

Case Narrative

Site Name: Peter Winkelman

Date received: 03/24/06

For sample delivery group(s): 083-01

All QA/QC associated with this sample delivery group were within acceptable method criteria.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P-1

Site Name: WINKELMAN Contract: _____

Site Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-001

Sample wt/vol: 990 (g/ml) ML Lab File ID: 06H0250.D

% Moisture: _____ decanted:(Y/N) N Date Received: 3/24/2006

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 3/27/2006

Concentrated Extract Volume: 4000 (uL) Date Analyzed: 4/4/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH _____ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

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

12674-11-2	Aroclor-1016	0.20	U
11104-28-2	Aroclor-1221	0.20	U
11141-16-5	Aroclor-1232	0.20	U
53469-21-9	Aroclor-1242	0.20	U
12672-29-6	Aroclor-1248	0.20	U
11097-69-1	Aroclor-1254	0.20	U
11096-82-5	Aroclor-1260	1.9	

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P-5

Site Name: WINKELMAN Contract: _____

Site Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-002

Sample wt/vol: 940 (g/ml) ML Lab File ID: 06H0251.D

% Moisture: _____ decanted:(Y/N) N Date Received: 3/24/2006

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 3/27/2006

Concentrated Extract Volume: 4000 (uL) Date Analyzed: 4/4/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH _____ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

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

12674-11-2	Aroclor-1016	0.21	U
11104-28-2	Aroclor-1221	0.21	U
11141-16-5	Aroclor-1232	0.21	U
53469-21-9	Aroclor-1242	0.21	U
12672-29-6	Aroclor-1248	0.21	U
11097-69-1	Aroclor-1254	0.21	U
11096-82-5	Aroclor-1260	0.21	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P-7

Site Name: WINKELMAN Contract: _____

Site Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-003

Sample wt/vol: 910 (g/ml) ML Lab File ID: 06H0252.D

% Moisture: _____ decanted:(Y/N) N Date Received: 3/24/2006

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 3/27/2006

Concentrated Extract Volume: 4000 (uL) Date Analyzed: 4/4/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH _____ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

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

12674-11-2	Aroclor-1016	0.22	U
11104-28-2	Aroclor-1221	0.22	U
11141-16-5	Aroclor-1232	0.22	U
53469-21-9	Aroclor-1242	0.22	U
12672-29-6	Aroclor-1248	0.22	U
11097-69-1	Aroclor-1254	0.22	U
11096-82-5	Aroclor-1260	0.22	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S-1

Site Name: WINKELMAN Contract: _____

Site Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-004

Sample wt/vol: 800 (g/ml) ML Lab File ID: 06H0254.D

% Moisture: _____ decanted:(Y/N) N Date Received: 3/24/2006

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 3/27/2006

Concentrated Extract Volume: 4000 (uL) Date Analyzed: 4/4/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH _____ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

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

12674-11-2	Aroclor-1016	0.25	U
11104-28-2	Aroclor-1221	0.25	U
11141-16-5	Aroclor-1232	0.25	U
53469-21-9	Aroclor-1242	0.25	U
12672-29-6	Aroclor-1248	0.25	U
11097-69-1	Aroclor-1254	0.25	U
11096-82-5	Aroclor-1260	5.7	E

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S-1

Site Name: WINKELMAN Contract: _____

Site Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-004

Sample wt/vol: 800 (g/ml) ML Lab File ID: 06H0253.D

% Moisture: _____ decanted:(Y/N) N Date Received: 3/24/2006

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 3/27/2006

Concentrated Extract Volume: 4000 (uL) Date Analyzed: 4/4/2006

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH _____ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

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

12674-11-2	Aroclor-1016	0.50	U
11104-28-2	Aroclor-1221	0.50	U
11141-16-5	Aroclor-1232	0.50	U
53469-21-9	Aroclor-1242	0.50	U
12672-29-6	Aroclor-1248	0.50	U
11097-69-1	Aroclor-1254	0.50	U
11096-82-5	Aroclor-1260	5.3	D

Case Narrative

Site Name: Peter Winkelman

Date received: 03/24/06

For sample delivery group(s): 083-01

The calibration verification that these samples were run under had one of the target analytes - 2,4-dinitrophenol - exceeding the calibration verification criteria that is associated with this method. This analyte was not found in any of the samples.

All other QA/QC associated with this sample delivery group were within acceptable method criteria.

To meet ELAP requirements, these samples were extracted under two pH phases - first a basic phase and then an acidic phase. Each extract was then analyzed separately. Therefore you will notice that there are two reports for each of the samples. The sample reports with an 'A' attached to the lab ID number represents the acidic phase extraction and the sample reports with a 'B' attached to the lab ID represent the base phase extraction.

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P-1

Lab Name: Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-001B

Sample wt/vol: 970 (g/ml) ML Lab File ID: 06F0163.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: _____ decanted:(Y/N) N Date Extracted: 3/29/2006

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 4/4/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

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

108-95-2	phenol	10	U
95-57-8	2-chlorophenol	10	U
111-44-4	bis(2-chloroethyl)ether	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
100-51-6	benzyl alcohol	10	U
108-60-1	bis(2-chloroisopropyl)ether	10	U
95-48-7	2-methylphenol	10	U
67-72-1	Hexachloroethane	10	U
621-64-7	N-nitros-di-n-propylamine	10	U
106-44-5	4-methylphenol	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-nitrophenol	10	U
105-67-9	2,4-dimethylphenol	10	U
111-91-1	bis(2-chloroethoxy)methane	10	U
120-83-2	2,4-dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-trichlorophenol	10	U
95-95-4	2,4,5-trichlorophenol	10	U
91-58-7	2-chloronaphthalene	10	U
88-74-4	2-nitroaniline	21	U
208-96-8	acenaphthylene	10	U
131-11-3	dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
83-32-9	acenaphthene	10	U
99-09-2	3-nitroaniline	21	U
51-28-5	2,4-dinitrophenol	21	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-nitrophenol	21	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P-1

Lab Name: Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-001B

Sample wt/vol: 970 (g/ml) ML Lab File ID: 06F0163.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: _____ decanted:(Y/N) N Date Extracted: 3/29/2006

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 4/4/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

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

121-14-2	2,4-Dinitrotoluene	10	U
86-73-7	fluorene	10	U
7005-72-3	4-chlorophenyl phenyl ether	10	U
84-66-2	Diethyl phthalate	10	U
100-01-6	4-nitroaniline	21	U
534-52-1	2-methyl-4,6-dinitrophenol	21	U
86-30-6	N-nitrosodiphenylamine	10	U
101-55-3	4-bromophenyl phenyl ether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	pentachlorophenol	21	U
85-01-8	phenanthrene	10	U
120-12-7	anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	di-n-butyl phthalate	10	U
206-44-0	fluoranthene	10	U
129-00-0	pyrene	10	U
85-68-7	butyl benzyl phthalate	10	U
56-55-3	benzo(a)anthracene	10	U
218-01-9	chrysene	10	U
91-94-1	3,3'-dichlorobenzidine	10	U
117-81-7	bis(2-ethylhexyl)phthalate	10	U
117-84-0	di-n-octyl phthalate	10	U
205-99-2	benzo(b)fluoranthene	10	U
207-08-9	benzo(k)fluoranthene	10	U
50-32-8	benzo(a)pyrene	10	U
193-39-5	indeno(1,2,3-cd)pyrene	10	U
53-70-3	dibenzo(a,h)anthracene	10	U
191-24-2	benzo(g,h,i)perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

P-1

Lab Name: Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-001B

Sample wt/vol: 970 (g/ml) ML Lab File ID: 06F0163.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 3/29/2006

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 4/4/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

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

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

EPA SAMPLE NO.

