the concentration criteria. Detected compounds are qualified U. Nondetected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.
	Methylene chloride E1836, E1837, E1839
Blanks	**VOA_TRACE**
VTLB48	The following trace volatile samples have commoncontaminant analyte concentrations reported greater than or equal to 4x the CRQL. The associated storage blank has common contaminant analytes concentration is less than or equal to 2x the concentration criteria. Detected and nondetected compounds are not qualified. Professional judgement is recommended for qualification of the data.
	Methylene chloride E1836MS
Blanks	**VOA_TRACE**
VTLB56	The following trace volatile samples have commoncontaminant analyte concentrations reported greater than or equal to 2x the CRQL and less than 4x the CRQL. The associated storage blank common contaminant concentration is less than 2x the concentration criteria. Detected and nondetected compounds are not qualified. Professional judgement is recommended for qualification of the data.
	Methylene chloride E1836MSD, E1838

National Functional Guidelines Report # 3

Lab A4 (A4 Scientific) **SDG** E1836 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43269 **SOW** SOM01.1

Data Review Results

Continuing Calibration Verification

Continuing Calibration Verification	**VOA_TRACE**
VTC14	The following trace volatile samples are associated with a CCV with relative response factors (RRF50) outside criteria. Detected compounds are qualified J. Nondetected compounds are qualified R.
	E1836, E1836MS, E1836MSD, E1837, E1838, E1839, VBLK49, VBLKGN, VBLKGO, VBLKGQ, VHBLK01
	1,4-Dioxane VSTD00550, VSTD005GO, VSTD005GP, VSTD005GQ, VSTD005GR
	Acetone VSTD00550, VSTD005GO, VSTD005GP, VSTD005GQ, VSTD005GR
	2-Butanone VSTD00550 **1,2-Dibromo-3-chloropropane** VSTD00550
Continuing Calibration Verification	**VOA_TRACE**
VTC22	The following trace volatile samples are associated with a CCV in which a DMC did not meet relative response factor (RRF) criteria. Detected and nondetected compounds are not qualified. Professional judgement is recommended for qualification of the data.
	E1836, E1836MS, E1836MSD, E1837, E1838, E1839, VBLK49, VBLKGN, VBLKGO, VBLKGQ, VHBLK01
	1,2-Dichloroethane-d4 VSTD00550, VSTD005GO, VSTD005GP, VSTD005GR 1,1,1-Trichloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,1-Dichloroethene, 1,2-Dibromoethane, 1,2-Dichloroethane, Carbon tetrachloride, Methyl acetate, Methyl tert-butyl ether, Methylene chloride, Trichlorofluoromethane
	1,4-Dioxane-d8 VSTD00550, VSTD005GO, VSTD005GP, VSTD005GQ, VSTD005GR
	1,4-Dioxane
	Chloroethane-d5 VSTD00550, VSTD005GO, VSTD005GP, VSTD005GR Bromomethane, Carbon disulfide, Chloroethane, Chloromethane, Dichlorodifluoromethane **2-Butanone-d5** VSTD00550, VSTD005GO, VSTD005GP, VSTD005GR
	2-Butanone, Acetone
	1,1,2,2-Tetrachloroethane-d2 VSTD00550, VSTD005GO, VSTD005GP, VSTD005GR
	1,1,2,2-Tetrachloroethane, 1,2-Dibromo-3-chloropropane
	2-Hexanone-d5 VSTD00550, VSTD005GO, VSTD005GP, VSTD005GQ, VSTD005GR 2-Hexanone, 4-Methyl-2-pentanone
	Vinyl chloride-d3 VSTD00550, VSTD005GO, VSTD005GP, VSTD005GR
	Vinyl chloride
	trans-1,3-Dichloropropene-d4 VSTD00550, VSTD005GO, VSTD005GP, VSTD005GR
	1,1,2-Trichloroethane, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene **1,2-Dichloropropane-d6** VSTD00550, VSTD005GO, VSTD005GP, VSTD005GR

Data Review Results

Continuing Calibration Verification

	1,2-Dichloropropane, Bromodichloromethane, Cyclohexane, Methylcyclohexane
Continuing Calibration Verification	**VOA_TRACE**
VTC8	The following trace volatile samples are associated with an opening or closing CCV percent difference (%D) outside criteria. Detected compounds are qualified J. Nondetected compounds are qualified UJ.
	E1836MS, E1836MSD, VBLKGQ
	4-Methyl-2-pentanone VSTD005GR
	Methylcyclohexane VSTD005GQ
	2-Hexanone VSTD005GR
	1,1,2-Trichloro-1,2,2-trifluoroethane VSTD005GQ

National Functional Guidelines Report # 3

Lab A4 (A4 Scientific) **SDG** E1836 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43269 **SOW** SOM01.1

Data Review Results

Detection Limit

Detection Limit	**VOA_TRACE**
VTDL1	The following volatile samples have analyte concentrations below the quantitation limit (CRQL). Detected compounds are qualified J. Nondetected compounds are not qualified.
	E1836, E1836MS, E1836MSD, E1837, E1838, E1839, VBLK49, VBLKGN, VBLKGO, VBLKGQ, VHBLK01
	Toluene E1839
	cis-1,2-Dichloroethene E1836, E1836MS, E1836MSD
	trans-1,2-Dichloroethene E1838
	Benzene E1839
	Methylene chloride VBLK49, VBLKGN, VBLKGO, VBLKGQ, VHBLK01
	1,1-Dichloroethane E1837, E1838

Data Review Results

Initial Calibration

Initial Calibration	**VOA_TRACE**
VTC15	The following volatile samples are associated with an initial calibration with relative response factors (RRFs) outside criteria. Detected compounds are qualified J. Nondetected compounds are qualified R.
	E1836, E1836MS, E1836MSD, E1837, E1838, E1839, VBLK49, VBLKGN, VBLKGO, VBLKGQ, VHBLK01
	1,4-Dioxane VSTD0.549, VSTD0.5GN, VSTD00149, VSTD001GN, VSTD00549, VSTD005GN, VSTD01049, VSTD010GN, VSTD02049, VSTD020GN
	Acetone VSTD0.549, VSTD0.5GN, VSTD00149, VSTD001GN, VSTD00549, VSTD005GN, VSTD01049, VSTD010GN, VSTD02049, VSTD020GN
	2-Butanone VSTD0.549, VSTD00149, VSTD00549, VSTD01049, VSTD02049
	1,2-Dibromo-3-chloropropane VSTD0.549, VSTD00149, VSTD00549, VSTD01049, VSTD02049
Initial Calibration	**VOA_TRACE**
VTC19	The following volatile samples are associated with an initial calibration in which a SMC/DMC exceeded percent relative standard deviation (%RSD) criteria. Detected and nondetected compounds are not qualified. Professional judgement is recommended for qualification of the data.
	E1836, E1836MS, E1836MSD, E1837, E1838, E1839, VBLKGN, VBLKGO, VBLKGQ
	1,4-Dioxane-d8 VSTD0.5GN
	1,4-Dioxane
	2-Hexanone-d5 VSTD0.5GN
	2-Hexanone, 4-Methyl-2-pentanone
Initial Calibration	**VOA_TRACE**
VTC20	The following volatile samples are associated with an initial calibration in which a DMC did not meet relative response factor (RRF) criteria. Detected and nondetected compounds are not qualified. Professional judgement is recommended for qualification of the data.
	E1836, E1836MS, E1836MSD, E1837, E1838, E1839, VBLK49, VBLKGN, VBLKGO, VBLKGQ, VHBLK01
	1,4-Dioxane-d8 VSTD0.549, VSTD0.5GN, VSTD00149, VSTD001GN, VSTD00549, VSTD005GN, VSTD01049, VSTD010GN, VSTD02049, VSTD020GN
	1,4-Dioxane
	2-Butanone-d5 VSTD0.549, VSTD00149, VSTD001GN, VSTD00549, VSTD01049, VSTD02049
	2-Butanone, Acetone
	2-Hexanone-d5 VSTD0.549, VSTD0.5GN, VSTD00149, VSTD001GN, VSTD00549, VSTD005GN, VSTD01049, VSTD010GN, VSTD02049, VSTD020GN
	2-Hexanone, 4-Methyl-2-pentanone
	trans-1,3-Dichloropropene-d4 VSTD00149

National Functional Guidelines Report # 3

Lab A4 (A4 Scientific) **SDG** E1836 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43269 **SOW** SOM01.1

Data Review Results

Initial Calibration

	1,1,2-Trichloroethane, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene
Initial Calibration	**VOA_TRACE**
VTC6	The following trace volatile samples are associated with an initial calibration percent relative standard deviation (%RSD) outside criteria. Detected compounds are qualified J. Nondetected compounds are not qualified. Use professional judgement to qualify non-detected compounds. E1836, E1836MS, E1836MSD, E1837, E1838, E1839, VBLK49, VBLKGN, VBLKGO, VBLKGQ, VHBLK01
	1,4-Dioxane VSTD0.5GN
	Chloroform VSTD0.549, VSTD0.5GN
	Methylene chloride VSTD0.549

National Functional Guidelines Report # 3

Lab A4 (A4 Scientific) **SDG** E1836 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43269 **SOW** SOM01.1

Data Review Results

Matrix Spikes

Matrix Spikes	**VOA_TRACE**
VTMS3	The following trace volatile matrix spike/matrix spike duplicate samples have percent recoveries greater than the upper acceptance criteria. Detected compounds are qualified J. Nondetected compounds are not qualified.
	E1836MS, E1836MSD
	Toluene E1836MS
	Benzene E1836MS, E1836MSD
	Trichloroethene E1836MS

Lab A4 (A4 Scientific) **SDG** E1836 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43269 **SOW** SOM01.1

Data Review Results

TIC

TIC	VOA_TRACE
VTTIC2	A library search indicates a match below 85% for a TIC compound in the trace volatile sample Detectedcompounds are qualified J. Nondetected compounds are not qualified.
	Unknown-01 E1839

National Functional Guidelines Report # 9

11:05 Sat, Aug 4, 2007

Lab A4 (A4 Scientific) **SDG** E1836 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43269 **SOW** SOM01.1

Tentatively identified Compounds

VOA Trace Sample=E1839 Location=D-SAS-TB Matrix=Water Level=Trace

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
Unknown-01	Unknown-01	12.56	0.68	ug/L	J

Analytical Results (Qualified Data)

Case #: 36627 SDG : E1836
Site : BEHR DAYTON THERMAL SYSTEM VOC PNUMBER
Lab. : A4
Reviewer :
Date :

Number of Soil Samples : 0
Number of Water Samples : 4
Number of Sediment Samples : 0