P-1

Lab Name: Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-001A

Sample wt/vol: 970 (g/ml) ML Lab File ID: 06F0169.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: _____ decanted:(Y/N) N Date Extracted: 3/29/2006

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 4/4/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

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

108-95-2	phenol	10	U
95-57-8	2-chlorophenol	10	U
111-44-4	bis(2-chloroethyl)ether	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
100-51-6	benzyl alcohol	10	U
108-60-1	bis(2-chloroisopropyl)ether	10	U
95-48-7	2-methylphenol	10	U
67-72-1	Hexachloroethane	10	U
621-64-7	N-nitros-di-n-propylamine	10	U
106-44-5	4-methylphenol	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-nitrophenol	10	U
105-67-9	2,4-dimethylphenol	10	U
111-91-1	bis(2-chloroethoxy)methane	10	U
120-83-2	2,4-dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-trichlorophenol	10	U
95-95-4	2,4,5-trichlorophenol	10	U
91-58-7	2-chloronaphthalene	10	U
88-74-4	2-nitroaniline	21	U
208-96-8	acenaphthylene	10	U
131-11-3	dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
83-32-9	acenaphthene	10	U
99-09-2	3-nitroaniline	21	U
51-28-5	2,4-dinitrophenol	21	U
132-64-9	Dibenzofuran	10	U
100-02-7	4-nitrophenol	21	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P-1

Lab Name: Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-001A

Sample wt/vol: 970 (g/ml) ML Lab File ID: 06F0169.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: _____ decanted:(Y/N) N Date Extracted: 3/29/2006

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 4/4/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

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

121-14-2	2,4-Dinitrotoluene	10	U
86-73-7	fluorene	10	U
7005-72-3	4-chlorophenyl phenyl ether	10	U
84-66-2	Diethyl phthalate	10	U
100-01-6	4-nitroaniline	21	U
534-52-1	2-methyl-4,6-dinitrophenol	21	U
86-30-6	N-nitrosodiphenylamine	10	U
101-55-3	4-bromophenyl phenyl ether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	pentachlorophenol	21	U
85-01-8	phenanthrene	10	U
120-12-7	anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	di-n-butyl phthalate	10	U
206-44-0	fluoranthene	10	U
129-00-0	pyrene	10	U
85-68-7	butyl benzyl phthalate	10	U
56-55-3	benzo(a)anthracene	10	U
218-01-9	chrysene	10	U
91-94-1	3,3'-dichlorobenzidine	10	U
117-81-7	bis(2-ethylhexyl)phthalate	10	U
117-84-0	di-n-octyl phthalate	10	U
205-99-2	benzo(b)fluoranthene	10	U
207-08-9	benzo(k)fluoranthene	10	U
50-32-8	benzo(a)pyrene	10	U
193-39-5	indeno(1,2,3-cd)pyrene	10	U
53-70-3	dibenzo(a,h)anthracene	10	U
191-24-2	benzo(g,h,i)perylene	10	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

P-1

Lab Name: Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-001A

Sample wt/vol: 970 (g/ml) ML Lab File ID: 06F0169.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 3/29/2006

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 4/4/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

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

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

EPA SAMPLE NO.

P-5

Lab Name: Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-002B

Sample wt/vol: 940 (g/ml) ML Lab File ID: 06F0164.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: _____ decanted:(Y/N) N Date Extracted: 3/29/2006

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 4/4/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

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

108-95-2	phenol	11	U
95-57-8	2-chlorophenol	11	U
111-44-4	bis(2-chloroethyl)ether	11	U
541-73-1	1,3-dichlorobenzene	11	U
106-46-7	1,4-dichlorobenzene	11	U
95-50-1	1,2-dichlorobenzene	11	U
100-51-6	benzyl alcohol	11	U
108-60-1	bis(2-chloroisopropyl)ether	11	U
95-48-7	2-methylphenol	11	U
67-72-1	Hexachloroethane	11	U
621-64-7	N-nitros-di-n-propylamine	11	U
106-44-5	4-methylphenol	11	U
98-95-3	Nitrobenzene	11	U
78-59-1	Isophorone	11	U
88-75-5	2-nitrophenol	11	U
105-67-9	2,4-dimethylphenol	11	U
111-91-1	bis(2-chloroethoxy)methane	11	U
120-83-2	2,4-dichlorophenol	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U
91-20-3	Naphthalene	11	U
106-47-8	4-chloroaniline	11	U
87-68-3	Hexachlorobutadiene	11	U
59-50-7	4-chloro-3-methylphenol	11	U
91-57-6	2-Methylnaphthalene	11	U
77-47-4	Hexachlorocyclopentadiene	11	U
88-06-2	2,4,6-trichlorophenol	11	U
95-95-4	2,4,5-trichlorophenol	11	U
91-58-7	2-chloronaphthalene	11	U
88-74-4	2-nitroaniline	21	U
208-96-8	acenaphthylene	11	U
131-11-3	dimethylphthalate	11	U
606-20-2	2,6-Dinitrotoluene	11	U
83-32-9	acenaphthene	11	U
99-09-2	3-nitroaniline	21	U
51-28-5	2,4-dinitrophenol	21	U
132-64-9	Dibenzofuran	11	U
100-02-7	4-nitrophenol	21	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P-5

Lab Name: Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-002B

Sample wt/vol: 940 (g/ml) ML Lab File ID: 06F0164.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: _____ decanted:(Y/N) N Date Extracted: 3/29/2006

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 4/4/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

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

121-14-2	2,4-Dinitrotoluene	11	U
86-73-7	fluorene	11	U
7005-72-3	4-chlorophenyl phenyl ether	11	U
84-66-2	Diethyl phthalate	11	U
100-01-6	4-nitroaniline	21	U
534-52-1	2-methyl-4,6-dinitrophenol	21	U
86-30-6	N-nitrosodiphenylamine	11	U
101-55-3	4-bromophenyl phenyl ether	11	U
118-74-1	Hexachlorobenzene	11	U
87-86-5	pentachlorophenol	21	U
85-01-8	phenanthrene	11	U
120-12-7	anthracene	11	U
86-74-8	Carbazole	11	U
84-74-2	di-n-butyl phthalate	11	U
206-44-0	fluoranthene	11	U
129-00-0	pyrene	11	U
85-68-7	butyl benzyl phthalate	11	U
56-55-3	benzo(a)anthracene	11	U
218-01-9	chrysene	11	U
91-94-1	3,3'-dichlorobenzidine	11	U
117-81-7	bis(2-ethylhexyl)phthalate	11	U
117-84-0	di-n-octyl phthalate	11	U
205-99-2	benzo(b)fluoranthene	11	U
207-08-9	benzo(k)fluoranthene	11	U
50-32-8	benzo(a)pyrene	11	U
193-39-5	indeno(1,2,3-cd)pyrene	11	U
53-70-3	dibenzo(a,h)anthracene	11	U
191-24-2	benzo(g,h,i)perylene	11	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

P-5

Lab Name: Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-002B

Sample wt/vol: 940 (g/ml) ML Lab File ID: 06F0164.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 3/29/2006

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 4/4/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 116932-67-3	3-Benzyl-5-chloro-1,2,3-triazole 1	21.84	5	JN
2. 131758-71-9	(2,3-Diphenylcyclopropyl)methyl	31.36	23	JN

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P-5

Lab Name: Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-002A

Sample wt/vol: 940 (g/ml) ML Lab File ID: 06F0170.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: _____ decanted:(Y/N) N Date Extracted: 3/29/2006

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 4/4/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

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

108-95-2	phenol	11	U
95-57-8	2-chlorophenol	11	U
111-44-4	bis(2-chloroethyl)ether	11	U
541-73-1	1,3-dichlorobenzene	11	U
106-46-7	1,4-dichlorobenzene	11	U
95-50-1	1,2-dichlorobenzene	11	U
100-51-6	benzyl alcohol	11	U
108-60-1	bis(2-chloroisopropyl)ether	11	U
95-48-7	2-methylphenol	11	U
67-72-1	Hexachloroethane	11	U
621-64-7	N-nitros-di-n-propylamine	11	U
106-44-5	4-methylphenol	11	U
98-95-3	Nitrobenzene	11	U
78-59-1	Isophorone	11	U
88-75-5	2-nitrophenol	11	U
105-67-9	2,4-dimethylphenol	11	U
111-91-1	bis(2-chloroethoxy)methane	11	U
120-83-2	2,4-dichlorophenol	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U
91-20-3	Naphthalene	11	U
106-47-8	4-chloroaniline	11	U
87-68-3	Hexachlorobutadiene	11	U
59-50-7	4-chloro-3-methylphenol	11	U
91-57-6	2-Methylnaphthalene	11	U
77-47-4	Hexachlorocyclopentadiene	11	U
88-06-2	2,4,6-trichlorophenol	11	U
95-95-4	2,4,5-trichlorophenol	11	U
91-58-7	2-chloronaphthalene	11	U
88-74-4	2-nitroaniline	21	U
208-96-8	acenaphthylene	11	U
131-11-3	dimethylphthalate	11	U
606-20-2	2,6-Dinitrotoluene	11	U
83-32-9	acenaphthene	11	U
99-09-2	3-nitroaniline	21	U
51-28-5	2,4-dinitrophenol	21	U
132-64-9	Dibenzofuran	11	U
100-02-7	4-nitrophenol	21	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P-5

Lab Name: Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-002A

Sample wt/vol: 940 (g/ml) ML Lab File ID: 06F0170.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: _____ decanted:(Y/N) N Date Extracted: 3/29/2006

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 4/4/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

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

121-14-2	2,4-Dinitrotoluene	11	U
86-73-7	fluorene	11	U
7005-72-3	4-chlorophenyl phenyl ether	11	U
84-66-2	Diethyl phthalate	11	U
100-01-6	4-nitroaniline	21	U
534-52-1	2-methyl-4,6-dinitrophenol	21	U
86-30-6	N-nitrosodiphenylamine	11	U
101-55-3	4-bromophenyl phenyl ether	11	U
118-74-1	Hexachlorobenzene	11	U
87-86-5	pentachlorophenol	21	U
85-01-8	phenanthrene	11	U
120-12-7	anthracene	11	U
86-74-8	Carbazole	11	U
84-74-2	di-n-butyl phthalate	11	U
206-44-0	fluoranthene	11	U
129-00-0	pyrene	11	U
85-68-7	butyl benzyl phthalate	11	U
56-55-3	benzo(a)anthracene	11	U
218-01-9	chrysene	11	U
91-94-1	3,3'-dichlorobenzidine	11	U
117-81-7	bis(2-ethylhexyl)phthalate	11	U
117-84-0	di-n-octyl phthalate	11	U
205-99-2	benzo(b)fluoranthene	11	U
207-08-9	benzo(k)fluoranthene	11	U
50-32-8	benzo(a)pyrene	11	U
193-39-5	indeno(1,2,3-cd)pyrene	11	U
53-70-3	dibenzo(a,h)anthracene	11	U
191-24-2	benzo(g,h,i)perylene	11	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

P-5

Lab Name: Winkelman Contract: _____
Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01
Matrix: (soil/water) WATER Lab Sample ID: 706-083-002A
Sample wt/vol: 940 (g/ml) ML Lab File ID: 06F0170.D
Level: (low/med) LOW Date Received: 3/24/2006
% Moisture: _____ decanted: (Y/N) N Date Extracted: 3/29/2006
Concentrated Extract Volume: 2000 (uL) Date Analyzed: 4/4/2006
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

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

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

EPA SAMPLE NO.

P-7

Lab Name: Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-003B

Sample wt/vol: 940 (g/ml) ML Lab File ID: 06F0165.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: _____ decanted:(Y/N) N Date Extracted: 3/29/2006

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 4/4/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

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

108-95-2	phenol	11	U
95-57-8	2-chlorophenol	11	U
111-44-4	bis(2-chloroethyl)ether	11	U
541-73-1	1,3-dichlorobenzene	11	U
106-46-7	1,4-dichlorobenzene	11	U
95-50-1	1,2-dichlorobenzene	11	U
100-51-6	benzyl alcohol	11	U
108-60-1	bis(2-chloroisopropyl)ether	11	U
95-48-7	2-methylphenol	11	U
67-72-1	Hexachloroethane	11	U
621-64-7	N-nitros-di-n-propylamine	11	U
106-44-5	4-methylphenol	11	U
98-95-3	Nitrobenzene	11	U
78-59-1	Isophorone	11	U
88-75-5	2-nitrophenol	11	U
105-67-9	2,4-dimethylphenol	11	U
111-91-1	bis(2-chloroethoxy)methane	11	U
120-83-2	2,4-dichlorophenol	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U
91-20-3	Naphthalene	11	U
106-47-8	4-chloroaniline	11	U
87-68-3	Hexachlorobutadiene	11	U
59-50-7	4-chloro-3-methylphenol	11	U
91-57-6	2-Methylnaphthalene	11	U
77-47-4	Hexachlorocyclopentadiene	11	U
88-06-2	2,4,6-trichlorophenol	11	U
95-95-4	2,4,5-trichlorophenol	11	U
91-58-7	2-chloronaphthalene	11	U
88-74-4	2-nitroaniline	21	U
208-96-8	acenaphthylene	11	U
131-11-3	dimethylphthalate	11	U
606-20-2	2,6-Dinitrotoluene	11	U
83-32-9	acenaphthene	11	U
99-09-2	3-nitroaniline	21	U
51-28-5	2,4-dinitrophenol	21	U
132-64-9	Dibenzofuran	11	U
100-02-7	4-nitrophenol	21	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P-7

Lab Name: Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-003B

Sample wt/vol: 940 (g/ml) ML Lab File ID: 06F0165.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: _____ decanted:(Y/N) N Date Extracted: 3/29/2006

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 4/4/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

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

121-14-2	2,4-Dinitrotoluene	11	U
86-73-7	fluorene	11	U
7005-72-3	4-chlorophenyl phenyl ether	11	U
84-66-2	Diethyl phthalate	11	U
100-01-6	4-nitroaniline	21	U
534-52-1	2-methyl-4,6-dinitrophenol	21	U
86-30-6	N-nitrosodiphenylamine	11	U
101-55-3	4-bromophenyl phenyl ether	11	U
118-74-1	Hexachlorobenzene	11	U
87-86-5	pentachlorophenol	21	U
85-01-8	phenanthrene	11	U
120-12-7	anthracene	11	U
86-74-8	Carbazole	11	U
84-74-2	di-n-butyl phthalate	11	U
206-44-0	fluoranthene	11	U
129-00-0	pyrene	11	U
85-68-7	butyl benzyl phthalate	11	U
56-55-3	benzo(a)anthracene	11	U
218-01-9	chrysene	11	U
91-94-1	3,3'-dichlorobenzidine	11	U
117-81-7	bis(2-ethylhexyl)phthalate	11	U
117-84-0	di-n-octyl phthalate	11	U
205-99-2	benzo(b)fluoranthene	11	U
207-08-9	benzo(k)fluoranthene	11	U
50-32-8	benzo(a)pyrene	11	U
193-39-5	indeno(1,2,3-cd)pyrene	11	U
53-70-3	dibenzo(a,h)anthracene	11	U
191-24-2	benzo(g,h,i)perylene	11	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

P-7

Lab Name: Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-003B

Sample wt/vol: 940 (g/ml) ML Lab File ID: 06F0165.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 3/29/2006

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 4/4/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 131758-71-9	(2,3-Diphenylcyclopropyl)methyl	31.35	9	JN

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P-7

Lab Name: Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-003A

Sample wt/vol: 940 (g/ml) ML Lab File ID: 06F0171.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: _____ decanted:(Y/N) N Date Extracted: 3/29/2006

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 4/4/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