Sample Number :	E1836		E1836MS		E1836MSD		E1837		E1838	
Sampling Location :	D-PW-14R		D-PW-14R		D-PW-14R		D-PW-15R		D-PW-15RD	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/18/2007						7/18/2007		7/18/2007	
Time Sampled :										
%Moisture :	N/A		0		0		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Trace Volatile Compo	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluorometha	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Chloromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Vinyl chloride	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Bromomethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Chloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Trichlorofluoromethan	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1-Dichloroethene	0.50	U	5.9		5.1		0.50	U	0.50	U
1,1,2-Trichloro-1,2,2-t	0.50	U	0.50	UJ	0.50	UJ	0.50	U	0.50	U
Acetone	5.0	R	5.0	R	5.0	R	5.0	R	5.0	R
Carbon Disulfide	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Methyl acetate	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Methylene chloride	0.50	U	2.0		1.7		0.50	U	1.1	
trans-1,2-Dichloroethe	0.50	U	0.50	U	0.50	U	0.50	U	0.21	J
Methyl tert-butyl ether	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1-Dichloroethane	0.50	U	0.50	U	0.50	U	0.37	J	0.39	J
cis-1,2-Dichloroethene	0.42	J	0.47	J	0.45	J	2.9		2.9	
2-Butanone	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromochloromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Chloroform	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,1-Trichloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Cyclohexane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Carbon tetrachloride	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Benzene	0.50	U	7.0	J	6.7	J	0.50	U	0.50	U
1,2-Dichloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,4-Dioxane	20	R	20	R	20	R	20	R	20	R
Trichloroethene	1.4		7.6	J	7.3		0.50	U	0.50	U
Methylcyclohexane	0.50	U	0.50	UJ	0.50	UJ	0.50	U	0.50	U
1,2-Dichloropropane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Bromodichloromethan	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
cis-1,3-Dichloroproper	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
4-Methyl-2-pentanone	5.0	U	5.0	UJ	5.0	UJ	5.0	U	5.0	U
Toluene	0.50	U	6.7	J	6.2		0.50	U	0.50	U
trans-1,3-Dichloroprop	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U

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Analytical Results (Qualified Data)

Case #: 36627 SDG : E1836
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1836		E1836MS		E1836MSD		E1837		E1838	
Sampling Location :	D-PW-14R		D-PW-14R		D-PW-14R		D-PW-15R		D-PW-15RD	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/18/2007						7/18/2007		7/18/2007	
Time Sampled :										
%Moisture :	N/A		0		0		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Trace Volatile Compo	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Tetrachloroethene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
2-Hexanone	5.0	U	5.0	UJ	5.0	UJ	5.0	U	5.0	U
Dibromochloromethan	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dibromoethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Chlorobenzene	0.50	U	6.4		6.0		0.50	U	0.50	U
Ethylbenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
o-Xylene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
m,p-Xylene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Styrene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Bromoform	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Isopropylbenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,2,2-Tetrachloroeth	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,3-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,4-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dibromo-3-chlorop	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2,4-Trichlorobenzen	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2,3-Trichlorobenzen	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U

Analytical Results (Qualified Data)

Case #: 36627 SDG : E1836
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1839		VBLK49		VBLKGN		VBLKGO		VBLKGQ	
Sampling Location :	D-SAS-TB									
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/13/2007									
Time Sampled :										
%Moisture :	N/A		0		0		0		0	
pH :	2									
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Trace Volatile Compo	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluorometha	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Chloromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Vinyl chloride	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Bromomethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Chloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Trichlorofluoromethan	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1-Dichloroethene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,2-Trichloro-1,2,2-t	0.50	U	0.50	U	0.50	U	0.50	U	0.50	UJ
Acetone	5.0	R	5.0	R	5.0	R	5.0	R	5.0	R
Carbon Disulfide	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Methyl acetate	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Methylene chloride	0.50	U	0.18	J	0.21	J	0.21	J	0.31	J
trans-1,2-Dichloroethe	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Methyl tert-butyl ether	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1-Dichloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
cis-1,2-Dichloroethene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
2-Butanone	5.0	U	5.0	R	5.0	U	5.0	U	5.0	U
Bromochloromethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Chloroform	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,1-Trichloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Cyclohexane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Carbon tetrachloride	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Benzene	0.27	J	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dichloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,4-Dioxane	20	R	20	R	20	R	20	R	20	R
Trichloroethene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Methylcyclohexane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	UJ
1,2-Dichloropropane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Bromodichloromethan	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
cis-1,3-Dichloroproper	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
4-Methyl-2-pentanone	5.0	U	5.0	U	5.0	U	5.0	U	5.0	UJ
Toluene	0.24	J	0.50	U	0.50	U	0.50	U	0.50	U
trans-1,3-Dichloroprop	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U

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Analytical Results (Qualified Data)

Case #: 36627 SDG : E1836
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1839		VBLK49		VBLKGN		VBLKGO		VBLKGQ	
Sampling Location :	D-SAS-TB									
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/13/2007									
Time Sampled :										
%Moisture :	N/A		0		0		0		0	
pH :	2									
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Trace Volatile Compo	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Tetrachloroethene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
2-Hexanone	5.0	U	5.0	U	5.0	U	5.0	U	5.0	UJ
Dibromochloromethan	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dibromoethane	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Chlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Ethylbenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
o-Xylene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
m,p-Xylene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Styrene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Bromoform	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Isopropylbenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,2,2-Tetrachloroeth	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,3-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,4-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dichlorobenzene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dibromo-3-chlorop	0.50	U	0.50	R	0.50	U	0.50	U	0.50	U
1,2,4-Trichlorobenzen	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2,3-Trichlorobenzen	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U

Analytical Results (Qualified Data)

Case #: 36627 SDG : E1836
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	VHBLK01									
Sampling Location :										
Matrix :	Water									
Units :	ug/L									
Date Sampled :										
Time Sampled :										
%Moisture :	N/A									
pH :	2									
Dilution Factor :	1.0									
Trace Volatile Compo	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluorometha	0.50	U								
Chloromethane	0.50	U								
Vinyl chloride	0.50	U								
Bromomethane	0.50	U								
Chloroethane	0.50	U								
Trichlorofluoromethan	0.50	U								
1,1-Dichloroethene	0.50	U								
1,1,2-Trichloro-1,2,2-tr	0.50	U								
Acetone	5.0	R								
Carbon Disulfide	0.50	U								
Methyl acetate	0.50	U								
Methylene chloride	0.33	J								
trans-1,2-Dichloroethe	0.50	U								
Methyl tert-butyl ether	0.50	U								
1,1-Dichloroethane	0.50	U								
cis-1,2-Dichloroethene	0.50	U								
2-Butanone	5.0	R								
Bromochloromethane	0.50	U								
Chloroform	0.50	U								
1,1,1-Trichloroethane	0.50	U								
Cyclohexane	0.50	U								
Carbon tetrachloride	0.50	U								
Benzene	0.50	U								
1,2-Dichloroethane	0.50	U								
1,4-Dioxane	20	R								
Trichloroethene	0.50	U								
Methylcyclohexane	0.50	U								
1,2-Dichloropropane	0.50	U								
Bromodichloromethan	0.50	U								
cis-1,3-Dichloroproper	0.50	U								
4-Methyl-2-pentanone	5.0	U								
Toluene	0.50	U								
trans-1,3-Dichloroprop	0.50	U								

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Analytical Results (Qualified Data)

Case #: 36627 SDG : E1836
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	VHBLK01									
Sampling Location :										
Matrix :	Water									
Units :	ug/L									
Date Sampled :										
Time Sampled :										
%Moisture :	N/A									
pH :	2									
Dilution Factor :	1.0									
Trace Volatile Compou	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	0.50	U								
Tetrachloroethene	0.50	U								
2-Hexanone	5.0	U								
Dibromochloromethan	0.50	U								
1,2-Dibromoethane	0.50	U								
Chlorobenzene	0.50	U								
Ethylbenzene	0.50	U								
o-Xylene	0.50	U								
m,p-Xylene	0.50	U								
Styrene	0.50	U								
Bromoform	0.50	U								
Isopropylbenzene	0.50	U								
1,1,2,2-Tetrachloroeth	0.50	U								
1,3-Dichlorobenzene	0.50	U								
1,4-Dichlorobenzene	0.50	U								
1,2-Dichlorobenzene	0.50	U								
1,2-Dibromo-3-chlorop	0.50	R								
1,2,4-Trichlorobenzen	0.50	U								
1,2,3-Trichlorobenzen	0.50	U								

Regional Transmittal Form

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE:

SUBJECT: Review of Data
Received for Review on 3 Aug 07

FROM: Stephen L. Ostrodka, Chief (SRT-4J)
Superfund Field Services Section

TO: Data User: OEPA

We have reviewed the data for the following case:

SITE NAME: Behr Dayton Thermal (OH)

CASE NUMBER: 36627 SDG NUMBER: E1836

Number and Type of Samples: 4 water samples

Sample Numbers: E1836 - E1839

Laboratory: AH Scientific, Inc. Hrs for Review:

Following are our findings:

CC: Howard Pham
Region 5 TPO
Mail Code: SRT-4J

SAMPLE DELIVERY GROUP (SDG)
COVER SHEET

SDG Number:	E1836		
Laboratory Name:	A4 SCIENTIFIC, INC.	**Laboratory Code:**	A4
Contract No.:	EPW05036	**Case No.:**	36627
Analysis Price:	$416.00	**SDG Turnaround:**	21 days

Modified Analysis (if applicable):

Modification Reference No.: _____

EPA Sample Numbers in SDG (Listed in Numerical Order)

1) E1836	7)	13)	19)
2) E1837	8)	14)	20)
3) E1838	9)	15)	21)
4) E1839	10)	16)	22)
5)	11)	17)	23)
6)	12)	18)	24)

E1836	E1839
First Sample in SDG	**Last Sample in SDG**
07/20/2007	07/20/2007
First Sample Receipt Date	**Last Sample Receipt Date**

Note: *There are a maximum of 20* ***field*** *samples [excluding Performance Evaluation (PE) Samples] in an SDG. Attach the TR/COC Records to this form in alphanumeric order (the order listed above on this form).*

Jessica Schulz
Signature

7-21-07
Date

Organic (10/06)

USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 36627
DAS No:
SDG No: E1836

L

Date Shipped:	7/19/2007
Carrier Name:	FedEx
Airbill:	848838425544
Shipped to:	A4 Scientific, Inc. 1544 Sawdust Road Suite 505 The Woodlands TX 77380 (281) 292-5277

Chain of Custody Record

Relinquished By	(Date / Time)	Received By	(Date / Time)
1 [signature]	7/19/07 ~~1830~~ 1630		
2			
3			
4		[signature]	7/20/07 9:00

Sampler Signature:

For Lab Use Only

Lab Contract No:	EPW05036
Unit Price:	Ø
Transfer To:	
Lab Contract No:	
Unit Price:	7/20/07

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
E1812	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220931 (HCL), 5220932 (HCL), 5220933 (HCL) (3)	B-MW-024S	S: 7/19/2007	11:08		
E1813	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220934 (HCL), 5220935 (HCL), 5220936 (HCL) (3)	B-MW-025S	S: 7/19/2007	9:08		
E1814	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220937 (HCL), 5220938 (HCL), 5220939 (HCL) (3)	B-MW-026S	S: 7/19/2007	12:43		
E1825	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220970 (HCL), 5220971 (HCL), 5220972 (HCL) (3)	B-MW-038S	S: 7/18/2007	18:20		
E1836	Municipal Water Supply/ Victoria Sigler	L/G	SAS VOA (21) TVOA	5221003 (HCL), 5221004 (HCL), 5221005 (HCL), 5221006 (HCL), 5221007 (HCL), 5221008 (HCL), 5221009 (HCL), 5221010 (HCL), 5221011 (HCL) (9)	D-PW-14R	S: 7/18/2007	13:35		1st 5040 0008458-01 Intact
E1837	Municipal Water Supply/ Victoria Sigler	L/G	SAS VOA (21) TVOA	5221012 (HCL), 5221013 (HCL), 5221014 (HCL) (3)	D-PW-15R	S: 7/18/2007	15:00		-02
E1838	Municipal Water Supply/ Victoria Sigler	L/G	SAS VOA (21) TVOA	5221015 (HCL), 5221016 (HCL), 5221017 (HCL) (3)	D-PW-15RD	S: 7/18/2007	15:15		-03
E1839	Field QC/ Victoria Sigler	L/G	SAS VOA (21) TVOA	5221018 (HCL), 5221019 (HCL), 5221020 (HCL) (3)	D-SAS-TB	S: 7/13/2007	12:10		-04
E1841	Field QC/ Victoria Sigler	L/G	VOA (21)	5221024 (HCL), 5221025 (HCL), 5221026 (HCL) (3)	TRIP BLANK-2	S: 7/13/2007	12:05		

ORIGINAL COPY
Case: 36627 SDG: E1800
Episode: 8455 Int./Date: 7/20/07

Shipment for Case Complete? Y	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:
	E1836	7/20/07	3°C	29452; 29493

Analysis Key: Concentration: L = Low, M = Low/Medium, H = High Type/Designate: Composite = C, Grab = G

SAS VOA = CLP SAS-TCL Volatiles, VOA = CLP TCL Volatiles

Custody Seal Intact? Y Shipment Iced? Y

TR Number: 5-043013577-071907-0001

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

LABORATORY COPY

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A4 SCIENTIFIC, INC.
1544 Sawdust Road, Suite505•The Woodlands, TX 77380•Phone (281) 292-5277

Contract #: EPW05036	Case #: 36627	SDG #: E1836

SDG NARRATIVE

SAMPLE RECEIPT & LOGIN

The following samples were received on the dates listed against them. The samples were logged in for analysis as listed.

EPA SAMPLE #	LAB SAMPLE #	DATE/TIME RECEIVED	AIRBILL NO.	ANALYSIS	Total # of Containers Received	MATRIX	REMARKS
E1836	0008458-01	07/20/07 09:00	848838425544	TVOA	9	WATER	SDG FIRST SX MS/MSD
E1837	0008458-02	07/20/07 09:00	848838425544	TVOA	3	WATER	
E1838	0008458-03	07/20/07 09:00	848838425544	TVOA	3	WATER	
E1839	0008458-04	07/20/07 09:00	848838425544	TVOA	3	WATER	FIELD QC-SDG FINAL SX

TVOA=CLP TCL Trace Volatiles

The cooler temperatures are listed against the coolers.

DATE RECEIVED	COOLER NO.	Temp (in °C)
07/20/07	1	3

No other discrepancies or issues were noted during sample receipt and login.

VOLATILES TRACE

Samples were analyzed using instrument **C-5973 and H-5975**.

Instrument C-5973 consisted of an Agilent 5973 GC/MS with a 25-meter long DB-624 (Agilent cat#128-1324) column having a 0.2mm ID and 1.12µm film thickness, an OI Analytical Purge and Trap model 4560 with an Archon auto sampler. The trap used is a K trap (Supelco Cat# 24940-U; VOCARB 3000) having 10cm of Carbopack B, 6cm of Carboxen 1000, and 1cm of Carboxen 1001.

Instrument H-5975 consisted of an Agilent 5975 GC/MS with a 25-meter long DB-624 (Agilent cat#128-1324) column having a 0.2mm ID and 1.12µm film thickness, a Tekmar Purge and Trap Model LSC2000 with an Archon auto sampler. The trap used was a K trap (Supelco Cat# 21066-U; VOCARB 3000) having 10cm of Carbopack B, 6cm of Carboxen 1000, and 1cm of Carboxen 1001.

1, 4-Dioxane and /or 1, 4-Dioxane-d8 did not meet the Minimum RRF criteria of ≥ 0.005 in the following calibration standards. This issue has been discussed with the Program Manager and the defect has been issued a blanket waiver. E-mail resolution is enclosed.

The RRF values obtained for these compounds are listed against the standards in the table below.

Calibration Standard	RRF of 1, 4- Dioxane	RRF of 1, 4-Dioxane-d8
VSTD020GN	0.00092	0.00072
VSTD010GN	0.00085	0.00101
VSTD005GN	0.00116	0.00103

VSTD001GN	0.00150	0.00125
VSTD0.5GN	0.00166	0.00159
VSTD02049	0.00104	0.00141
VSTD01049	0.00104	0.00138
VSTD00549	0.00125	0.00136
VSTD00149	0.00132	0.00130
VSTD0.549	0.00132	0.00129
VSTD005GO	0.00134	0.00137
VSTD005GP	0.00131	0.00123
VSTD005GQ	0.00129	0.00124
VSTD005GR	0.00159	0.00119
VSTD00550	0.00133	0.00141

MS/MSD was analyzed on sample E1836. Recoveries for Benzene, Trichloroethene and Toluene were noted to be on the higher than the limits. Recoveries for Benzene were higher in MSD.

All VOA samples had the pH characteristics verified. The reading is listed below.

EPA SAMPLE #	LAB SAMPLE #	pH
E1836	0008458-01	≤ 2
E1837	0008458-02	≤ 2
E1838	0008458-03	≤ 2
E1839	0008458-04	≤ 2

Manual integrations were performed for the following samples for the compounds listed against them.

VSTD005GN – Chloroethane-d5
VSTD001GN – Vinyl Chloride-d3
VSTD001GN – Chloroethane
VSTD001GN – 1,1-Dichloroethene
VSTD001GN – 1,4-Dioxane
VSTD0.5GN – Bromomethane
VSTD0.5GN – Chloroethane
VSTD0.5GN – 1,4-Dioxane

These manual integrations were necessary because the software failed to accurately integrate the entire peak. In all the above instances, the quantitation reports are flagged with "m". A hard copy printout of the manual integration, the scan ranges, and initials of the analyst or manager is included in the data package.

No other issues were noted during sample analysis.

The following equations were used for calculation of the sample results from raw instrument output data:

VOLATILES

Water (Low/Med, Trace & SIM):

$$\text{Concentration } (\mu g/L) = \frac{(Ax)(Is)(Df)}{(Ais)(\overline{RRF})(Vo)}$$

A_x = Area of the characteristic ion (EICP) for the compound to be measured.
A_{is} = Area of the characteristic ion (EICP) for the internal standard.

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Contract #: EPW05036	Case #: 36627	SDG #: E1836

I_s = Amount of internal standard added in nanograms (ng).

$\overline{RRF}$ = Mean relative response factor from the initial calibration.
V_o = Total volume of water purged, in milliliters (mL).
Df = Dilution factor.

I certify that this Sample Data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy Sample Data Package and in the electronic data deliverable has been authorized by the laboratory Manager or Manager's designee, as verified by the following signature.

QA Mgr

Signature and Title

08/02/07

Date of Signature

2A - FORM II VOA-1
WATER VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: _____ SDG No.: E1836

Level: (TRACE or LOW) TRACE

	EPA SAMPLE NO.	VDMC1 (VCL) #	VDMC2 (CLA) #	VDMC3 (DCE) #	VDMC4 (BUT) #	VDMC5 (CLF) #	VDMC6 (DCA) #	VDMC7 (BEN) #
01	E1836	117	123	92	73	100	90	108
02	E1836MS	96	102	104	102	102	95	120
03	E1836MSD	85	90	93	95	96	90	116
04	E1837	106	107	86	80	101	93	109
05	E1838	104	107	87	86	102	98	105
06	E1839	92	96	75	96	101	103	103
07	VBLK49	101	103	76	135	101	111	102
08	VBLKGN	108	110	86	96	102	99	105
09	VBLKGO	108	106	86	98	101	102	103
10	VBLKGQ	100	102	75	90	94	84	121
11	VHBLK01	97	97	74	97	97	94	100
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		QC LIMITS
VDMC1	(VCL) = Vinyl chloride-d3	(65-131)
VDMC2	(CLA) = Chloroethane-d5	(71-131)
VDMC3	(DCE) = 1,1-Dichloroethene-d2	(55-104)
VDMC4	(BUT) = 2-Butanone-d5	(49-155)
VDMC5	(CLF) = Chloroform-d	(78-121)
VDMC6	(DCA) = 1,2-Dichloroethane-d4	(78-129)
VDMC7	(BEN) = Benzene-d6	(77-124)

Column to be used to flag recovery values
* Value outside of contract required QC limits

2B - FORM II VOA-2
WATER VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: _____ SDG No.: E1836

Level: (TRACE or LOW) TRACE

	EPA SAMPLE NO.	VDMC8 (DPA) #	VDMC9 (TOL) #	VDMC10 (TDP) #	VDMC11 (HEX) #	VDMC12 (DXE) #	VDMC13 (TCA) #	VDMC14 (DCZ) #	TOT OUT
01	E1836	99	108	87	66	59	74	104	0
02	E1836MS	119	110	100	100	106	106	106	0
03	E1836MSD	113	106	95	94	103	101	103	0
04	E1837	102	109	91	76	64	80	104	0
05	E1838	100	105	90	78	87	82	106	0
06	E1839	100	98	91	95	87	91	103	0
07	VBLK49	107	102	103	133	110	115	110	0
08	VBLKGN	101	106	95	94	93	90	107	0
09	VBLKGO	100	102	90	96	83	91	107	0
10	VBLKGQ	114	111	91	89	82	97	104	0
11	VHBLK01	105	102	92	97	89	94	106	0
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	QC LIMITS
VDMC8 (DPA) = 1,2-Dichloropropane-d6	(79-124)
VDMC9 (TOL) = Toluene-d8	(77-121)
VDMC10 (TDP) = trans-1,3-Dichloropropene-d4	(73-121)
VDMC11 (HEX) = 2-Hexanone-d5	(28-135)
VDMC12 (DXE) = 1,4-Dioxane-d8	(50-150)
VDMC13 (TCA) = 1,1,2,2-Tetrachloroethane-d2	(73-125)
VDMC14 (DCZ) = 1,2-Dichlorobenzene-d4	(80-131)

Column to be used to flag recovery values
* Values outside of contract required QC limits

3A - FORM III VOA-1
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1836

Matrix Spike - EPA Sample No.: E1836 Level: (TRACE or LOW) TRACE

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS %REC #	QC LIMITS REC.
1,1-Dichloroethene	5.0	0.0	5.9	117	61-145
Benzene	5.0	0.0	7.0	140 *	76-127
Trichloroethene	5.0	1.4	7.6	125 *	71-120
Toluene	5.0	0.0	6.7	133 *	76-125
Chlorobenzene	5.0	0.0	6.4	128	75-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD %REC #	%RPD #	QC LIMITS	
					RPD	REC.
1,1-Dichloroethene	5.0	5.1	102	14	0-14	61-145
Benzene	5.0	6.7	133 *	5	0-11	76-127
Trichloroethene	5.0	7.3	117	6	0-14	71-120
Toluene	5.0	6.2	125	7	0-13	76-125
Chlorobenzene	5.0	6.0	121	6	0-13	75-130

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 1 out of 5 outside limits
Spike Recovery: 4 out of 10 outside limits

COMMENTS:

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKGN

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1836

Lab File ID: H1450.D Lab Sample ID: 7070062-BLK1

Instrument ID: H-5975

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 07/26/2007

Level: (TRACE or LOW/MED) TRACE Time Analyzed: 1224

GC Column: DB-624 ID: 0.20 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E1836	0008458-01	H1451.D	1303
02	E1837	0008458-02	H1452.D	1331
03	E1838	0008458-03	H1453.D	1357
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COMMENTS:

SOM01.1 (5/2005)

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.
VBLKGO

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: _____ SDG No.: E1836

Lab File ID: H1458.D Lab Sample ID: 7070067-BLK1

Instrument ID: H-5975

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 07/26/2007

Level: (TRACE or LOW/MED) TRACE Time Analyzed: 1613

GC Column: DB-624 ID: 0.20 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E1839	0008458-04	H1474.D	2342
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COMMENTS:

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKGQ

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: _____ SDG No.: E1836

Lab File ID: H1479.D Lab Sample ID: 7070068-BLK1

Instrument ID: H-5975

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 07/27/2007

Level: (TRACE or LOW/MED) TRACE Time Analyzed: 1025

GC Column: DB-624 ID: 0.20 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E1836MS	7070068-MS3	H1484.D	1237
02	E1836MSD	7070068-MSD3	H1485.D	1304
03				
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COMMENTS:

SOM01.1 (5/2005)

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK49

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: _____ SDG No.: E1836

Lab File ID: C1359.D Lab Sample ID: 7080001-BLK1

Instrument ID: C-5973

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 08/01/2007

Level: (TRACE or LOW/MED) TRACE Time Analyzed: 1215

GC Column: DB-624 ID: 0.20 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VHBLK01	0008458-05	C1371.D	1736
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COMMENTS:

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1836

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1836

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008458-01

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: H1451.D

Level: (TRACE/LOW/MED) TRACE Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.86	B
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.42	J
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
123-91-1	1,4-Dioxane	20	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1836

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1836

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008458-01

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: H1451.D

Level: (TRACE/LOW/MED) TRACE Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	1.4	
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1836

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1836

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008458-01

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: H1451.D

Level: (TRACE or LOW/MED) TRACE Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 25.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1836MS

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1836

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070068-MS3

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: H1484.D

Level: (TRACE/LOW/MED) TRACE Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/27/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	5.9	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	2.0	B
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.47	J
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	7.0	
107-06-2	1,2-Dichloroethane	0.50	U
123-91-1	1,4-Dioxane	20	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1836MS

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1836

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070068-MS3

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: H1484.D

Level: (TRACE/LOW/MED) TRACE Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/27/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	7.6	
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	6.7	
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	6.4	
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1836MSD

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1836

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070068-MSD3

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: H1485.D

Level: (TRACE/LOW/MED) TRACE Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/27/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	5.1	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	1.7	B
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.45	J
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	6.7	
107-06-2	1,2-Dichloroethane	0.50	U
123-91-1	1,4-Dioxane	20	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1836MSD

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1836

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070068-MSD3

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: H1485.D

Level: (TRACE/LOW/MED) TRACE Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/27/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	7.3	
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	6.2	
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	6.0	
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1837

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1836

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008458-02

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: H1452.D

Level: (TRACE/LOW/MED) TRACE Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.68	B
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.37	J
156-59-2	cis-1,2-Dichloroethene	2.9	
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
123-91-1	1,4-Dioxane	20	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1837

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1836

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008458-02

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: H1452.D

Level: (TRACE/LOW/MED) TRACE Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1837

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1836

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008458-02

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: H1452.D

Level: (TRACE or LOW/MED) TRACE Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 25.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1838

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1836

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008458-03

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: H1453.D

Level: (TRACE/LOW/MED) TRACE Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	1.1	B
156-60-5	trans-1,2-Dichloroethene	0.21	J
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.39	J
156-59-2	cis-1,2-Dichloroethene	2.9	
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
123-91-1	1,4-Dioxane	20	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1838

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1836

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008458-03

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: H1453.D

Level: (TRACE/LOW/MED) TRACE Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1838

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1836

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008458-03

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: H1453.D

Level: (TRACE or LOW/MED) TRACE Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 25.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1839

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1836

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008458-04

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: H1474.D

Level: (TRACE/LOW/MED) TRACE Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.60	B
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.27	J
107-06-2	1,2-Dichloroethane	0.50	U
123-91-1	1,4-Dioxane	20	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1839

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1836

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008458-04

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: H1474.D

Level: (TRACE/LOW/MED) TRACE Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.24	J
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1839

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1836

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008458-04

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: H1474.D

Level: (TRACE or LOW/MED) TRACE Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 25.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		UNKNOWN	12.56	0.68	J
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK49

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1836

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7080001-BLK1

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: C1359.D

Level: (TRACE/LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 08/01/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.18	J
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
123-91-1	1,4-Dioxane	20	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK49

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1836

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7080001-BLK1

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: C1359.D

Level: (TRACE/LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 08/01/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
VBLK49

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1836

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7080001-BLK1

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: C1359.D

Level: (TRACE or LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 08/01/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 25.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKGN

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1836

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070062-BLK1

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: H1450.D

Level: (TRACE/LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.21	J
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
123-91-1	1,4-Dioxane	20	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKGN

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1836

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070062-BLK1

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: H1450.D

Level: (TRACE/LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
VBLKGN

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1836

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070062-BLK1

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: H1450.D

Level: (TRACE or LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 25.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q.
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKGO

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1836

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070067-BLK1

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: H1458.D

Level: (TRACE/LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.5D	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.21	J
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
123-91-1	1,4-Dioxane	20	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKGO

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1836

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070067-BLK1

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: H1458.D

Level: (TRACE/LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
VBLKGO

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1836

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070067-BLK1

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: H1458.D

Level: (TRACE or LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:(ug/L or ug/kg) UG/L Purge Volume: 25.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKGQ

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1836

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070068-BLK1

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: H1479.D

Level: (TRACE/LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 07/27/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.31	J
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
123-91-1	1,4-Dioxane	20	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKGQ

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1836

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070068-BLK1

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: H1479.D

Level: (TRACE/LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 07/27/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
VBLKGQ

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1836

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070068-BLK1

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: H1479.D

Level: (TRACE or LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 07/27/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 25.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VHBLK01

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1836

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008458-05

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: C1371.D

Level: (TRACE/LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 08/01/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene chloride	0.33	JB
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
123-91-1	1,4-Dioxane	20	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VHBLK01

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1836

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008458-05

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: C1371.D

Level: (TRACE/LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 08/01/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 25.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
VHBLK01

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1836

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008458-05

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: C1371.D

Level: (TRACE or LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 08/01/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 25.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
ESD Central Regional Laboratory
Data Tracking Form for Contract Samples

Sample Delivery Group: E1834 CERCLIS No: OHN000510164

Case No: 36627 Site Name/Location: Behr Dayton Thermal (OH)

Contractor or EPA Lab: A4 Scientific Data User: OEPA

No. of Samples: 4 Date Sampled or Date Received: 3 Aug 07

Have Chain-of-Custody records been received? Yes ✓ No ____

Have traffic reports or packing lists been received? Yes ✓ No ____

If no, are traffic report or packing list numbers written on the Chain-of-Custody Record?
Yes ____ No ____

If no, which traffic report or packing list numbers are missing?

Are basic data forms in? Yes ✓ No ____

No of samples claimed: ____ No. of samples received: ____

Received by: pdaursjohnson Date: 3 Aug 07

Received by LSSS: pdaursjohnson Date: 8 Aug 07

Review started: 8/13/07 Reviewer Signature: [signature]

Total time spent on review: 1.5 hrs Date review completed: 8/13/07

Copied by: ____ Date: ____

Mailed to user by: pdaursjohnson Date: 14 Aug 07

DATA USER:

Please fill in the blanks below and return this form to:
Sylvia Griffin, Data Mgmt. Coordinator, Region V, ML-10C

Data received by: ____ Date: ____

Data review received by: ____ Date: ____

Inorganic Data Complete	[ ] Suitable for Intended Purpose [ ] ✓ if OK
Organic Data Complete	[ ] Suitable for Intended Purpose [ ] ✓ if OK
Dioxin data Complete	[ ] Suitable for Intended Purpose [ ] ✓ if OK
SAS Data Complete	[ ] Suitable for Intended Purpose [ ] ✓ if OK

PROBLEMS: Please indicate reasons why data are not suitable for your uses.

Received by Data Mgmt. Coordinator for Files. Date: ____

ESAT Controlled Number: ESAT5.05.00188-pdj 8/14/07

DATE: August 14, 2007

Ohio EPA Field Office
ATTN: **Mr. Jeff Wander**
4675 Homer Ohio Lane
Groveport, OH 43125

SITE NAME: Behr Dayton Thermal (OH)

CASE	LAB	SAMPLES	SDG	MATRIX
36627	A4 Scientific	5	E1867	water

Upon receipt of data, please check each package for completeness and note any missing deliverables below.

PLEASE! Send this form back to Sylvia Griffin, Data Management Coordinator after filling in the blanks below.

Data Received by:_____ Date:_____

PROBLEMS:

Please indicate if data is complete, and note if there are any deliverables missing from the cases noted above.

_____

_____

Received by Data Management Coordinator, CRL for file.

Signature:_____ Date:_____

FROM: **U.S. EPA - Region 5**
Sylvia Griffin
Central Regional Laboratory
536 S. Clark, 10th Floor
Chicago, IL 60605

Sent By: Pat Johnson
Data Coordinator
ESAT Region 5 – **TechLaw Inc.**

Controlled Document

ESAT5.04.00107
ACH
8-14-07

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
SUPERFUND DIVISION

DATE:

SUBJECT: Electronic (Level 2) Review of Data
Received for Review on: 08/03/2007

FROM: Stephen L. Ostrodka, Chief (SRT-4J)
Superfund Field Services Section

TO: Data User: OEPA

THE FOLLOWING DATA HAS BEEN ELECTRONICALLY REVIEWED BY CADRE. NO REVIEW OF THE RAW DATA, LABORATORY NARRATIVE, LABORATORY FORMS OR CHAIN-OF-CUSTODY FORMS WAS PERFORMED.

SITE Name: Behr Dayton Thermal (OH)

Case Number: 36627 SDG Number: E1867

Number and Type of Samples: 5 Water Samples (Volatiles)

Sample Numbers: E1867, E1871 – E1874

Laboratory: A4 Scientific, Inc. Hrs for Review:

Following are our findings:

CC: Howard Pham
Region 5 TPO
Mail Code: SRT-4J

Case Number: 36627
Site Name: Behr Dayton Thermal (OH)

SDG Number: E1867
Laboratory: A4 Scientific

Below is a summary of the out-of-control audits and the possible effects on the data for this case:

Five (5) preserved water samples labeled E1867 and E1871 – E1874 were shipped to A4 Scientific Lab. All samples were collected between 07/17/2007 and 07/19/2007 and received on 07/20/2007 intact and properly cooled. All samples were analyzed for the low-medium volatile target compounds. All samples were analyzed according to CLP SOW SOM01.1.

Case Number: 36627
Site Name: Behr Dayton Thermal (OH)

SDG Number: E1867
Laboratory: A4 Scientific

1. HOLDING TIME

See National Functional Guidelines Report #3.

2. GC/MS TUNING AND GC INSTRUMENT PERFORMANCE

See National Functional Guidelines Report #3.

3. CALIBRATION

See National Functional Guidelines Report #3.

4. BLANKS

See National Functional Guidelines Report #3.

5. DEUTERATED MONITORING COMPOUND AND SURROGATE RECOVERY

See National Functional Guidelines Report #3.

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

See National Functional Guidelines Report #3.

7. FIELD BLANK AND FIELD DUPLICATE

See National Functional Guidelines Report #3.

8. INTERNAL STANDARDS

See National Functional Guidelines Report #3.

9. COMPOUND IDENTIFICATION

After reviewing the mass spectra and chromatograms it appears that all volatile compounds were properly identified.

10. COMPOUND QUANTITATION AND REPORTED DETECTION LIMITS

See National Functional Guidelines Report #3.

11. SYSTEM PERFORMANCE

GC/MS baseline indicated acceptable performance.