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

108-95-2	phenol	11	U
95-57-8	2-chlorophenol	11	U
111-44-4	bis(2-chloroethyl)ether	11	U
541-73-1	1,3-dichlorobenzene	11	U
106-46-7	1,4-dichlorobenzene	11	U
95-50-1	1,2-dichlorobenzene	11	U
100-51-6	benzyl alcohol	11	U
108-60-1	bis(2-chloroisopropyl)ether	11	U
95-48-7	2-methylphenol	11	U
67-72-1	Hexachloroethane	11	U
621-64-7	N-nitros-di-n-propylamine	11	U
106-44-5	4-methylphenol	11	U
98-95-3	Nitrobenzene	11	U
78-59-1	Isophorone	11	U
88-75-5	2-nitrophenol	11	U
105-67-9	2,4-dimethylphenol	11	U
111-91-1	bis(2-chloroethoxy)methane	11	U
120-83-2	2,4-dichlorophenol	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U
91-20-3	Naphthalene	11	U
106-47-8	4-chloroaniline	11	U
87-68-3	Hexachlorobutadiene	11	U
59-50-7	4-chloro-3-methylphenol	11	U
91-57-6	2-Methylnaphthalene	11	U
77-47-4	Hexachlorocyclopentadiene	11	U
88-06-2	2,4,6-trichlorophenol	11	U
95-95-4	2,4,5-trichlorophenol	11	U
91-58-7	2-chloronaphthalene	11	U
88-74-4	2-nitroaniline	21	U
208-96-8	acenaphthylene	11	U
131-11-3	dimethylphthalate	11	U
606-20-2	2,6-Dinitrotoluene	11	U
83-32-9	acenaphthene	11	U
99-09-2	3-nitroaniline	21	U
51-28-5	2,4-dinitrophenol	21	U
132-64-9	Dibenzofuran	11	U
100-02-7	4-nitrophenol	21	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P-7

Lab Name: Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-003A

Sample wt/vol: 940 (g/ml) ML Lab File ID: 06F0171.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: _____ decanted:(Y/N) N Date Extracted: 3/29/2006

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 4/4/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

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

121-14-2	2,4-Dinitrotoluene	11	U
86-73-7	fluorene	11	U
7005-72-3	4-chlorophenyl phenyl ether	11	U
84-66-2	Diethyl phthalate	11	U
100-01-6	4-nitroaniline	21	U
534-52-1	2-methyl-4,6-dinitrophenol	21	U
86-30-6	N-nitrosodiphenylamine	11	U
101-55-3	4-bromophenyl phenyl ether	11	U
118-74-1	Hexachlorobenzene	11	U
87-86-5	pentachlorophenol	21	U
85-01-8	phenanthrene	11	U
120-12-7	anthracene	11	U
86-74-8	Carbazole	11	U
84-74-2	di-n-butyl phthalate	11	U
206-44-0	fluoranthene	11	U
129-00-0	pyrene	11	U
85-68-7	butyl benzyl phthalate	11	U
56-55-3	benzo(a)anthracene	11	U
218-01-9	chrysene	11	U
91-94-1	3,3'-dichlorobenzidine	11	U
117-81-7	bis(2-ethylhexyl)phthalate	11	U
117-84-0	di-n-octyl phthalate	11	U
205-99-2	benzo(b)fluoranthene	11	U
207-08-9	benzo(k)fluoranthene	11	U
50-32-8	benzo(a)pyrene	11	U
193-39-5	indeno(1,2,3-cd)pyrene	11	U
53-70-3	dibenzo(a,h)anthracene	11	U
191-24-2	benzo(g,h,i)perylene	11	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

P-7

Lab Name: Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-003A

Sample wt/vol: 940 (g/ml) ML Lab File ID: 06F0171.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 3/29/2006

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 4/4/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

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

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

EPA SAMPLE NO.

S-1

Lab Name: Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-004B

Sample wt/vol: 880 (g/ml) ML Lab File ID: 06F0166.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: _____ decanted:(Y/N) N Date Extracted: 3/29/2006

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 4/4/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

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

108-95-2	phenol	11	U
95-57-8	2-chlorophenol	11	U
111-44-4	bis(2-chloroethyl)ether	11	U
541-73-1	1,3-dichlorobenzene	11	U
106-46-7	1,4-dichlorobenzene	11	U
95-50-1	1,2-dichlorobenzene	11	U
100-51-6	benzyl alcohol	11	U
108-60-1	bis(2-chloroisopropyl)ether	11	U
95-48-7	2-methylphenol	11	U
67-72-1	Hexachloroethane	11	U
621-64-7	N-nitros-di-n-propylamine	11	U
106-44-5	4-methylphenol	11	U
98-95-3	Nitrobenzene	11	U
78-59-1	Isophorone	11	U
88-75-5	2-nitrophenol	11	U
105-67-9	2,4-dimethylphenol	11	U
111-91-1	bis(2-chloroethoxy)methane	11	U
120-83-2	2,4-dichlorophenol	11	U
120-82-1	1,2,4-Trichlorobenzene	0.9	J
91-20-3	Naphthalene	11	U
106-47-8	4-chloroaniline	11	U
87-68-3	Hexachlorobutadiene	11	U
59-50-7	4-chloro-3-methylphenol	11	U
91-57-6	2-Methylnaphthalene	11	U
77-47-4	Hexachlorocyclopentadiene	11	U
88-06-2	2,4,6-trichlorophenol	11	U
95-95-4	2,4,5-trichlorophenol	11	U
91-58-7	2-chloronaphthalene	11	U
88-74-4	2-nitroaniline	23	U
208-96-8	acenaphthylene	11	U
131-11-3	dimethylphthalate	11	U
606-20-2	2,6-Dinitrotoluene	11	U
83-32-9	acenaphthene	11	U
99-09-2	3-nitroaniline	23	U
51-28-5	2,4-dinitrophenol	23	U
132-64-9	Dibenzofuran	11	U
100-02-7	4-nitrophenol	23	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S-1

Lab Name: Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-004B

Sample wt/vol: 880 (g/ml) ML Lab File ID: 06F0166.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: _____ decanted:(Y/N) N Date Extracted: 3/29/2006

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 4/4/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

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

121-14-2	2,4-Dinitrotoluene	11	U
86-73-7	fluorene	11	U
7005-72-3	4-chlorophenyl phenyl ether	11	U
84-66-2	Diethyl phthalate	11	U
100-01-6	4-nitroaniline	23	U
534-52-1	2-methyl-4,6-dinitrophenol	23	U
86-30-6	N-nitrosodiphenylamine	11	U
101-55-3	4-bromophenyl phenyl ether	11	U
118-74-1	Hexachlorobenzene	11	U
87-86-5	pentachlorophenol	23	U
85-01-8	phenanthrene	11	U
120-12-7	anthracene	2	J
86-74-8	Carbazole	11	U
84-74-2	di-n-butyl phthalate	11	U
206-44-0	fluoranthene	3	J
129-00-0	pyrene	11	U
85-68-7	butyl benzyl phthalate	11	U
56-55-3	benzo(a)anthracene	11	U
218-01-9	chrysene	11	U
91-94-1	3,3'-dichlorobenzidine	11	U
117-81-7	bis(2-ethylhexyl)phthalate	15	
117-84-0	di-n-octyl phthalate	11	U
205-99-2	benzo(b)fluoranthene	1	J
207-08-9	benzo(k)fluoranthene	0.9	J
50-32-8	benzo(a)pyrene	11	U
193-39-5	indeno(1,2,3-cd)pyrene	11	U
53-70-3	dibenzo(a,h)anthracene	11	U
191-24-2	benzo(g,h,i)perylene	11	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

S-1

Lab Name: Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-004B

Sample wt/vol: 880 (g/ml) ML Lab File ID: 06F0166.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 3/29/2006

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 4/4/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

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

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

EPA SAMPLE NO.