Case Number: 36627
Site Name: Behr Dayton Thermal (OH)

SDG Number: E1867
Laboratory: A4 Scientific

12. ADDITIONAL INFORMATION

None.

Case Number: 36627
Site Name: Behr Dayton Thermal (OH)

SDG Number: E1867
Laboratory: A4 Scientific

CADRE Data Qualifier Sheet

Qualifiers	Data Qualifier Definitions
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the action limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a tentative identification.
NJ	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a tentative identification and the associated numerical value represents its approximate concentration.
R	The data are unusable. (The compound may or may not be present.)

National Functional Guidelines Report # 3

10:29 Sat, Aug 4, 2007

Lab A4 (A4 Scientific) **SDG** E1867 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43267 **SOW** SOM01.1

Data Review Results

Blanks

Blanks	**VOA_LOW_MED**
VLB11	The following volatile samples have common contaminant analyte concentrations reported less than 2x the CRQL. The associated method blank common contaminant concentration is less than 2x the concentration criteria Detected compounds are qualified U. Nondetected compounds are not qualified. Reported sample concentrationshave been elevated to the CRQL.
	Methylene chloride E1867MSD, E1871, E1871DL
Blanks	**VOA_LOW_MED**
VLB46	The following volatile samples have common contaminant analyte concentrations reported less than 2x the CRQL. The associated storage blank common contaminant concentration is less than 2x the concentration criteria Detected compounds are qualified U. Nondetected compounds are not qualified. Reported sample concentrations have been elevated to the CRQL.
	Methylene chloride E1867MSD, E1871, E1871DL
Blanks	**VOA_LOW_MED**
VLB55	The following volatile samples have common contaminant analyte concentrations reported greater than or equal to 2x the CRQL. The associated storage blank common contaminant concentration is less than 2x the concentration criteria. Detected and nondetected compounds are not qualified. Professional judgement is recommended for qualification of the data.
	Methylene chloride E1867, E1867MS, E1872, E1873, E1874

Lab A4 (A4 Scientific) **SDG** E1867 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43267 **SOW** SOM01.1

Data Review Results

Continuing Calibration Verification

Continuing Calibration Verification	**VOA_LOW_MED**
VC14	The following volatile samples are associated with a CCV with relative response factors (RRF50) outside criteria. Detected compounds are qualified J. Nondetected compounds are qualified R.
	E1867, E1867MS, E1867MSD, E1871, E1871DL, E1872, E1873, E1874, VBLK35, VBLK45, VBLKGK, VBLKGL, VHBLK01
	1,4-Dioxane VSTD05035, VSTD05036, VSTD05046, VSTD050GK, VSTD050GL, VSTD050GM
Continuing Calibration Verification	**VOA_LOW_MED**
VC21	The following volatile samples are associated with a continuing calibration in which a DMC exceeded percent difference (%D) criteria. Detected and nondetected compounds are not qualified. Professional judgement is recommended for qualification of the data.
	E1867, E1872, E1873, E1874, VBLK35
	2-Hexanone-d5 VSTD05035
	2-Hexanone, 4-Methyl-2-pentanone
Continuing Calibration Verification	**VOA_LOW_MED**
VC22	The following volatile samples are associated with a CCV in which a DMC did not meet relative response factor(RRF) criteria. Detected and nondetected compounds are not qualified. Professional judgement is recommended for qualification of the data.
	E1867, E1867MS, E1867MSD, E1871, E1871DL, E1872, E1873, E1874, VBLK35, VBLK45, VBLKGK, VBLKGL, VHBLK01
	1,4-Dioxane-d8 VSTD05036, VSTD05046, VSTD050GL, VSTD050GM
	1,4-Dioxane
Continuing Calibration Verification	**VOA_LOW_MED**
VC8	The following volatile samples are associated with an opening or closing CCV percent difference (%D) outside criteria. Detected compounds are qualified J. Nondetected compounds are qualified UJ.
	E1867, E1867MS, E1867MSD, E1871, E1871DL, E1872, E1873, E1874, VBLK35, VBLKGK, VBLKGL
	Ethylbenzene VSTD050GK
	Methylcyclohexane VSTD050GK
	Cyclohexane VSTD050GK
	1,4-Dioxane VSTD050GM
	trans-1,2-Dichloroethene VSTD050GK
	m,p-Xylene VSTD050GK
	Carbon tetrachloride VSTD050GK
	Benzene VSTD05036
	Chloromethane VSTD050GK
	Chloroethane VSTD050GK

National Functional Guidelines Report # 3

Lab A4 (A4 Scientific) **SDG** E1867 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43267 **SOW** SOM01.1

Data Review Results

Continuing Calibration Verification

	Vinyl chloride VSTD050GK
	Methylene chloride VSTD050GK
	Carbon disulfide VSTD050GK
	1,1-Dichloroethene VSTD050GK
	Trichlorofluoromethane VSTD050GK
	Dichlorodifluoromethane VSTD050GK
	1,1,2-Trichloro-1,2,2-trifluoroethane VSTD050GK
	1,2-Dichloropropane VSTD05036
	o-Xylene VSTD050GK
	Isopropylbenzene VSTD050GK

National Functional Guidelines Report # 3

Lab A4 (A4 Scientific) **SDG** E1867 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43267 **SOW** SOM01.1

Data Review Results

DMC/Surrogate

DMC/Surrogate	**VOA_LOW_MED**
VDSS3	The following volatile samples have DMC/SMC recoveries above the upper limit of the criteria window. Detected compounds are qualified J. Nondetected compounds are not qualified.
	1,1-Dichloroethene-d2 E1871
	cis-1,2-Dichloroethene, trans-1,2-Dichloroethene

National Functional Guidelines Report # 3

Lab A4 (A4 Scientific) **SDG** E1867 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43267 **SOW** SOM01.1

Data Review Results

Detection Limit

Detection Limit	**VOA_LOW_MED**
VDL1	The following volatile samples have analyte concentrations below the quantitation limit (CRQL). Detected compounds are qualified J. Nondetected compounds are not qualified. E1867, E1867MS, E1867MSD, E1871, E1871DL, E1873, E1874, VBLK35, VBLK45, VBLKGK, VBLKGL, VHBLK01
	Tetrachloroethene E1874
	cis-1,2-Dichloroethene E1867, E1867MS, E1867MSD, E1873, E1874
	trans-1,2-Dichloroethene E1871
	m,p-Xylene E1871, E1873 **Methylene chloride** E1871, VBLK35, VBLK45, VBLKGK, VBLKGL, VHBLK01
	1,1-Dichloroethane E1871DL
	2-Butanone VBLKGK

Lab A4 (A4 Scientific) **SDG** E1867 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43267 **SOW** SOM01.1

Data Review Results

Initial Calibration

Initial Calibration	**VOA_LOW_MED**
VC15	The following volatile samples are associated with an initial calibration with relative response factors (RRFs) outside criteria. Detected compounds are qualified J. Nondetected compounds are qualified R.
	E1867, E1867MS, E1867MSD, E1871, E1871DL, E1872, E1873, E1874, VBLK35, VBLK45, VBLKGK, VBLKGL, VHBLK01
	1,4-Dioxane VSTD00530, VSTD00545, VSTD005GF, VSTD01030, VSTD01045, VSTD010GF, VSTD05030, VSTD05045, VSTD050GF, VSTD10030, VSTD10045, VSTD100GF, VSTD20030, VSTD20045, VSTD200GF
Initial Calibration	**VOA_LOW_MED**
VC19	The following volatile samples are associated with an initial calibration in which a DMC exceeded percent relative standard deviation (%RSD) criteria. Detected and nondetected compounds are not qualified. Professional judgement is recommended for qualification of the data.
	E1867MS, E1867MSD, E1871, E1871DL, VBLKGK, VBLKGL
	Chloroethane-d5 VSTD005GF
	Bromomethane, Carbon disulfide, Chloroethane, Chloromethane, Dichlorodifluoromethane
	2-Hexanone-d5 VSTD005GF
	2-Hexanone, 4-Methyl-2-pentanone
Initial Calibration	**VOA_LOW_MED**
VC20	The following volatile samples are associated with an initial calibration in which a DMC did not meet relative response factor (RRF) criteria. Detected and nondetected compounds are not qualified. Professional judgement is recommended for qualification of the data.
	E1867, E1867MS, E1867MSD, E1871, E1871DL, E1872, E1873, E1874, VBLK35, VBLK45, VBLKGK, VBLKGL, VHBLK01
	1,4-Dioxane-d8 VSTD00530, VSTD00545, VSTD005GF, VSTD01030, VSTD01045, VSTD010GF, VSTD05030, VSTD05045, VSTD050GF, VSTD10030, VSTD10045, VSTD100GF, VSTD20030, VSTD20045, VSTD200GF
	1,4-Dioxane
Initial Calibration	**VOA_LOW_MED**
VC6	The following volatile samples are associated with an initial calibration percent relative standard deviation (%RSD) outside criteria. Detected compounds are qualified J. Nondetected compounds are not qualified. Use professional judgement to qualify non-detected compounds.
	E1867MS, E1867MSD, E1871, E1871DL, VBLK45, VBLKGK, VBLKGL, VHBLK01
	Bromomethane VSTD00545
	Chloroethane VSTD005GF

National Functional Guidelines Report # 3

10:29 Sat, Aug 4, 2007

Lab A4 (A4 Scientific) **SDG** E1867 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43267 **SOW** SOM01.1

Data Review Results

Matrix Spikes

Matrix Spikes	**VOA_LOW_MED**
VMS2	The relative percent difference (RPD) between the following volatile matrix spike and matrix spike duplicate recoveries is outside criteria. Detected compounds are qualified J. Nondetected compounds are not qualified. **Trichloroethene** E1867MS, E1867MSD

National Functional Guidelines Report # 3

Lab A4 (A4 Scientific) **SDG** E1867 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43267 **SOW** SOM01.1

Data Review Results

TIC

TIC	VOA_LOW_MED
VTIC2	A library search indicates a match below 85% for a TIC compound in the volatile sample Detected compounds are qualified J. Nondetected compounds are not qualified.
	Unknown-01 E1871DL
	Unknown-02 E1871DL

National Functional Guidelines Report # 9

10:39 Sat, Aug 4, 2007

Lab A4 (A4 Scientific) **SDG** E1867 **Case** 36627 **Contract** EPW05036 **Region** 5 **DDTID** 43267 **SOW** SOM01.1

Tentatively identified Compounds

VOA_Low_Med Sample=E1871DL Location=No_TR_data Matrix=Water Level=Low

CAS No.	Compound Name	RT (mins)	Concentration		Lab Qualifier
Unknown-01	Unknown-01	1.72	13000	ug/L	JD
Unknown-02	Unknown-02	8.73	48		JD

Analytical Results (Qualified Data)

Case #: 36627 SDG : E1867
Site : BEHR DAYTON THERMAL SYSTEM VOC PN[redacted]ber of Soil Samples : 0
Lab. : A4 Number of Water Samples : 5
Reviewer : Number of Sediment Samples : 0
Date :

Sample Number :	E1867		E1867MS		E1867MSD		E1871		E1871DL	
Sampling Location :	MW-68S		MW-68S		MW-68S		AC-1		AC-1	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/18/2007						7/17/2007			
Time Sampled :										
%Moisture :	N/A		0		0		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	1.0		1.0		1.0		1.0		5.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluorometha	5.0	U	5.0	U	5.0	U	5.0	UJ	25	U
Chloromethane	5.0	U	5.0	U	5.0	U	5.0	UJ	25	U
Vinyl chloride	5.0	U	5.0	U	5.0	U	5.0	UJ	25	U
Bromomethane	5.0	U	5.0	U	5.0	U	5.0	U	25	U
Chloroethane	5.0	U	5.0	U	5.0	U	5.0	UJ	25	U
Trichlorofluoromethan	5.0	U	5.0	U	5.0	U	5.0	UJ	25	U
1,1-Dichloroethene	5.0	U	54		53		63	J	25	U
1,1,2-Trichloro-1,2,2-t	5.0	U	5.0	U	5.0	U	5.0	UJ	25	U
Acetone	10	U	10	U	10	U	10	U	50	U
Carbon Disulfide	5.0	U	5.0	U	5.0	U	5.0	UJ	25	U
Methyl acetate	5.0	U	5.0	U	5.0	U	5.0	U	25	U
Methylene chloride	19		11		5.0	U	5.0	UJ	25	U
trans-1,2-Dichloroethe	5.0	U	5.0	U	5.0	U	3.2	J	25	U
Methyl tert-butyl ether	5.0	U	5.0	U	5.0	U	5.0	U	25	U
1,1-Dichloroethane	17		16		17		8.2		8.1	J
cis-1,2-Dichloroethene	1.7	J	1.6	J	1.7	J	34	J	33	
2-Butanone	10	U	10	U	10	U	10	U	50	U
Bromochloromethane	5.0	U	5.0	U	5.0	U	5.0	U	25	U
Chloroform	5.0	U	5.0	U	5.0	U	5.0	U	25	U
1,1,1-Trichloroethane	46		40		46		390		330	
Cyclohexane	5.0	U	5.0	U	5.0	U	5.0	UJ	25	U
Carbon tetrachloride	5.0	U	5.0	U	5.0	U	5.0	UJ	25	U
Benzene	5.0	UJ	53		54		5.0	U	25	U
1,2-Dichloroethane	5.0	U	5.0	U	5.0	U	5.0	U	25	U
1,4-Dioxane	100	R	100	R	100	R	100	R	500	R
Trichloroethene	110		150	J	170	J	180		160	
Methylcyclohexane	5.0	U	5.0	U	5.0	U	5.0	UJ	25	U
1,2-Dichloropropane	5.0	UJ	5.0	U	5.0	U	5.0	U	25	U
Bromodichloromethan	5.0	U	5.0	U	5.0	U	5.0	U	25	U
cis-1,3-Dichloroproper	5.0	U	5.0	U	5.0	U	5.0	U	25	U
4-Methyl-2-pentanone	10	U	10	U	10	U	10	U	50	U
Toluene	5.0	U	54		54		5.0	U	25	U
trans-1,3-Dichloroprop	5.0	U	5.0	U	5.0	U	5.0	U	25	U

DISCLAIMER: This package has been electronically assessed as an added service to our customer. It has not b validated or approved by Region 5 and any subsequent use by the data user is strictly at the risk of the data user. Region 5 assumes no responsibility for use of unvalidated data.

Analytical Results (Qualified Data)

Case #: 36627 SDG : E1867
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1867		E1867MS		E1867MSD		E1871		E1871DL	
Sampling Location :	MW-68S		MW-68S		MW-68S		AC-1		AC-1	
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/18/2007						7/17/2007			
Time Sampled :										
%Moisture :	N/A		0		0		N/A		N/A	
pH :	2		2		2		2		2	
Dilution Factor :	1.0		1.0		1.0		1.0		5.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U	5.0	U	5.0	U	5.0	U	25	U
Tetrachloroethene	5.0	U	5.0	U	5.0	U	5.0	U	25	U
2-Hexanone	10	U	10	U	10	U	10	U	50	U
Dibromochloromethan	5.0	U	5.0	U	5.0	U	5.0	U	25	U
1,2-Dibromoethane	5.0	U	5.0	U	5.0	U	5.0	U	25	U
Chlorobenzene	5.0	U	53		53		5.0	U	25	U
Ethylbenzene	5.0	U	5.0	U	5.0	U	5.0	UJ	25	U
o-Xylene	5.0	U	5.0	U	5.0	U	5.0	UJ	25	U
m,p-Xylene	5.0	U	5.0	U	5.0	U	1.4	J	25	U
Styrene	5.0	U	5.0	U	5.0	U	5.0	U	25	U
Bromoform	5.0	U	5.0	U	5.0	U	5.0	U	25	U
Isopropylbenzene	5.0	U	5.0	U	5.0	U	5.0	UJ	25	U
1,1,2,2-Tetrachloroeth	5.0	U	5.0	U	5.0	U	5.0	U	25	U
1,3-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	25	U
1,4-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	25	U
1,2-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	25	U
1,2-Dibromo-3-chlorop	5.0	U	5.0	U	5.0	U	5.0	U	25	U
1,2,4-Trichlorobenzen	5.0	U	5.0	U	5.0	U	5.0	U	25	U
1,2,3-Trichlorobenzen	5.0	U	5.0	U	5.0	U	5.0	U	25	U

Analytical Results (Qualified Data)

Case #: 36627 SDG : E1867
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1872		E1873		E1874		VBLK35		VBLK45	
Sampling Location :	AC-2		WC-2		G-4					
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/19/2007		7/19/2007		7/19/2007					
Time Sampled :										
%Moisture :	N/A		N/A		N/A		0		0	
pH :	2		2		2					
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluorometha	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Vinyl chloride	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromomethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Trichlorofluoromethan	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1,2-Trichloro-1,2,2-tr	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Acetone	10	U	10	U	10	U	10	U	10	U
Carbon Disulfide	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methyl acetate	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methylene chloride	15		16		17		1.5	J	1.4	J
trans-1,2-Dichloroethe	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Methyl tert-butyl ether	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethane	8.7		5.0	U	7.0		5.0	U	5.0	U
cis-1,2-Dichloroethene	9.8		4.8	J	4.5	J	5.0	U	5.0	U
2-Butanone	10	U	10	U	10	U	10	U	10	U
Bromochloromethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chloroform	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1,1-Trichloroethane	100		5.0	U	110		5.0	U	5.0	U
Cyclohexane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Carbon tetrachloride	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Benzene	5.0	UJ	5.0	UJ	5.0	UJ	5.0	UJ	5.0	U
1,2-Dichloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,4-Dioxane	100	R	100	R	100	R	100	R	100	R
Trichloroethene	140		26		190		5.0	U	5.0	U
Methylcyclohexane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichloropropane	5.0	UJ	5.0	UJ	5.0	UJ	5.0	UJ	5.0	U
Bromodichloromethan	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
cis-1,3-Dichloroproper	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
4-Methyl-2-pentanone	10	U	10	U	10	U	10	U	10	U
Toluene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
trans-1,3-Dichloroprop	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U

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Region 5 assumes no responsibility for use of unvalidated data.

Analytical Results (Qualified Data)

Case #: 36627 SDG : E1867
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	E1872		E1873		E1874		VBLK35		VBLK45	
Sampling Location :	AC-2		WC-2		G-4					
Matrix :	Water		Water		Water		Water		Water	
Units :	ug/L		ug/L		ug/L		ug/L		ug/L	
Date Sampled :	7/19/2007		7/19/2007		7/19/2007					
Time Sampled :										
%Moisture :	N/A		N/A		N/A		0		0	
pH :	2		2		2					
Dilution Factor :	1.0		1.0		1.0		1.0		1.0	
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Tetrachloroethene	5.0	U	5.0	U	1.1	J	5.0	U	5.0	U
2-Hexanone	10	U	10	U	10	U	10	U	10	U
Dibromochloromethan	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dibromoethane	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Chlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Ethylbenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
o-Xylene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
m,p-Xylene	5.0	U	1.0	J	5.0	U	5.0	U	5.0	U
Styrene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Bromoform	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Isopropylbenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,1,2,2-Tetrachloroeth	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,3-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,4-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dibromo-3-chlorop	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2,4-Trichlorobenzen	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
1,2,3-Trichlorobenzen	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U

Analytical Results (Qualified Data)

Case #: 36627 SDG : E1867
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	VBLKGK		VBLKGL		VHBLK01					
Sampling Location :										
Matrix :	Water		Water		Water					
Units :	ug/L		ug/L		ug/L					
Date Sampled :										
Time Sampled :										
%Moisture :	0		0		N/A					
pH :										
Dilution Factor :	1.0		1.0		1.0					
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
Dichlorodifluorometha	5.0	UJ	5.0	U	5.0	U				
Chloromethane	5.0	UJ	5.0	U	5.0	U				
Vinyl chloride	5.0	UJ	5.0	U	5.0	U				
Bromomethane	5.0	U	5.0	U	5.0	U				
Chloroethane	5.0	UJ	5.0	U	5.0	U				
Trichlorofluoromethan	5.0	UJ	5.0	U	5.0	U				
1,1-Dichloroethene	5.0	UJ	5.0	U	5.0	U				
1,1,2-Trichloro-1,2,2-tr	5.0	UJ	5.0	U	5.0	U				
Acetone	10	U	10	U	10	U				
Carbon Disulfide	5.0	UJ	5.0	U	5.0	U				
Methyl acetate	5.0	U	5.0	U	5.0	U				
Methylene chloride	1.2	J	1.2	J	1.3	J				
trans-1,2-Dichloroethe	5.0	UJ	5.0	U	5.0	U				
Methyl tert-butyl ether	5.0	U	5.0	U	5.0	U				
1,1-Dichloroethane	5.0	U	5.0	U	5.0	U				
cis-1,2-Dichloroethene	5.0	U	5.0	U	5.0	U				
2-Butanone	4.7	J	10	U	10	U				
Bromochloromethane	5.0	U	5.0	U	5.0	U				
Chloroform	5.0	U	5.0	U	5.0	U				
1,1,1-Trichloroethane	5.0	U	5.0	U	5.0	U				
Cyclohexane	5.0	UJ	5.0	U	5.0	U				
Carbon tetrachloride	5.0	UJ	5.0	U	5.0	U				
Benzene	5.0	U	5.0	U	5.0	U				
1,2-Dichloroethane	5.0	U	5.0	U	5.0	U				
1,4-Dioxane	100	R	100	R	100	R				
Trichloroethene	5.0	U	5.0	U	5.0	U				
Methylcyclohexane	5.0	UJ	5.0	U	5.0	U				
1,2-Dichloropropane	5.0	U	5.0	U	5.0	U				
Bromodichloromethan	5.0	U	5.0	U	5.0	U				
cis-1,3-Dichloroproper	5.0	U	5.0	U	5.0	U				
4-Methyl-2-pentanone	10	U	10	U	10	U				
Toluene	5.0	U	5.0	U	5.0	U				
trans-1,3-Dichloroprop	5.0	U	5.0	U	5.0	U				

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Analytical Results (Qualified Data)

Case #: 36627 SDG : E1867
Site : BEHR DAYTON THERMAL SYSTEM VOC PLUME
Lab. : A4
Reviewer :
Date :