S-1

Lab Name: Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-004A

Sample wt/vol: 880 (g/ml) ML Lab File ID: 06F0172.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: _____ decanted:(Y/N) N Date Extracted: 3/29/2006

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 4/4/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

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

108-95-2	phenol	11	U
95-57-8	2-chlorophenol	11	U
111-44-4	bis(2-chloroethyl)ether	11	U
541-73-1	1,3-dichlorobenzene	11	U
106-46-7	1,4-dichlorobenzene	11	U
95-50-1	1,2-dichlorobenzene	11	U
100-51-6	benzyl alcohol	11	U
108-60-1	bis(2-chloroisopropyl)ether	11	U
95-48-7	2-methylphenol	11	U
67-72-1	Hexachloroethane	11	U
621-64-7	N-nitros-di-n-propylamine	11	U
106-44-5	4-methylphenol	11	U
98-95-3	Nitrobenzene	11	U
78-59-1	Isophorone	11	U
88-75-5	2-nitrophenol	11	U
105-67-9	2,4-dimethylphenol	11	U
111-91-1	bis(2-chloroethoxy)methane	11	U
120-83-2	2,4-dichlorophenol	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U
91-20-3	Naphthalene	11	U
106-47-8	4-chloroaniline	11	U
87-68-3	Hexachlorobutadiene	11	U
59-50-7	4-chloro-3-methylphenol	11	U
91-57-6	2-Methylnaphthalene	11	U
77-47-4	Hexachlorocyclopentadiene	11	U
88-06-2	2,4,6-trichlorophenol	11	U
95-95-4	2,4,5-trichlorophenol	11	U
91-58-7	2-chloronaphthalene	11	U
88-74-4	2-nitroaniline	23	U
208-96-8	acenaphthylene	11	U
131-11-3	dimethylphthalate	11	U
606-20-2	2,6-Dinitrotoluene	11	U
83-32-9	acenaphthene	11	U
99-09-2	3-nitroaniline	23	U
51-28-5	2,4-dinitrophenol	23	U
132-64-9	Dibenzofuran	11	U
100-02-7	4-nitrophenol	23	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S-1

Lab Name: Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-004A

Sample wt/vol: 880 (g/ml) ML Lab File ID: 06F0172.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: _____ decanted:(Y/N) N Date Extracted: 3/29/2006

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 4/4/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

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

121-14-2	2,4-Dinitrotoluene	11	U
86-73-7	fluorene	11	U
7005-72-3	4-chlorophenyl phenyl ether	11	U
84-66-2	Diethyl phthalate	11	U
100-01-6	4-nitroaniline	23	U
534-52-1	2-methyl-4,6-dinitrophenol	23	U
86-30-6	N-nitrosodiphenylamine	11	U
101-55-3	4-bromophenyl phenyl ether	11	U
118-74-1	Hexachlorobenzene	11	U
87-86-5	pentachlorophenol	23	U
85-01-8	phenanthrene	11	U
120-12-7	anthracene	11	U
86-74-8	Carbazole	11	U
84-74-2	di-n-butyl phthalate	11	U
206-44-0	fluoranthene	11	U
129-00-0	pyrene	11	U
85-68-7	butyl benzyl phthalate	11	U
56-55-3	benzo(a)anthracene	11	U
218-01-9	chrysene	11	U
91-94-1	3,3'-dichlorobenzidine	11	U
117-81-7	bis(2-ethylhexyl)phthalate	11	U
117-84-0	di-n-octyl phthalate	11	U
205-99-2	benzo(b)fluoranthene	11	U
207-08-9	benzo(k)fluoranthene	11	U
50-32-8	benzo(a)pyrene	11	U
193-39-5	indeno(1,2,3-cd)pyrene	11	U
53-70-3	dibenzo(a,h)anthracene	11	U
191-24-2	benzo(g,h,i)perylene	11	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

S-1

Lab Name: Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-004A

Sample wt/vol: 880 (g/ml) ML Lab File ID: 06F0172.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 3/29/2006

Concentrated Extract Volume: 2000 (uL) Date Analyzed: 4/4/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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Case Narrative

Site Name: Peter Winkelman

Date received: 03/24/06

For sample delivery group(s): 083-01

The calibration verification that these samples were run under had one of the target analytes - acetone - exceeding the calibration verification criteria that is associated with this method. This analyte was not found in any of the samples.

All other QA/QC associated with this sample delivery group were within acceptable method criteria.

All hits for Methylene Chloride were qualified with a 'B', because it was detected in the Method Blank associated with these samples, at 0.3ug/L.

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P - 1

Lab Name: Peter Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-001

Sample wt/vol: 20.0 (g/ml) ML Lab File ID: 06A0239.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: not dec. _____ Date Analyzed: 3/24/2006

GC Column: rtx-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
75-71-8	Dichlorodifluoromethane	1	U	U
74-87-3	Chloromethane	1	U	U
75-01-4	Vinyl Chloride	1	U	U
74-83-9	Bromomethane	1	U	U
75-00-3	Chloroethane	1	U	U
75-69-4	Trichlorofluoromethane	1	U	U
156-59-2	cis-1,2-Dichloroethene	1	U	U
69-29-7	Diethyl ether	1	U	U
75-35-4	1,1-Dichloroethene	1	U	U
67-64-1	Acetone	6	U	U
74-88-4	Iodomethane	1	U	U
75-15-0	Carbon disulfide	1	U	U
107-05-1	Allyl chloride	1	U	U
75-09-2	Methylene Chloride	2	U	U
156-60-5	trans-1,2-Dichloroethene	1	U	U
1634-04-4	Methyl-t-butyl ether	1	U	U
107-13-1	Acrylonitrile	12	U	U
75-34-3	1,1-Dichloroethane	1	U	U
590-20-7	2,2-Dichloropropane	6	U	U
78-93-3	2-Butanone	6	U	U
96-33-3	Methyl acrylate	12	U	U
107-12-0	Propionitrile	1	U	U
74-97-5	Bromochloromethane	1	U	U
109-99-9	Tetrahydrofuran	25	U	U
126-98-7	Methacrylonitrile	12	U	U
67-66-3	Chloroform	1	U	U
71-55-6	1,1,1-Trichloroethane	1	U	U
109-69-3	1-Chlorobutane	1	U	U
56-23-5	Carbon tetrachloride	1	U	U
563-58-6	1,1-Dichloropropene	6	U	U
71-43-2	Benzene	1	U	U
107-06-2	1,2-Dichloroethane	1	U	U
79-01-6	Trichloroethene	1	U	U
78-87-5	1,2-Dichloropropane	1	U	U
80-62-6	Methyl methacrylate	6	U	U
74-95-3	Dibromomethane	1	U	U
74-97-5	Bromodichloromethane	1	U	U
79-46-9	2-Nitropropane	12	U	U
107-14-2	Chloroacetonitrile	6	U	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P - 1

Lab Name: Peter Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-001

Sample wt/vol: 20.0 (g/ml) ML Lab File ID: 06A0239.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: not dec. _____ Date Analyzed: 3/24/2006

GC Column: rtx-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
10061-01-5	cis-1,3-Dichloropropene	1	U	U
108-10-1	4-Methyl-2-pentanone	1	U	U
513-88-2	1,1-dichloropropanone	6	U	U
108-88-3	Toluene	1	U	U
97-63-2	Ethyl methacrylate	1	U	U
1006-02-6	trans-1,3-Dichloropropene	1	U	U
79-00-5	1,1,2-Trichloroethane	1	U	U
127-18-4	Tetrachloroethene	1	U	U
142-28-9	1,3-Dichloropropane	6	U	U
591-78-6	2-Hexanone	6	U	U
124-48-1	Dibromochloromethane	1	U	U
106-93-4	1,2-Dibromoethane	1	U	U
10890-7	Chlorobenzene	1	U	U
100-41-4	Ethylbenzene	1	U	U
630-20-6	1,1,1,2-Tetrachloroethane	1	U	U
108-38-3	m,p-Xylene	1	U	U
95-47-6	o-Xylene	1	U	U
100-42-5	Styrene	1	U	U
75-25-2	Bromoform	1	U	U
98-82-8	Isopropylbenzene	1	U	U
79-34-5	1,1,2,2,-Tetrachloroethane	1	U	U
108-86-1	Bromobenzene	1	U	U
103-65-1	n-Propylbenzene	1	U	U
110-57-6	trans-1,4-Dichloro-2-butene	25	U	U
96-18-4	1,2,3-Trichloropropane	1	U	U
95-49-8	2-Chlorotoluene	1	U	U
108-67-8	1,3,5-Trimethylbenzene	1	U	U
106-43-4	4-Chlorotoluene	1	U	U
98-06-6	tert-Butylbenzene	1	U	U
95-63-6	1,2,4-Trimethylbenzene	1	U	U
76-01-7	Pentachloroethane	1	U	U
135-98-8	sec-Butylbenzene	1	U	U
99-87-6	p-Isopropyltoluene	1	U	U
541-73-1	1,3-Dichlorobenzene	1	U	U
106-46-7	1,4-Dichlorobenzene	1	U	U
104-51-8	n-Butylbenzene	1	U	U
95-50-1	1,2-Dichlorobenzene	1	U	U
67-72-1	Hexachloroethane	1	U	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P - 1