Sample Number :	VBLKGK		VBLKGL		VHBLK01					
Sampling Location :										
Matrix :	Water		Water		Water					
Units :	ug/L		ug/L		ug/L					
Date Sampled :										
Time Sampled :										
%Moisture :	0		0		N/A					
pH :										
Dilution Factor :	1.0		1.0		1.0					
Volatile Compound	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
1,1,2-Trichloroethane	5.0	U	5.0	U	5.0	U				
Tetrachloroethene	5.0	U	5.0	U	5.0	U				
2-Hexanone	10	U	10	U	10	U				
Dibromochloromethan	5.0	U	5.0	U	5.0	U				
1,2-Dibromoethane	5.0	U	5.0	U	5.0	U				
Chlorobenzene	5.0	U	5.0	U	5.0	U				
Ethylbenzene	5.0	UJ	5.0	U	5.0	U				
o-Xylene	5.0	UJ	5.0	U	5.0	U				
m,p-Xylene	5.0	UJ	5.0	U	5.0	U				
Styrene	5.0	U	5.0	U	5.0	U				
Bromoform	5.0	U	5.0	U	5.0	U				
Isopropylbenzene	5.0	UJ	5.0	U	5.0	U				
1,1,2,2-Tetrachloroeth	5.0	U	5.0	U	5.0	U				
1,3-Dichlorobenzene	5.0	U	5.0	U	5.0	U				
1,4-Dichlorobenzene	5.0	U	5.0	U	5.0	U				
1,2-Dichlorobenzene	5.0	U	5.0	U	5.0	U				
1,2-Dibromo-3-chlorop	5.0	U	5.0	U	5.0	U				
1,2,4-Trichlorobenzen	5.0	U	5.0	U	5.0	U				
1,2,3-Trichlorobenzen	5.0	U	5.0	U	5.0	U				

Regional Transmittal Form

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE:

SUBJECT: Review of Data
Received for Review on 3 Aug 07

FROM: Stephen L. Ostrodka, Chief (SRT-4J)
Superfund Field Services Section

TO: Data User: OEPA

We have reviewed the data for the following case:

SITE NAME: Behr Dayton Thermal (OH)

CASE NUMBER: 36637 SDG NUMBER: E1867

Number and Type of Samples: 5 water samples

Sample Numbers: E1867; E1871-74

Laboratory: AH Scientific, Inc. Hrs for Review:

Following are our findings:

CC: Howard Pham
Region 5 TPO
Mail Code: SRT-4J

SAMPLE DELIVERY GROUP (SDG)
COVER SHEET

SDG Number: E1867

Laboratory Name: A4 SCIENTIFIC, INC. **Laboratory Code:** A4

Contract No.: EPW05036 **Case No.:** 36627

Analysis Price: $416.00 **SDG Turnaround:** 21 days

Modified Analysis (if applicable):

Modification Reference No.: _____

EPA Sample Numbers in SDG (Listed in Numerical Order)

1) E1867	7)	13)	19)
2) E1871	8)	14)	20)
3) E1872	9)	15)	21)
4) E1873	10)	16)	22)
5) E1874	11)	17)	23)
6)	12)	18)	24)

E1867	E1874
First Sample in SDG	**Last Sample in SDG**
07/20/2007	07/20/2007
First Sample Receipt Date	**Last Sample Receipt Date**

Note: *There are a maximum of 20* ***field*** *samples [excluding Performance Evaluation (PE) Samples] in an SDG. Attach the TR/COC Records to this form in alphanumeric order (the order listed above on this form).*

Jessica Schulz
Signature

7-21-07
Date

Organic (10/06)

USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 36627
DAS No:
SDG No: E1867

L

Date Shipped:	7/19/2007
Carrier Name:	FedEx
Airbill:	848838425544
Shipped to:	A4 Scientific, Inc. 1544 Sawdust Road Suite 505 The Woodlands TX 77380 (281) 292-5277

Chain of Custody Record

Sampler Signature:

Relinquished By	(Date / Time)	Received By	(Date / Time)
1 [signature]	7/19/07 1630	[signature]	
2			
3			
4		J. Schulze	7/20/07 900

For Lab Use Only

Lab Contract No:	EPW05036
Unit Price:	Ø
Transfer To:	
Lab Contract No:	
Unit Price:	7/20/07

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
E1867	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220522 (HCL), 5220523 (HCL), 5220524 (HCL) (3)	MW-68S	S: 7/18/2007	12:22		1st SDG 0008457-01 Intact
E1871	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220867 (HCL), 5220868 (HCL), 5220869 (HCL) (3)	AC-1	S: 7/17/2007	7:30		-02
E1872	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220634 (HCL), 5220635 (HCL), 5220636 (HCL) (3)	AC-2	S: 7/19/2007	9:00		-03
E1873	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220484 (HCL), 5220485 (HCL), 5220486 (HCL) (3)	WC-2	S: 7/19/2007	10:20		-04
E1874	Monitor Well/ Victoria Sigler	L/G	VOA (21)	5220478 (HCL), 5220479 (HCL), 5220480 (HCL) (3)	G-4	S: 7/19/2007	9:45		-05

Final SDG

PAGE : 00005

Shipment for Case Complete? Y	Sample(s) to be used for laboratory QC: E1836	Additional Sampler Signature(s): [signature] 7/20/07	Cooler Temperature Upon Receipt: 3°C	Chain of Custody Seal Number: 29452; 29493
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? 4 Shipment Iced? 4

SAS VOA = CLP SAS-TCL Volatiles, VOA = CLP TCL Volatiles

TR Number: 5-043013577-071907-0001

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

A4 SCIENTIFIC, INC.
1544 Sawdust Road, Suite505•The Woodlands, TX 77380•Phone (281) 292-5277

Contract #: EPW05036	Case #: 36627	SDG #: E1867

SDG NARRATIVE

SAMPLE RECEIPT & LOGIN

The following samples were received on the dates listed against them. The samples were logged in for analysis as listed.

EPA SAMPLE #	LAB SAMPLE #	DATE/TIME RECEIVED	AIRBILL NO.	ANALYSIS	Total # of Containers Received	MATRIX	REMARKS
E1867	0008457-01	07/20/07 09:00	848838425544	VOA	3	WATER	SDG FIRST SX-MS/MSD
E1871	0008457-02	07/20/07 09:00	848838425544	VOA	3	WATER	
E1872	0008457-03	07/20/07 09:00	848838425544	VOA	3	WATER	
E1873	0008457-04	07/20/07 09:00	848838425544	VOA	3	WATER	
E1874	0008457-05	07/20/07 09:00	848838425544	VOA	2	WATER	SDG FINAL SX

VOA=CLP TCL Volatiles

The cooler temperatures are listed against the coolers.

DATE RECEIVED	COOLER NO.	Temp (in °C)
07/20/07	1	3

The following issue was noted during sample receiving/login,

Issue: Per Scheduling Lab QC was required. Per TR/COC no sample was designated for Lab QC. Lab suggested sample E1867 for QC.
Resolution: According to the previous direction from Region 5, Lab has selected sample E1867 and Notified SMO.

No other discrepancies or issues were noted during sample receipt and login.

VOLATILES LOW/MEDIUM

Samples were analyzed using instrument **C-5973 and H-5975.**

Instrument C-5973 consisted of an Agilent 5973 GC/MS with a 25-meter long DB-624 (Agilent cat#128-1324) column having a 0.2mm ID and 1.12µm film thickness, an OI Analytical Purge and Trap model 4560 with an Archon auto sampler. The trap used is a K trap (Supelco Cat# 24940-U; VOCARB 3000) having 10cm of Carbopack B, 6cm of Carboxen 1000, and 1cm of Carboxen 1001.

Instrument H-5975 consisted of an Agilent 5975 GC/MS with a 25-meter long DB-624 (Agilent cat#128-1324) column having a 0.2mm ID and 1.12µm film thickness, Tekmar Purge and Trap Model LSC2000 with an Archon auto sampler. The trap used was a K trap (Supelco Cat# 21066-U; VOCARB 3000) having 10cm of Carbopack B, 6cm of Carboxen 1000, and 1cm of Carboxen 1001.

MS/MSD was performed on sample E1867. Recoveries for MS and MSD were noted to be with in limits.

All VOA samples had the pH characteristics verified. The reading is listed below.

EPA SAMPLE #	LAB SAMPLE #	pH
E1867	0008457-01	≤ 2

E1871	0008457-02	≤ 2
E1872	0008457-03	≤ 2
E1873	0008457-04	≤ 2
E1874	0008457-05	≤ 2

The following samples were run at dilution, listed against them to get all the compounds within range.

EPA SAMPLE ID	DILUTION
E1871	5

Manual integrations were performed for the following samples for the compounds listed against them.

VSTD20030 – Bromomethane
VSTD200GF – Trichlorofluoromethane
VSTD200GF – trans-1,2-Dichloroethane
VSTD200GF – 4-Methym 2-pentanone
VSTD200GF – 1,4-Dichlorobenzene
VSTD100GF – Bromomethane
VSTD100GF – Trichlorofluoromethane
VSTD100GF – trans-1,2-Dichloroethane
VSTD100GF – 1,4-Dichlorobenzene
VSTD020GF – 1,1-Dichloroethane
VSTD020GF – 1,1,2,2-tetrachloroethane
VSTD020GF – 1,3-Dichlorobenzene
VSTD020GF – 1,4-Dichlorobenzene
VSTD020GF – 1,2-Dichlorobenzene
VSTD020GF – 1,2,3-Trichlorobenzene
VSTD020GF – 1,2,4-Trcihlorobenzene
VSTD010GF – 1,3-Dichlorobenzene
VSTD005GF – Chloroethane-d5
VSTD005GF – Chloroethane
VSTD005GF – 1,4-Dichlorobenzene
VSTD20045 – Bromomethane

These manual integrations were necessary because the software failed to accurately integrate the entire peak. In all the above instances, the quantitation reports are flagged with "m". A hard copy printout of the manual integration, the scan ranges, and initials of the analyst or manager is included in the data package.

The following equations were used for calculation of the sample results from raw instrument output data:

VOLATILES

Water (Low/Med, Trace & SIM):

$$\text{Concentration } (\mu g/L) = \frac{(Ax)(Is)(Df)}{(Ais)(\overline{RRF})(Vo)}$$

A_x = Area of the characteristic ion (EICP) for the compound to be measured.
A_{is} = Area of the characteristic ion (EICP) for the internal standard.
I_s = Amount of internal standard added in nanograms (ng).

$\overline{RRF}$ = Mean relative response factor from the initial calibration.
V_o = Total volume of water purged, in milliliters (mL).
Df = Dilution factor.

A4 SCIENTIFIC, INC.

1544 Sawdust Road, Suite505•The Woodlands, TX 77380•Phone (281) 292-5277

Contract #: EPW05036	Case #: 36627	SDG #: E1867

I certify that this Sample Data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy Sample Data Package and in the electronic data deliverable has been authorized by the laboratory Manager or Manager's designee, as verified by the following signature.

QA Mgr

Signature and Title

08/02/07

Date of Signature

2A - FORM II VOA-1
WATER VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: _____ SDG No.: E1867

Level: (TRACE or LOW) LOW

	EPA SAMPLE NO.	VDMC1 (VCL) #	VDMC2 (CLA) #	VDMC3 (DCE) #	VDMC4 (BUT) #	VDMC5 (CLF) #	VDMC6 (DCA) #	VDMC7 (BEN) #
01	E1867	87	100	74	114	106	107	111
02	E1867MS	85	113	100	94	99	100	93
03	E1867MSD	90	117	104	80	97	95	99
04	E1871	98	124	110 *	88	97	98	100
05	E1871DL	91	116	80	87	100	100	100
06	E1872	89	103	80	95	102	103	110
07	E1873	90	102	74	90	103	98	115
08	E1874	86	101	77	106	106	107	114
09	VBLK35	89	100	74	101	101	100	104
10	VBLK45	109	109	82	93	100	93	106
11	VBLKGK	95	120	75	103	97	99	97
12	VBLKGL	93	111	75	94	94	96	96
13	VHBLK01	97	103	76	94	100	97	103
14	VIBLK88	84	107	69	89	95	98	98
15	VIBLK89	101	130	82	90	102	103	101
16	VIBLK90	95	121	78	81	99	97	103
17	VIBLK91	84	107	66	104	99	100	93
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		QC LIMITS
VDMC1	(VCL) = Vinyl chloride-d3	(65-131)
VDMC2	(CLA) = Chloroethane-d5	(71-131)
VDMC3	(DCE) = 1,1-Dichloroethene-d2	(55-104)
VDMC4	(BUT) = 2-Butanone-d5	(49-155)
VDMC5	(CLF) = Chloroform-d	(78-121)
VDMC6	(DCA) = 1,2-Dichloroethane-d4	(78-129)
VDMC7	(BEN) = Benzene-d6	(77-124)

Column to be used to flag recovery values
* Value outside of contract required QC limits

2B - FORM II VOA-2
WATER VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: _____ SDG No.: E1867

Level: (TRACE or LOW) LOW

	EPA SAMPLE NO.	VDMC8 (DPA) #	VDMC9 (TOL) #	VDMC10 (TDP) #	VDMC11 (HEX) #	VDMC12 (DXE) #	VDMC13 (TCA) #	VDMC14 (DCZ) #	TOT OUT
01	E1867	117	113	97	105	112	117	119	0
02	E1867MS	89	96	91	84	101	89	109	0
03	E1867MSD	92	100	92	72	89	81	110	0
04	E1871	91	102	98	80	90	86	111	1
05	E1871DL	93	101	93	73	99	85	118	0
06	E1872	116	113	96	95	102	108	118	0
07	E1873	116	114	96	92	91	105	121	0
08	E1874	121	116	106	102	108	113	121	0
09	VBLK35	107	109	97	97	104	104	116	0
10	VBLK45	104	110	90	89	73	92	111	0
11	VBLKGK	91	99	99	93	102	96	111	0
12	VBLKGL	90	98	96	88	96	88	114	0
13	VHBLK01	105	103	87	92	90	96	110	0
14	VIBLK88	90	99	96	79	87	86	112	0
15	VIBLK89	93	105	98	78	100	89	116	0
16	VIBLK90	92	106	95	71	83	83	109	0
17	VIBLK91	89	95	98	87	108	97	117	0
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	QC LIMITS
VDMC8 (DPA) = 1,2-Dichloropropane-d6	(79-124)
VDMC9 (TOL) = Toluene-d8	(77-121)
VDMC10 (TDP) = trans-1,3-Dichloropropene-d4	(73-121)
VDMC11 (HEX) = 2-Hexanone-d5	(28-135)
VDMC12 (DXE) = 1,4-Dioxane-d8	(50-150)
VDMC13 (TCA) = 1,1,2,2-Tetrachloroethane-d2	(73-125)
VDMC14 (DCZ) = 1,2-Dichlorobenzene-d4	(80-131)

Column to be used to flag recovery values
* Values outside of contract required QC limits

3A - FORM III VOA-1
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: _____ SDG No.: E1867

Matrix Spike - EPA Sample No.: E1867 Level: (TRACE or LOW) LOW

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS %REC #	QC LIMITS REC.
1,1-Dichloroethene	50	0.0	54	108	61-145
Benzene	50	0.0	53	105	76-127
Trichloroethene	50	110	150	73	71-120
Toluene	50	0.0	54	108	76-125
Chlorobenzene	50	0.0	53	105	75-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD %REC #	%RPD #	QC LIMITS	
					RPD	REC.
1,1-Dichloroethene	50	53	105	2	0-14	61-145
Benzene	50	54	108	2	0-11	76-127
Trichloroethene	50	170	105	36 *	0-14	71-120
Toluene	50	54	109	1	0-13	76-125
Chlorobenzene	50	53	106	1	0-13	75-130

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 1 out of 5 outside limits
Spike Recovery: 0 out of 10 outside limits

COMMENTS: _____

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKGK

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1867

Lab File ID: H1403.D Lab Sample ID: 7070053-BLK1

Instrument ID: H-5975

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 07/25/2007

Level: (TRACE or LOW/MED) LOW Time Analyzed: 0920

GC Column: DB-624 ID: 0.20 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E1871	0008457-02	H1404.D	0952
02	VIBLK88	7070053-CCB1	H1409.D	1222
03	VIBLK89	7070053-CCB2	H1411.D	1322
04	VIBLK90	7070053-CCB3	H1413.D	1416
05	VIBLK91	7070053-CCB4	H1415.D	1509
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COMMENTS:

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK35

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: _____ SDG No.: E1867

Lab File ID: C1181.D Lab Sample ID: 7070054-BLK1

Instrument ID: C-5973

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 07/24/2007

Level: (TRACE or LOW/MED) LOW Time Analyzed: 1631

GC Column: DB-624 ID: 0.20 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E1867	0008457-01	C1195.D	2237
02	E1872	0008457-03	C1197.D	2330
03	E1873	0008457-04	C1198.D	2356
04	E1874	0008457-05	C1199.D	0022
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COMMENTS:

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKGL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1867

Lab File ID: H1419.D Lab Sample ID: 7070061-BLK1

Instrument ID: H-5975

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 07/25/2007

Level: (TRACE or LOW/MED) LOW Time Analyzed: 1658

GC Column: DB-624 ID: 0.20 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	E1871DL	0008457-02RE1	H1441.D	0244
02	E1867MS	7070061-MS1	H1435.D	0004
03	E1867MSD	7070061-MSD1	H1436.D	0031
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COMMENTS:

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK45

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1867

Lab File ID: C1311.D Lab Sample ID: 7070071-BLK1

Instrument ID: C-5973

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 07/30/2007

Level: (TRACE or LOW/MED) LOW Time Analyzed: 1131

GC Column: DB-624 ID: 0.20 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VHBLK01	0008457-06	C1324.D	1708
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COMMENTS:

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1867

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1867

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008457-01

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1195.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	19	B
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	17	
156-59-2	cis-1,2-Dichloroethene	1.7	J
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	46	
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1867

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1867

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008457-01

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1195.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	110	
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1867

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1867

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008457-01

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1195.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1867MS

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1867

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070061-MS1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1435.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	54	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	11	B
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	16	
156-59-2	cis-1,2-Dichloroethene	1.6	J
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	40	
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	53	
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1867MS

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1867

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070061-MS1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1435.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	150	
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	54	
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	53	
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1867MSD

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1867

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070061-MSD1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1436.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	53	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	6.5	B
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	17	
156-59-2	cis-1,2-Dichloroethene	1.7	J
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	46	
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	54	
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1867MSD

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1867

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 7070061-MSD1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1436.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	170	
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	54	
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	53	
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1871

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1867

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008457-02

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1404.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	63	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	5.0	JB
156-60-5	trans-1,2-Dichloroethene	3.2	J
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	8.2	
156-59-2	cis-1,2-Dichloroethene	34	
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	390	E
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1871

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1867

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008457-02

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1404.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	180	
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	1.4	J
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1871

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1867

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008457-02

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1404.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/25/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1871DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1867

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008457-02RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1441.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 5.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	25	U
74-87-3	Chloromethane	25	U
75-01-4	Vinyl chloride	25	U
74-83-9	Bromomethane	25	U
75-00-3	Chloroethane	25	U
75-69-4	Trichlorofluoromethane	25	U
75-35-4	1,1-Dichloroethene	25	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	25	U
67-64-1	Acetone	50	U
75-15-0	Carbon disulfide	25	U
79-20-9	Methyl acetate	25	U
75-09-2	Methylene chloride	27	BD
156-60-5	trans-1,2-Dichloroethene	25	U
1634-04-4	Methyl tert-butyl ether	25	U
75-34-3	1,1-Dichloroethane	8.1	JD
156-59-2	cis-1,2-Dichloroethene	33	D
78-93-3	2-Butanone	50	U
74-97-5	Bromochloromethane	25	U
67-66-3	Chloroform	25	U
71-55-6	1,1,1-Trichloroethane	330	D
110-82-7	Cyclohexane	25	U
56-23-5	Carbon tetrachloride	25	U
71-43-2	Benzene	25	U
107-06-2	1,2-Dichloroethane	25	U
123-91-1	1,4-Dioxane	500	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1871DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1867

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008457-02RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1441.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 5.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	160	D
108-87-2	Methylcyclohexane	25	U
78-87-5	1,2-Dichloropropane	25	U
75-27-4	Bromodichloromethane	25	U
10061-01-5	cis-1,3-Dichloropropene	25	U
108-10-1	4-Methyl-2-pentanone	50	U
108-88-3	Toluene	25	U
10061-02-6	trans-1,3-Dichloropropene	25	U
79-00-5	1,1,2-Trichloroethane	25	U
127-18-4	Tetrachloroethene	25	U
591-78-6	2-Hexanone	50	U
124-48-1	Dibromochloromethane	25	U
106-93-4	1,2-Dibromoethane	25	U
108-90-7	Chlorobenzene	25	U
100-41-4	Ethylbenzene	25	U
95-47-6	o-Xylene	25	U
179601-23-1	m,p-Xylene	25	U
100-42-5	Styrene	25	U
75-25-2	Bromoform	25	U
98-82-8	Isopropylbenzene	25	U
79-34-5	1,1,2,2-Tetrachloroethane	25	U
541-73-1	1,3-Dichlorobenzene	25	U
106-46-7	1,4-Dichlorobenzene	25	U
95-50-1	1,2-Dichlorobenzene	25	U
96-12-8	1,2-Dibromo-3-chloropropane	25	U
120-82-1	1,2,4-Trichlorobenzene	25	U
87-61-6	1,2,3-Trichlorobenzene	25	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1871DL

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1867

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008457-02RE1

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: H1441.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/26/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 5.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		UNKNOWN	1.72	13000	JD
02		UNKNOWN	8.73	48	JD
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1872

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1867

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008457-03

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1197.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	15	B
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	8.7	
156-59-2	cis-1,2-Dichloroethene	9.8	
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	100	
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

E1872

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1867

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008457-03

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1197.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
79-01-6	Trichloroethene	140	
108-87-2	Methylcyclohexane	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
75-27-4	Bromodichloromethane	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	10	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
100-41-4	Ethylbenzene	5.0	U
95-47-6	o-Xylene	5.0	U
179601-23-1	m,p-Xylene	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
E1872

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1867

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008457-03

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1197.D

Level: (TRACE or LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L Purge Volume: 5.00 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
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29					
30					
	E966796[1]	Total Alkanes	N/A		

[1]EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E1873

Lab Name: A4 SCIENTIFIC, INC. Contract: EPW05036

Lab Code: A4 Case No.: 36627 Mod. Ref No.: SDG No.: E1867

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: 0008457-04

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: C1198.D

Level: (TRACE/LOW/MED) LOW Date Received: 07/20/2007

% Moisture: not dec. Date Analyzed: 07/24/2007

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

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

Purge Volume: 5.00 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	5.0	U
79-20-9	Methyl acetate	5.0	U
75-09-2	Methylene chloride	16	B
156-60-5	trans-1,2-Dichloroethene	5.0	U
1634-04-4	Methyl tert-butyl ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
156-59-2	cis-1,2-Dichloroethene	4.8	J
78-93-3	2-Butanone	10	U
74-97-5	Bromochloromethane	5.0	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
110-82-7	Cyclohexane	5.0	U
56-23-5	Carbon tetrachloride	5.0	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
123-91-1	1,4-Dioxane	100	U