Lab Name: Peter Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-001

Sample wt/vol: 20.0 (g/ml) ML Lab File ID: 06A0239.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: not dec. _____ Date Analyzed: 3/24/2006

GC Column: rtx-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
<u>120-82-1</u>	<u>1,2,4-Trichlorobenzene</u>	<u>0.2</u>	<u>J</u>	
<u>87-68-3</u>	<u>Hexachlorobutadiene</u>	<u>1</u>	<u>U</u>	
<u>91-20-3</u>	<u>Naphthalene</u>	<u>1</u>	<u>U</u>	
<u>87-61-6</u>	<u>1,2,3-Trichlorobenzene</u>	<u>1</u>	<u>U</u>	

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

P - 1

Lab Name: Peter Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-001

Sample wt/vol: 20.0 (g/ml) ML Lab File ID: 06A0239.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: not dec. _____ Date Analyzed: 3/24/2006

GC Column: rtx-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/LNumber TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P - 5

Lab Name: Peter Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-002

Sample wt/vol: 20.0 (g/ml) ML Lab File ID: 06A0240.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: not dec. _____ Date Analyzed: 3/24/2006

GC Column: rtx-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
75-71-8	Dichlorodifluoromethane	1	U	
74-87-3	Chloromethane	1	U	
75-01-4	Vinyl Chloride	1		
74-83-9	Bromomethane	1	U	
75-00-3	Chloroethane	1	U	
75-69-4	Trichlorofluoromethane	1	U	
156-59-2	cis-1,2-Dichloroethene	0.4	J	
69-29-7	Diethyl ether	1	U	
75-35-4	1,1-Dichloroethene	0.1	J	
67-64-1	Acetone	6	U	
74-88-4	Iodomethane	1	U	
75-15-0	Carbon disulfide	1		
107-05-1	Allyl chloride	1	U	
75-09-2	Methylene Chloride	2	U	
156-60-5	trans-1,2-Dichloroethene	0.2	J	
1634-04-4	Methyl-t-butyl ether	1	U	
107-13-1	Acrylonitrile	12	U	
75-34-3	1,1-Dichloroethane	0.8	J	
590-20-7	2,2-Dichloropropane	6	U	
78-93-3	2-Butanone	6	U	
96-33-3	Methyl acrylate	12	U	
107-12-0	Propionitrile	1	U	
74-97-5	Bromochloromethane	1	U	
109-99-9	Tetrahydrofuran	25	U	
126-98-7	Methacrylonitrile	12	U	
67-66-3	Chloroform	1	U	
71-55-6	1,1,1-Trichloroethane	0.1	J	
109-69-3	1-Chlorobutane	1	U	
56-23-5	Carbon tetrachloride	1	U	
563-58-6	1,1-Dichloropropene	6	U	
71-43-2	Benzene	1	U	
107-06-2	1,2-Dichloroethane	1	U	
79-01-6	Trichloroethene	0.5	J	
78-87-5	1,2-Dichloropropane	1	U	
80-62-6	Methyl methacrylate	6	U	
74-95-3	Dibromomethane	1	U	
74-97-5	Bromodichloromethane	1	U	
79-46-9	2-Nitropropane	12	U	
107-14-2	Chloroacetonitrile	6	U	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P - 5

Lab Name: Peter Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-002

Sample wt/vol: 20.0 (g/ml) ML Lab File ID: 06A0240.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: not dec. _____ Date Analyzed: 3/24/2006

GC Column: rtx-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
10061-01-5	cis-1,3-Dichloropropene	1	U	U
108-10-1	4-Methyl-2-pentanone	1	U	U
513-88-2	1,1-dichloropropanone	6	U	U
108-88-3	Toluene	1	U	U
97-63-2	Ethyl methacrylate	1	U	U
1006-02-6	trans-1,3-Dichloropropene	1	U	U
79-00-5	1,1,2-Trichloroethane	1	U	U
127-18-4	Tetrachloroethene	1	U	U
142-28-9	1,3-Dichloropropane	6	U	U
591-78-6	2-Hexanone	6	U	U
124-48-1	Dibromochloromethane	1	U	U
106-93-4	1,2-Dibromoethane	1	U	U
10890-7	Chlorobenzene	1	U	U
100-41-4	Ethylbenzene	1	U	U
630-20-6	1,1,1,2-Tetrachloroethane	1	U	U
108-38-3	m,p-Xylene	1	U	U
95-47-6	o-Xylene	1	U	U
100-42-5	Styrene	1	U	U
75-25-2	Bromoform	1	U	U
98-82-8	Isopropylbenzene	1	U	U
79-34-5	1,1,2,2,-Tetrachloroethane	1	U	U
108-86-1	Bromobenzene	1	U	U
103-65-1	n-Propylbenzene	1	U	U
110-57-6	trans-1,4-Dichloro-2-butene	25	U	U
96-18-4	1,2,3-Trichloropropane	1	U	U
95-49-8	2-Chlorotoluene	1	U	U
108-67-8	1,3,5-Trimethylbenzene	1	U	U
106-43-4	4-Chlorotoluene	1	U	U
98-06-6	tert-Butylbenzene	1	U	U
95-63-6	1,2,4-Trimethylbenzene	1	U	U
76-01-7	Pentachloroethane	1	U	U
135-98-8	sec-Butylbenzene	1	U	U
99-87-6	p-Isopropyltoluene	1	U	U
541-73-1	1,3-Dichlorobenzene	1	U	U
106-46-7	1,4-Dichlorobenzene	1	U	U
104-51-8	n-Butylbenzene	1	U	U
95-50-1	1,2-Dichlorobenzene	1	U	U
67-72-1	Hexachloroethane	1	U	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P - 5

Lab Name: Peter Winkelman Contract: _____
Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01
Matrix: (soil/water) WATER Lab Sample ID: 706-083-002
Sample wt/vol: 20.0 (g/ml) ML Lab File ID: 06A0240.D
Level: (low/med) LOW Date Received: 3/24/2006
% Moisture: not dec. _____ Date Analyzed: 3/24/2006
GC Column: rtx-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
120-82-1	1,2,4-Trichlorobenzene	1	U	
87-68-3	Hexachlorobutadiene	1	U	
91-20-3	Naphthalene	1	U	
87-61-6	1,2,3-Trichlorobenzene	1	U	

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

P - 5

Lab Name: Peter Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-002

Sample wt/vol: 20.0 (g/ml) ML Lab File ID: 06A0240.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: not dec. _____ Date Analyzed: 3/24/2006

GC Column: rtx-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/LNumber TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P - 7

Lab Name: Peter Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-003

Sample wt/vol: 20.0 (g/ml) ML Lab File ID: 06A0241.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: not dec. _____ Date Analyzed: 3/24/2006

GC Column: rtx-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
75-71-8	Dichlorodifluoromethane	1	U	
74-87-3	Chloromethane	1	U	
75-01-4	Vinyl Chloride	1	U	
74-83-9	Bromomethane	1	U	
75-00-3	Chloroethane	1	U	
75-69-4	Trichlorofluoromethane	1	U	
156-59-2	cis-1,2-Dichloroethene	1	U	
69-29-7	Diethyl ether	1	U	
75-35-4	1,1-Dichloroethene	1	U	
67-64-1	Acetone	6	U	
74-88-4	Iodomethane	1	U	
75-15-0	Carbon disulfide	1	U	
107-05-1	Allyl chloride	1	U	
75-09-2	Methylene Chloride	2	U	
156-60-5	trans-1,2-Dichloroethene	1	U	
1634-04-4	Methyl-t-butyl ether	1	U	
107-13-1	Acrylonitrile	12	U	
75-34-3	1,1-Dichloroethane	0.5	J	
590-20-7	2,2-Dichloropropane	6	U	
78-93-3	2-Butanone	6	U	
96-33-3	Methyl acrylate	12	U	
107-12-0	Propionitrile	1	U	
74-97-5	Bromochloromethane	1	U	
109-99-9	Tetrahydrofuran	25	U	
126-98-7	Methacrylonitrile	12	U	
67-66-3	Chloroform	1	U	
71-55-6	1,1,1-Trichloroethane	1		
109-69-3	1-Chlorobutane	1	U	
56-23-5	Carbon tetrachloride	1	U	
563-58-6	1,1-Dichloropropene	6	U	
71-43-2	Benzene	1	U	
107-06-2	1,2-Dichloroethane	1	U	
79-01-6	Trichloroethene	0.4	J	
78-87-5	1,2-Dichloropropane	1	U	
80-62-6	Methyl methacrylate	6	U	
74-95-3	Dibromomethane	1	U	
74-97-5	Bromodichloromethane	1	U	
79-46-9	2-Nitropropane	12	U	
107-14-2	Chloroacetonitrile	6	U	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P - 7

Lab Name: Peter Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-003

Sample wt/vol: 20.0 (g/ml) ML Lab File ID: 06A0241.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: not dec. _____ Date Analyzed: 3/24/2006

GC Column: rtx-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
10061-01-5	cis-1,3-Dichloropropene	1	U	U
108-10-1	4-Methyl-2-pentanone	1	U	U
513-88-2	1,1-dichloropropanone	6	U	U
108-88-3	Toluene	1	U	U
97-63-2	Ethyl methacrylate	1	U	U
1006-02-6	trans-1,3-Dichloropropene	1	U	U
79-00-5	1,1,2-Trichloroethane	1	U	U
127-18-4	Tetrachloroethene	1	U	U
142-28-9	1,3-Dichloropropane	6	U	U
591-78-6	2-Hexanone	6	U	U
124-48-1	Dibromochloromethane	1	U	U
106-93-4	1,2-Dibromoethane	1	U	U
10890-7	Chlorobenzene	1	U	U
100-41-4	Ethylbenzene	1	U	U
630-20-6	1,1,1,2-Tetrachloroethane	1	U	U
108-38-3	m,p-Xylene	1	U	U
95-47-6	o-Xylene	1	U	U
100-42-5	Styrene	1	U	U
75-25-2	Bromoform	1	U	U
98-82-8	Isopropylbenzene	1	U	U
79-34-5	1,1,2,2,-Tetrachloroethane	1	U	U
108-86-1	Bromobenzene	1	U	U
103-65-1	n-Propylbenzene	1	U	U
110-57-6	trans-1,4-Dichloro-2-butene	25	U	U
96-18-4	1,2,3-Trichloropropane	1	U	U
95-49-8	2-Chlorotoluene	1	U	U
108-67-8	1,3,5-Trimethylbenzene	1	U	U
106-43-4	4-Chlorotoluene	1	U	U
98-06-6	tert-Butylbenzene	1	U	U
95-63-6	1,2,4-Trimethylbenzene	1	U	U
76-01-7	Pentachloroethane	1	U	U
135-98-8	sec-Butylbenzene	1	U	U
99-87-6	p-Isopropyltoluene	1	U	U
541-73-1	1,3-Dichlorobenzene	1	U	U
106-46-7	1,4-Dichlorobenzene	1	U	U
104-51-8	n-Butylbenzene	1	U	U
95-50-1	1,2-Dichlorobenzene	1	U	U
67-72-1	Hexachloroethane	1	U	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P - 7

Lab Name: Peter Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-003

Sample wt/vol: 20.0 (g/ml) ML Lab File ID: 06A0241.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: not dec. _____ Date Analyzed: 3/24/2006

GC Column: rtx-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/L</u>	Q
120-82-1	1,2,4-Trichlorobenzene	1	U	
87-68-3	Hexachlorobutadiene	1	U	
91-20-3	Naphthalene	1	U	
87-61-6	1,2,3-Trichlorobenzene	1	U	

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

P - 7

Lab Name: Peter Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-003

Sample wt/vol: 20.0 (g/ml) ML Lab File ID: 06A0241.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: not dec. _____ Date Analyzed: 3/24/2006

GC Column: rtx-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/LNumber TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S - 1

Lab Name: Peter Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-004

Sample wt/vol: 20.0 (g/ml) ML Lab File ID: 06A0242.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: not dec. _____ Date Analyzed: 3/24/2006

GC Column: rtx-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
75-71-8	Dichlorodifluoromethane	1	U	U
74-87-3	Chloromethane	1	U	U
75-01-4	Vinyl Chloride	1	U	U
74-83-9	Bromomethane	1	U	U
75-00-3	Chloroethane	1	U	U
75-69-4	Trichlorofluoromethane	1	U	U
156-59-2	cis-1,2-Dichloroethene	1	U	U
69-29-7	Diethyl ether	1	U	U
75-35-4	1,1-Dichloroethene	1	U	U
67-64-1	Acetone	6	U	U
74-88-4	Iodomethane	1	U	U
75-15-0	Carbon disulfide	1	U	U
107-05-1	Allyl chloride	1	U	U
75-09-2	Methylene Chloride	2	U	U
156-60-5	trans-1,2-Dichloroethene	1	U	U
1634-04-4	Methyl-t-butyl ether	1	U	U
107-13-1	Acrylonitrile	12	U	U
75-34-3	1,1-Dichloroethane	0.3	J	J
590-20-7	2,2-Dichloropropane	6	U	U
78-93-3	2-Butanone	6	U	U
96-33-3	Methyl acrylate	12	U	U
107-12-0	Propionitrile	1	U	U
74-97-5	Bromochloromethane	1	U	U
109-99-9	Tetrahydrofuran	25	U	U
126-98-7	Methacrylonitrile	12	U	U
67-66-3	Chloroform	1	U	U
71-55-6	1,1,1-Trichloroethane	1	U	U
109-69-3	1-Chlorobutane	1	U	U
56-23-5	Carbon tetrachloride	1	U	U
563-58-6	1,1-Dichloropropene	6	U	U
71-43-2	Benzene	1	U	U
107-06-2	1,2-Dichloroethane	1	U	U
79-01-6	Trichloroethene	1	U	U
78-87-5	1,2-Dichloropropane	1	U	U
80-62-6	Methyl methacrylate	6	U	U
74-95-3	Dibromomethane	1	U	U
74-97-5	Bromodichloromethane	1	U	U
79-46-9	2-Nitropropane	12	U	U
107-14-2	Chloroacetonitrile	6	U	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S - 1

Lab Name: Peter Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-004

Sample wt/vol: 20.0 (g/ml) ML Lab File ID: 06A0242.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: not dec. _____ Date Analyzed: 3/24/2006

GC Column: rtx-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
10061-01-5	cis-1,3-Dichloropropene	1	U	U
108-10-1	4-Methyl-2-pentanone	1	U	U
513-88-2	1,1-dichloropropanone	6	U	U
108-88-3	Toluene	1	U	U
97-63-2	Ethyl methacrylate	1	U	U
1006-02-6	trans-1,3-Dichloropropene	1	U	U
79-00-5	1,1,2-Trichloroethane	1	U	U
127-18-4	Tetrachloroethene	1	U	U
142-28-9	1,3-Dichloropropane	6	U	U
591-78-6	2-Hexanone	6	U	U
124-48-1	Dibromochloromethane	1	U	U
106-93-4	1,2-Dibromoethane	1	U	U
10890-7	Chlorobenzene	1	U	U
100-41-4	Ethylbenzene	1	U	U
630-20-6	1,1,1,2-Tetrachloroethane	1	U	U
108-38-3	m,p-Xylene	1	U	U
95-47-6	o-Xylene	1	U	U
100-42-5	Styrene	1	U	U
75-25-2	Bromoform	1	U	U
98-82-8	Isopropylbenzene	1	U	U
79-34-5	1,1,2,2,-Tetrachloroethane	1	U	U
108-86-1	Bromobenzene	1	U	U
103-65-1	n-Propylbenzene	1	U	U
110-57-6	trans-1,4-Dichloro-2-butene	25	U	U
96-18-4	1,2,3-Trichloropropane	1	U	U
95-49-8	2-Chlorotoluene	1	U	U
108-67-8	1,3,5-Trimethylbenzene	1	U	U
106-43-4	4-Chlorotoluene	1	U	U
98-06-6	tert-Butylbenzene	1	U	U
95-63-6	1,2,4-Trimethylbenzene	1	U	U
76-01-7	Pentachloroethane	1	U	U
135-98-8	sec-Butylbenzene	1	U	U
99-87-6	p-Isopropyltoluene	1	U	U
541-73-1	1,3-Dichlorobenzene	1	U	U
106-46-7	1,4-Dichlorobenzene	1	U	U
104-51-8	n-Butylbenzene	1	U	U
95-50-1	1,2-Dichlorobenzene	1	U	U
67-72-1	Hexachloroethane	1	U	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S - 1

Lab Name: Peter Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-004

Sample wt/vol: 20.0 (g/ml) ML Lab File ID: 06A0242.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: not dec. _____ Date Analyzed: 3/24/2006

GC Column: rtx-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
<u>120-82-1</u>	<u>1,2,4-Trichlorobenzene</u>	<u>1</u>		
<u>87-68-3</u>	<u>Hexachlorobutadiene</u>	<u>1</u>		<u>U</u>
<u>91-20-3</u>	<u>Naphthalene</u>	<u>0.1</u>		<u>J</u>
<u>87-61-6</u>	<u>1,2,3-Trichlorobenzene</u>	<u>0.2</u>		<u>J</u>

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

S - 1

Lab Name: Peter Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-004

Sample wt/vol: 20.0 (g/ml) ML Lab File ID: 06A0242.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: not dec. _____ Date Analyzed: 3/24/2006

GC Column: rtx-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/LNumber TICs found: 5

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 007341-17-5	1-Hexanethiol, 2-ethyl-	25.75	0.2	JN
2. 014374-52-8	1,3-Cyclopentadiene-1-carboxylic	31.92	0.3	JN
3. 000827-52-1	Benzene, cyclohexyl-	32.85	0.2	JN
4. 001128-67-2	2(3H)-Benzothiazolone, 3-methyl	33.00	0.2	JN
5. 000581-42-0	Naphthalene, 2,6-dimethyl-	35.70	0.2	JN

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Trip Blank

Lab Name: Peter Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-005

Sample wt/vol: 20.0 (g/ml) ML Lab File ID: 06A0243.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: not dec. _____ Date Analyzed: 3/24/2006

GC Column: rtx-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
75-71-8	Dichlorodifluoromethane	1	U	U
74-87-3	Chloromethane	1	U	U
75-01-4	Vinyl Chloride	1	U	U
74-83-9	Bromomethane	1	U	U
75-00-3	Chloroethane	1	U	U
75-69-4	Trichlorofluoromethane	1	U	U
156-59-2	cis-1,2-Dichloroethene	1	U	U
69-29-7	Diethyl ether	1	U	U
75-35-4	1,1-Dichloroethene	1	U	U
67-64-1	Acetone	6	U	U
74-88-4	Iodomethane	1	U	U
75-15-0	Carbon disulfide	1	U	U
107-05-1	Allyl chloride	1	U	U
75-09-2	Methylene Chloride	0.1	JB	JB
156-60-5	trans-1,2-Dichloroethene	1	U	U
1634-04-4	Methyl-t-butyl ether	1	U	U
107-13-1	Acrylonitrile	12	U	U
75-34-3	1,1-Dichloroethane	1	U	U
590-20-7	2,2-Dichloropropane	6	U	U
78-93-3	2-Butanone	6	U	U
96-33-3	Methyl acrylate	12	U	U
107-12-0	Propionitrile	1	U	U
74-97-5	Bromochloromethane	1	U	U
109-99-9	Tetrahydrofuran	25	U	U
126-98-7	Methacrylonitrile	12	U	U
67-66-3	Chloroform	0.3	J	J
71-55-6	1,1,1-Trichloroethane	1	U	U
109-69-3	1-Chlorobutane	1	U	U
56-23-5	Carbon tetrachloride	1	U	U
563-58-6	1,1-Dichloropropene	6	U	U
71-43-2	Benzene	1	U	U
107-06-2	1,2-Dichloroethane	1	U	U
79-01-6	Trichloroethene	1	U	U
78-87-5	1,2-Dichloropropane	1	U	U
80-62-6	Methyl methacrylate	6	U	U
74-95-3	Dibromomethane	1	U	U
74-97-5	Bromodichloromethane	1	U	U
79-46-9	2-Nitropropane	12	U	U
107-14-2	Chloroacetonitrile	6	U	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Trip Blank

Lab Name: Peter Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-005

Sample wt/vol: 20.0 (g/ml) ML Lab File ID: 06A0243.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: not dec. _____ Date Analyzed: 3/24/2006

GC Column: rtx-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
10061-01-5	cis-1,3-Dichloropropene	1	U	U
108-10-1	4-Methyl-2-pentanone	1	U	U
513-88-2	1,1-dichloropropanone	6	U	U
108-88-3	Toluene	1	U	U
97-63-2	Ethyl methacrylate	1	U	U
1006-02-6	trans-1,3-Dichloropropene	1	U	U
79-00-5	1,1,2-Trichloroethane	1	U	U
127-18-4	Tetrachloroethene	1	U	U
142-28-9	1,3-Dichloropropane	6	U	U
591-78-6	2-Hexanone	6	U	U
124-48-1	Dibromochloromethane	1	U	U
106-93-4	1,2-Dibromoethane	1	U	U
10890-7	Chlorobenzene	1	U	U
100-41-4	Ethylbenzene	1	U	U
630-20-6	1,1,1,2-Tetrachloroethane	1	U	U
108-38-3	m,p-Xylene	1	U	U
95-47-6	o-Xylene	1	U	U
100-42-5	Styrene	1	U	U
75-25-2	Bromoform	1	U	U
98-82-8	Isopropylbenzene	1	U	U
79-34-5	1,1,2,2,-Tetrachloroethane	1	U	U
108-86-1	Bromobenzene	1	U	U
103-65-1	n-Propylbenzene	1	U	U
110-57-6	trans-1,4-Dichloro-2-butene	25	U	U
96-18-4	1,2,3-Trichloropropane	1	U	U
95-49-8	2-Chlorotoluene	1	U	U
108-67-8	1,3,5-Trimethylbenzene	1	U	U
106-43-4	4-Chlorotoluene	1	U	U
98-06-6	tert-Butylbenzene	1	U	U
95-63-6	1,2,4-Trimethylbenzene	1	U	U
76-01-7	Pentachloroethane	1	U	U
135-98-8	sec-Butylbenzene	1	U	U
99-87-6	p-Isopropyltoluene	1	U	U
541-73-1	1,3-Dichlorobenzene	1	U	U
106-46-7	1,4-Dichlorobenzene	1	U	U
104-51-8	n-Butylbenzene	1	U	U
95-50-1	1,2-Dichlorobenzene	1	U	U
67-72-1	Hexachloroethane	1	U	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: Peter Winkelman Contract: _____
 Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01
 Matrix: (soil/water) WATER Lab Sample ID: 706-083-005
 Sample wt/vol: 20.0 (g/ml) ML Lab File ID: 06A0243.D
 Level: (low/med) LOW Date Received: 3/24/2006
 % Moisture: not dec. _____ Date Analyzed: 3/24/2006
 GC Column: rtx-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	<u>UG/L</u>	Q
120-82-1	1,2,4-Trichlorobenzene	1	U	
87-68-3	Hexachlorobutadiene	1	U	
91-20-3	Naphthalene	1	U	
87-61-6	1,2,3-Trichlorobenzene	1	U	

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Trip Blank

Lab Name: Peter Winkelman Contract: _____

Lab Code: 734047 Case No.: _____ SAS No.: _____ SDG No.: 083-01

Matrix: (soil/water) WATER Lab Sample ID: 706-083-005

Sample wt/vol: 20.0 (g/ml) ML Lab File ID: 06A0243.D

Level: (low/med) LOW Date Received: 3/24/2006

% Moisture: not dec. _____ Date Analyzed: 3/24/2006

GC Column: rtx-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/LNumber TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
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